

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121323\
 Data File : VX039184.D
 Acq On : 13 Dec 2023 11:43
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2023
 Supervised By : Mahesh Dadoda 12/14/2023

Quant Time: Dec 14 01:11:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:05:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	126057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	231370	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	224586	97.254	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 194.500%#			
35) Dibromofluoromethane	5.385	113	157139	98.309	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 196.620%#			
50) Toluene-d8	8.647	98	577422	97.305	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 194.600%#			
62) 4-Bromofluorobenzene	11.079	95	243323	99.380	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 198.760%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	183209	103.430	ug/l	99
3) Chloromethane	1.294	50	195693	99.654	ug/l	98
4) Vinyl Chloride	1.374	62	178134	97.537	ug/l	98
5) Bromomethane	1.599	94	91269	86.863	ug/l	99
6) Chloroethane	1.678	64	102443	93.080	ug/l	97
7) Trichlorofluoromethane	1.886	101	261577	97.812	ug/l	99
8) Diethyl Ether	2.130	74	89805	97.027	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	156057	95.627	ug/l	96
10) Methyl Iodide	2.453	142	171078	101.421	ug/l	95
11) Tert butyl alcohol	2.971	59	279589	482.135	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	155720	96.061	ug/l	97
13) Acrolein	2.233	56	229827	496.793	ug/l	100
14) Allyl chloride	2.660	41	322632	98.248	ug/l	98
15) Acrylonitrile	3.062	53	563955	485.860	ug/l	99
16) Acetone	2.379	43	617303	486.335	ug/l	94
17) Carbon Disulfide	2.507	76	467057	98.457	ug/l	98
18) Methyl Acetate	2.696	43	498253	99.754	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	565040	96.380	ug/l	98
20) Methylene Chloride	2.788	84	181263	94.160	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	167560	94.993	ug/l	98
22) Diisopropyl ether	3.757	45	569193	95.220	ug/l	91
23) Vinyl Acetate	3.721	43	2184866	490.959	ug/l	99
24) 1,1-Dichloroethane	3.605	63	326244	96.548	ug/l	98
25) 2-Butanone	4.550	43	862903	433.026	ug/l	98
26) 2,2-Dichloropropane	4.471	77	291565	98.834	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	192369	98.806	ug/l	97
28) Bromochloromethane	4.897	49	165955	100.655	ug/l	94
29) Tetrahydrofuran	5.001	42	535424	486.538	ug/l	100
30) Chloroform	5.092	83	326334	96.640	ug/l	97
31) Cyclohexane	5.470	56	286674	96.113	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	291437	99.417	ug/l	99
36) 1,1-Dichloropropene	5.690	75	246104	97.569	ug/l	99
37) Ethyl Acetate	4.708	43	307072	98.539	ug/l	100
38) Carbon Tetrachloride	5.672	117	245240	101.881	ug/l	97
39) Methylcyclohexane	7.379	83	295681	97.590	ug/l	98
40) Benzene	6.037	78	694843	97.384	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	164588	98.990	ug/l	96
42) 1,2-Dichloroethane	6.086	62	286984	99.363	ug/l	98
43) Isopropyl Acetate	6.336	43	502800	99.221	ug/l	100
44) Trichloroethene	7.123	130	172871	96.012	ug/l	95
45) 1,2-Dichloropropane	7.427	63	187712	98.026	ug/l	98
46) Dibromomethane	7.580	93	132703	98.583	ug/l	95
47) Bromodichloromethane	7.818	83	263692	102.453	ug/l	98
48) Methyl methacrylate	7.689	41	300221	101.340	ug/l	96
49) 1,4-Dioxane	7.659	88	81434	2039.244	ug/l #	99
51) 4-Methyl-2-Pentanone	8.573	43	1588041	491.850	ug/l	99
52) Toluene	8.720	92	419415	97.391	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	298116	105.208	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	308677	101.242	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	174733	97.189	ug/l	95
56) Ethyl methacrylate	9.116	69	229582	104.603	ug/l	96
57) 1,3-Dichloropropane	9.305	76	303885	97.770	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	662818	514.309	ug/l	95
59) 2-Hexanone	9.433	43	1308977	469.756	ug/l	99
60) Dibromochloromethane	9.518	129	187334	103.029	ug/l	98
61) 1,2-Dibromoethane	9.610	107	190560	99.287	ug/l	100
64) Tetrachloroethene	9.275	164	130828	92.312	ug/l	95
65) Chlorobenzene	10.079	112	443930	93.778	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	166142	99.359	ug/l	99
67) Ethyl Benzene	10.195	91	842372	95.596	ug/l	98
68) m/p-Xylenes	10.299	106	603253	190.937	ug/l	95
69) o-Xylene	10.640	106	294450	96.391	ug/l	93
70) Styrene	10.652	104	444618	99.560	ug/l	95
71) Bromoform	10.799	173	134461	108.183	ug/l #	100
73) Isopropylbenzene	10.963	105	798765	95.206	ug/l	99
74) N-amyl acetate	10.841	43	442536	104.251	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	298370	95.598	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	264285m	93.940	ug/l	
77) Bromobenzene	11.195	156	179319	96.653	ug/l	90
78) n-propylbenzene	11.305	91	989100	95.684	ug/l	97
79) 2-Chlorotoluene	11.366	91	592989	94.838	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	694450	97.163	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	103855	104.137	ug/l	94
82) 4-Chlorotoluene	11.451	91	701017	95.454	ug/l	97
83) tert-Butylbenzene	11.713	119	660349	97.080	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	711892	97.127	ug/l	98
85) sec-Butylbenzene	11.890	105	838864	96.916	ug/l	98
86) p-Isopropyltoluene	12.006	119	710250	97.776	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	347878	95.443	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	349852	92.185	ug/l	98
89) n-Butylbenzene	12.329	91	720776	100.937	ug/l	96
90) Hexachloroethane	12.536	117	139338	106.189	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	323548	92.774	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	84147	102.360	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	217971	95.449	ug/l	99
94) Hexachlorobutadiene	13.725	225	82587	95.965	ug/l	97
95) Naphthalene	13.774	128	794391	99.888	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	213637	96.908	ug/l	99

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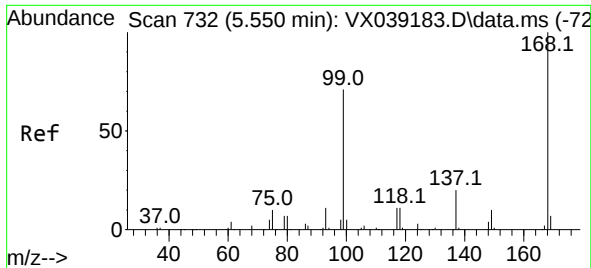
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/14/2023

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Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:05:14 2023
Response via : Initial Calibration

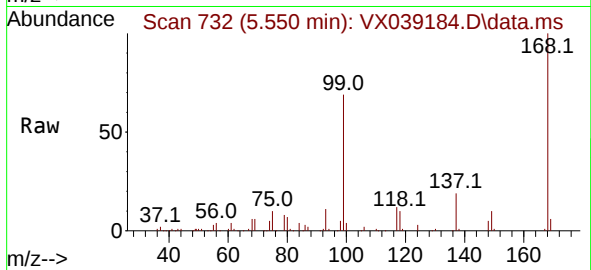
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039184.D
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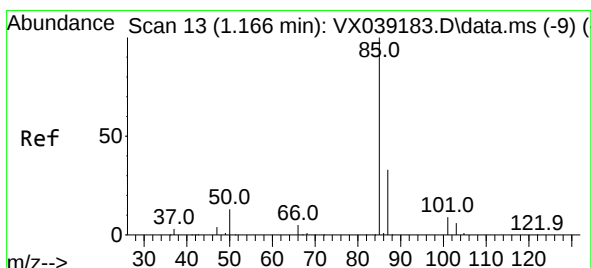
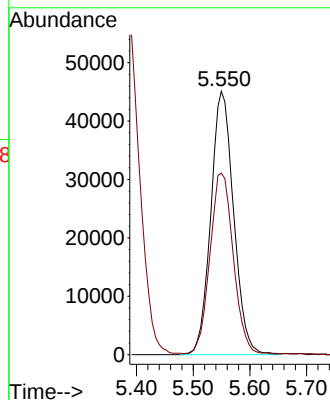
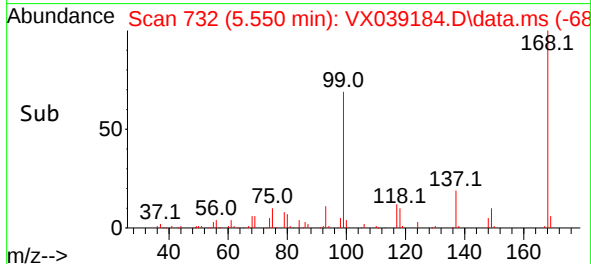
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:168 Resp: 12605
Ion Ratio Lower Upper
168 100
99 68.6 56.6 85.0

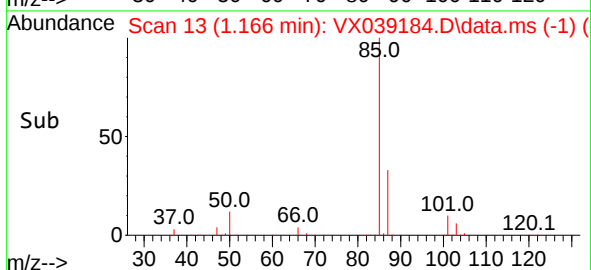
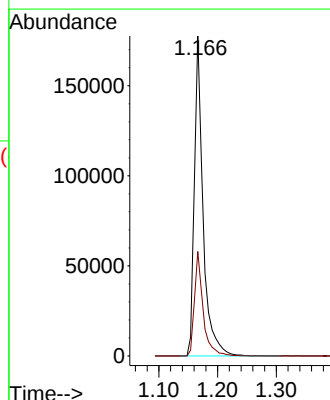
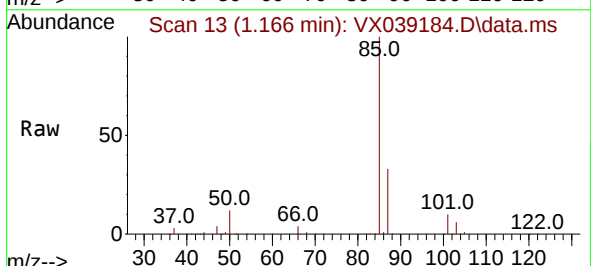
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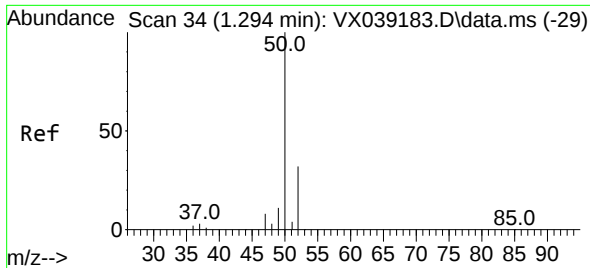
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#2
Dichlorodifluoromethane
Concen: 103.430 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

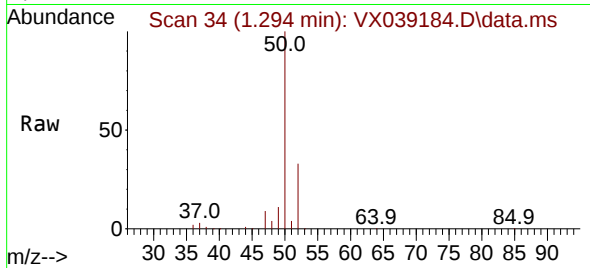
Tgt Ion: 85 Resp: 183209
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1





#3
Chloromethane
Concen: 99.654 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

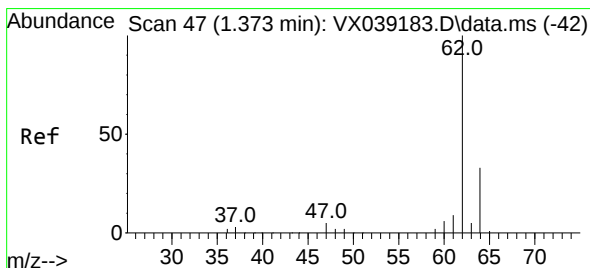
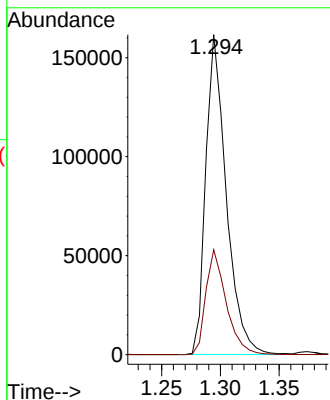
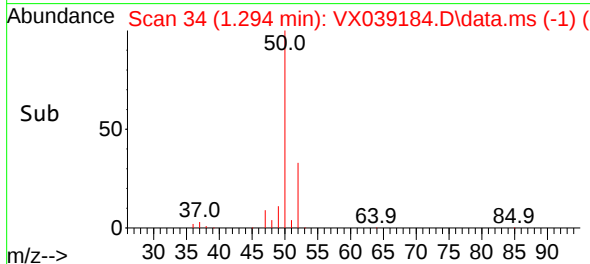
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



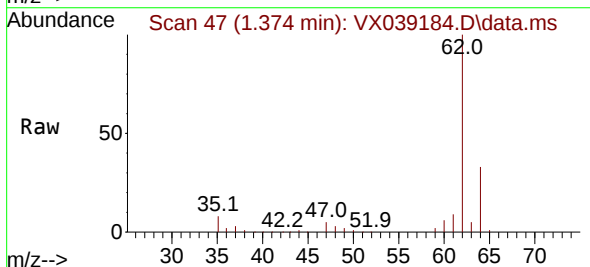
Tgt Ion: 50 Resp: 19569
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3

Manual Integrations
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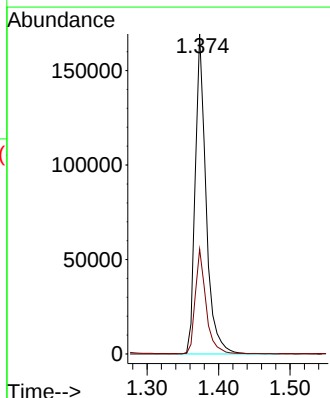
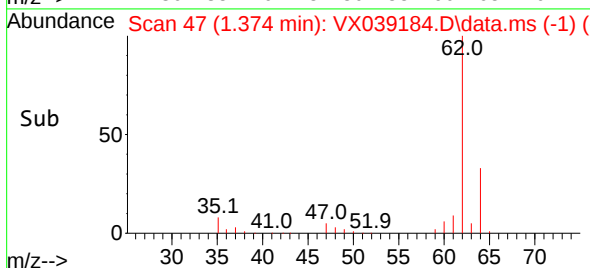
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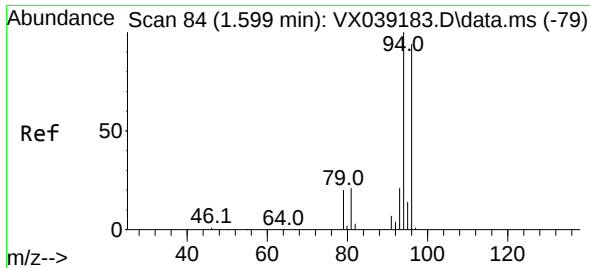


#4
Vinyl Chloride
Concen: 97.537 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43



Tgt Ion: 62 Resp: 178134
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0





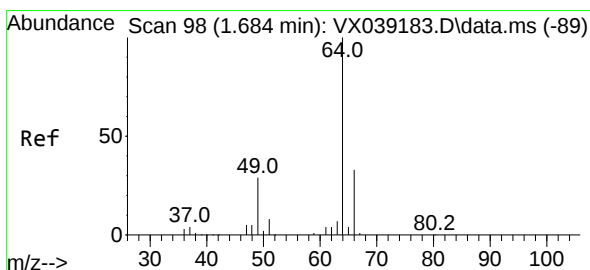
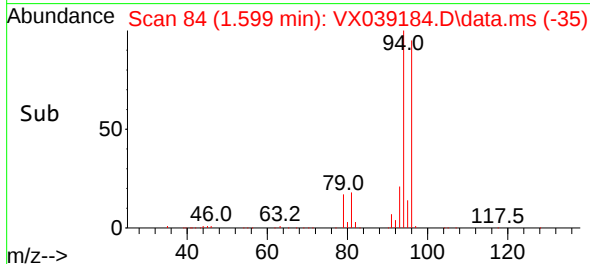
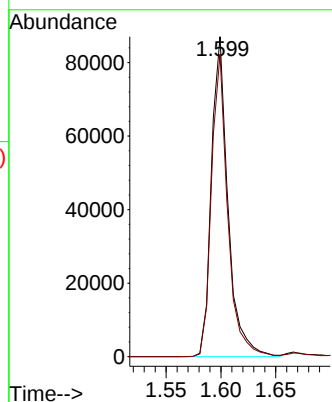
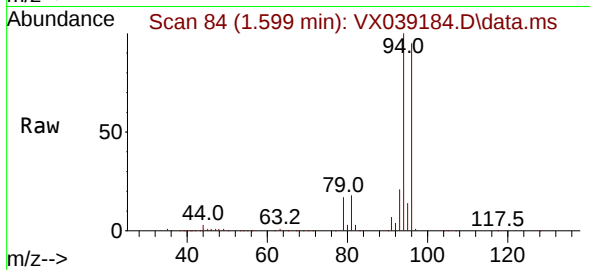
#5
Bromomethane
Concen: 86.863 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 91269
Ion Ratio Lower Upper
94 100
96 94.6 74.6 111.8

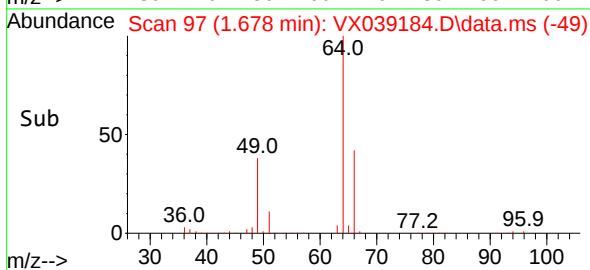
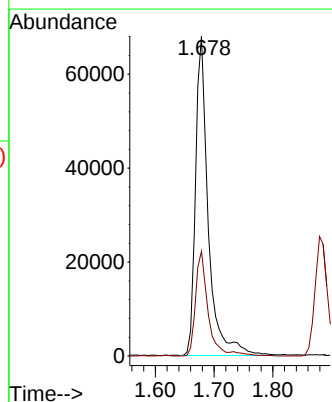
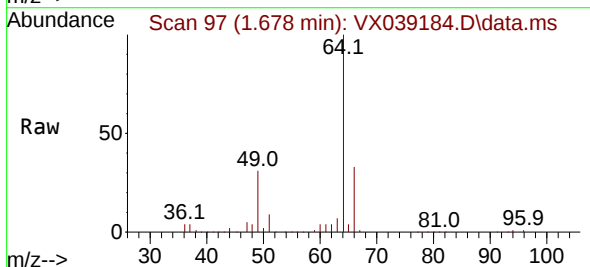
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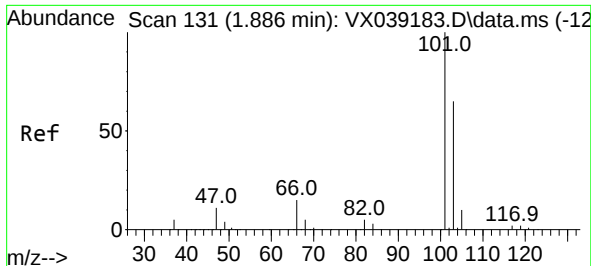
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#6
Chloroethane
Concen: 93.080 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Tgt Ion: 64 Resp: 102443
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7





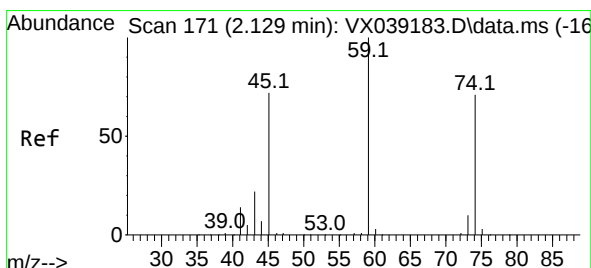
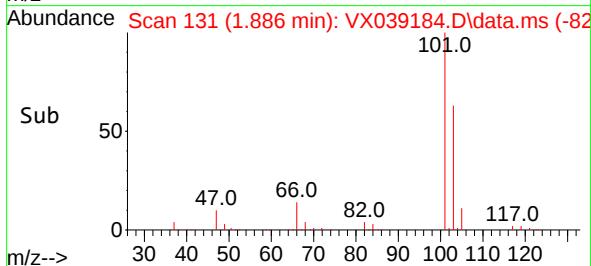
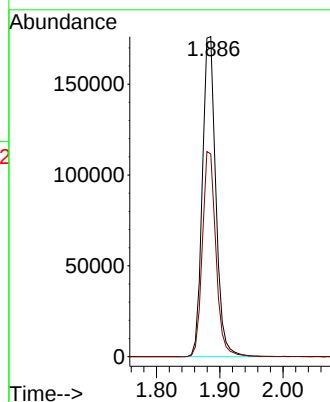
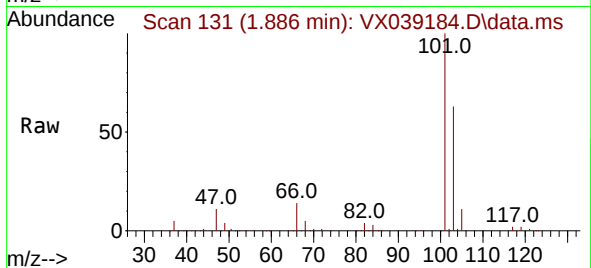
#7
Trichlorofluoromethane
Concen: 97.812 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 26157
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2

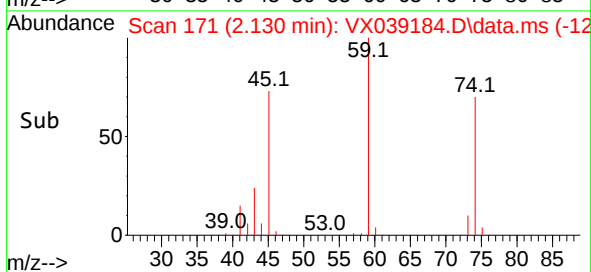
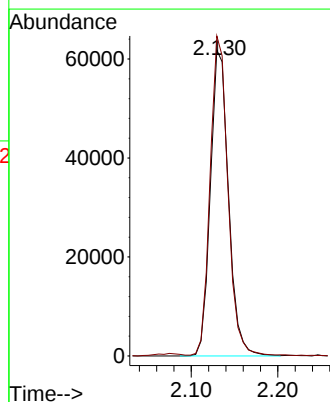
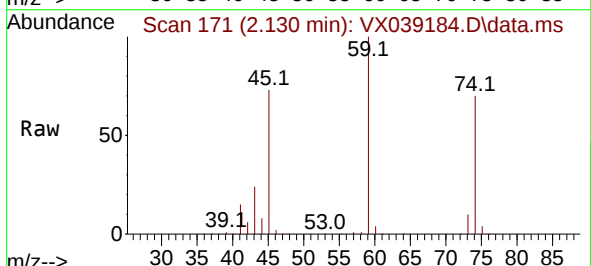
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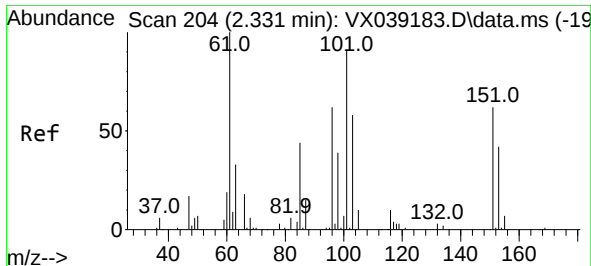
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#8
Diethyl Ether
Concen: 97.027 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Tgt Ion: 74 Resp: 89805
Ion Ratio Lower Upper
74 100
45 102.6 53.3 159.8





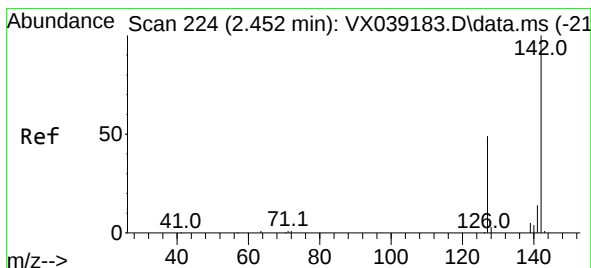
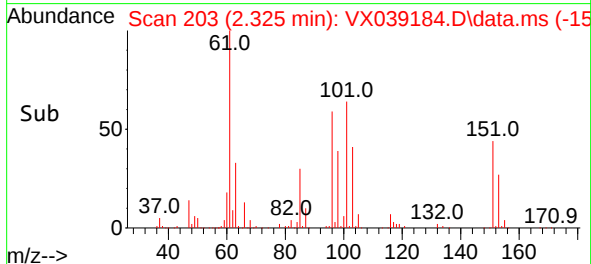
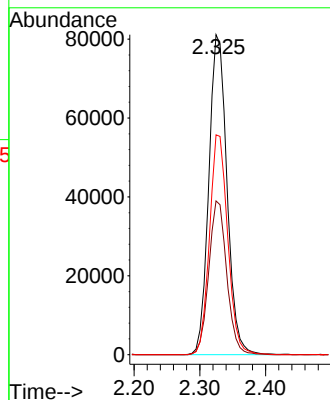
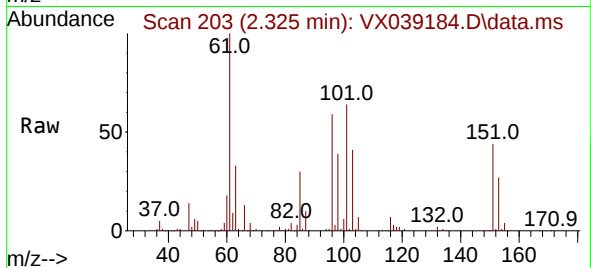
#9
1,1,2-Trichlorotrifluoroethane
Concen: 95.627 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 15605
Ion Ratio Lower Upper
101 100
85 47.6 37.0 55.6
151 68.9 58.6 87.8

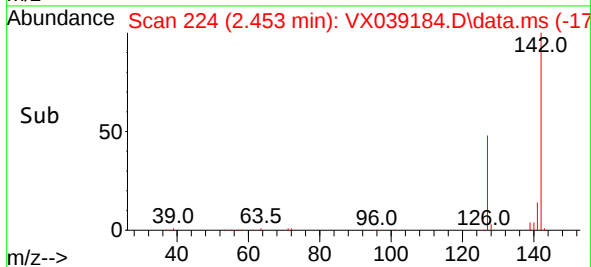
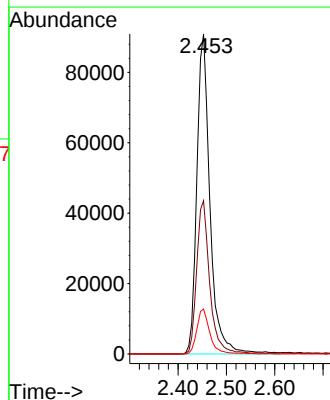
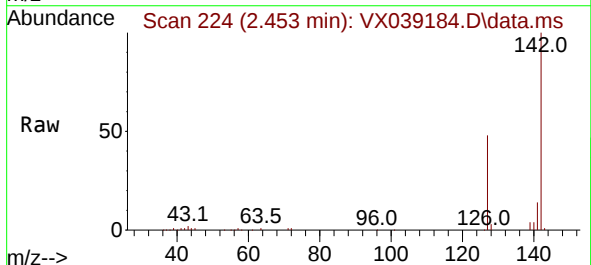
Manual Integrations
APPROVED

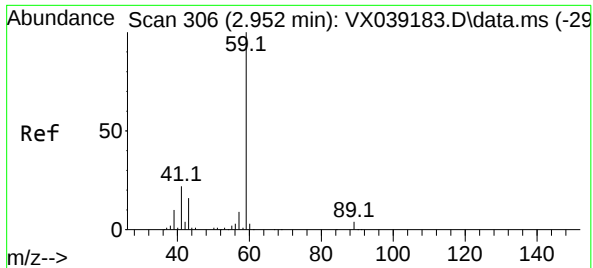
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#10
Methyl Iodide
Concen: 101.421 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

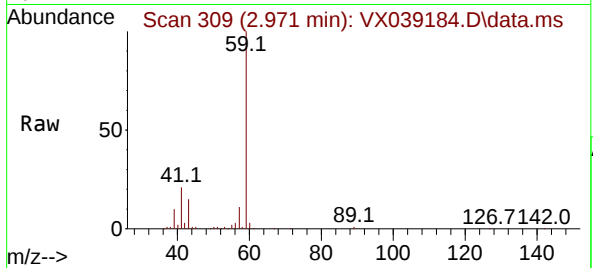
Tgt Ion:142 Resp: 171078
Ion Ratio Lower Upper
142 100
127 47.5 41.6 62.4
141 13.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 482.135 ug/l
RT: 2.971 min Scan# 306
Delta R.T. 0.018 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

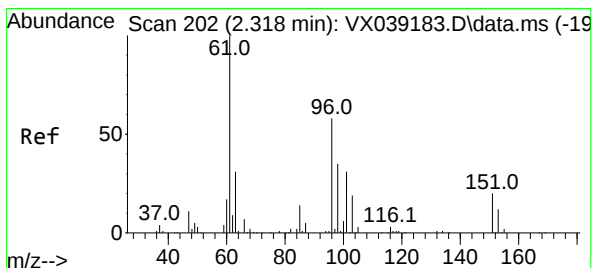
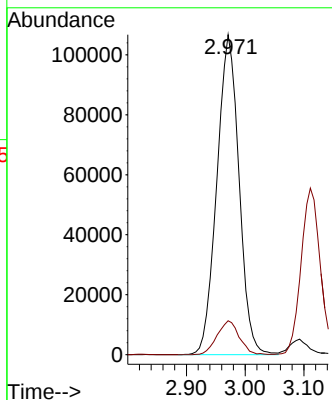
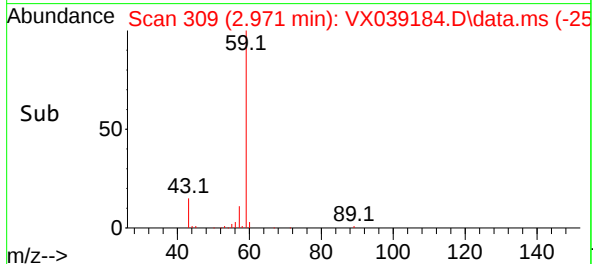
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



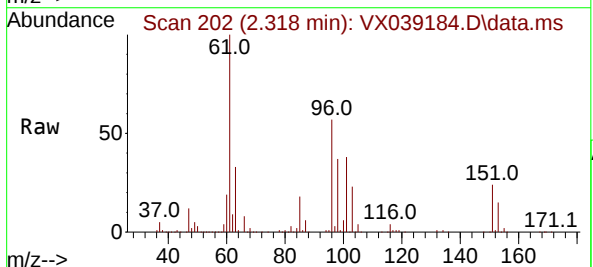
Tgt Ion: 59 Resp: 279589
Ion Ratio Lower Upper
59 100
57 10.6 6.0 9.0

Manual Integrations
APPROVED

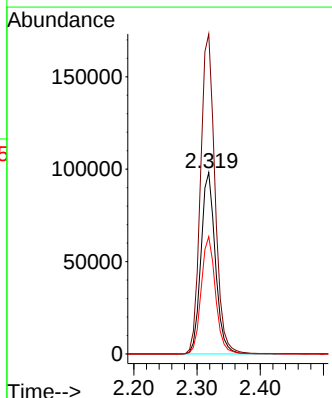
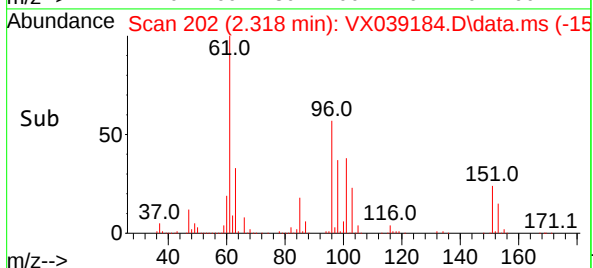
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

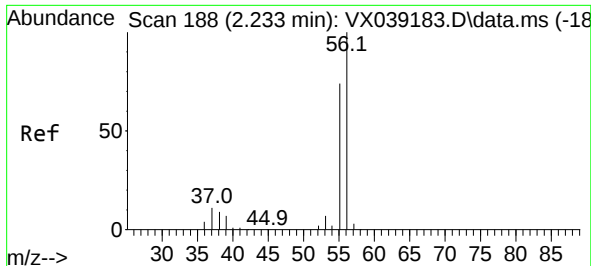


#12
1,1-Dichloroethene
Concen: 96.061 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43



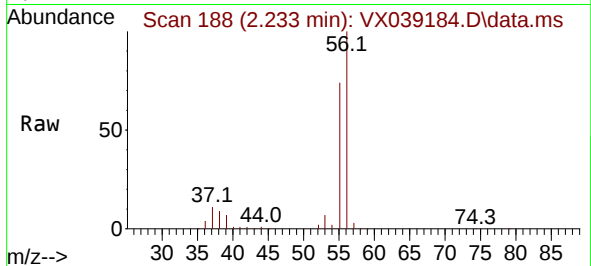
Tgt Ion: 96 Resp: 155720
Ion Ratio Lower Upper
96 100
61 176.4 144.6 216.8
98 64.7 50.4 75.6





#13
Acrolein
Concen: 496.793 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

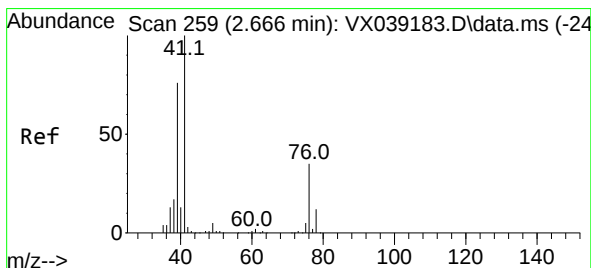
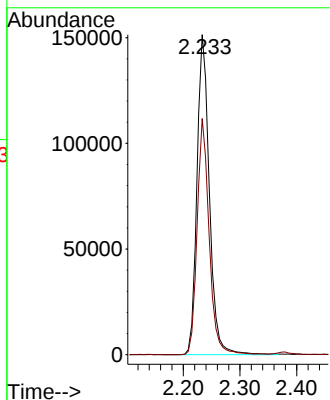
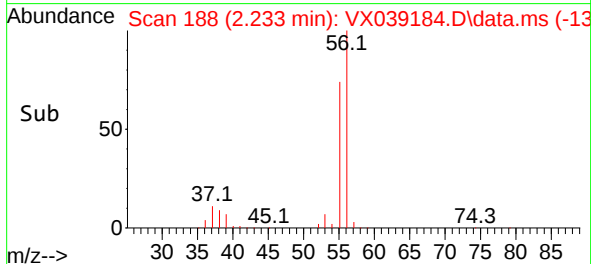
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 229827
Ion Ratio Lower Upper
56 100
55 71.8 57.1 85.7

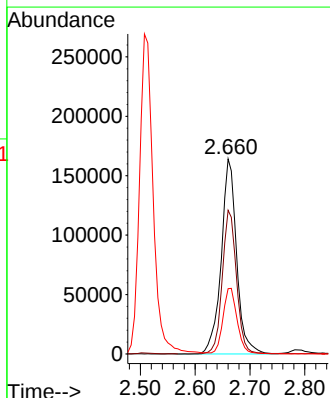
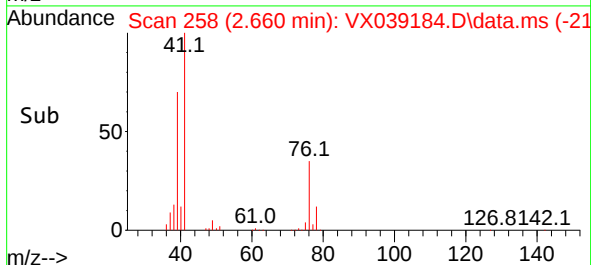
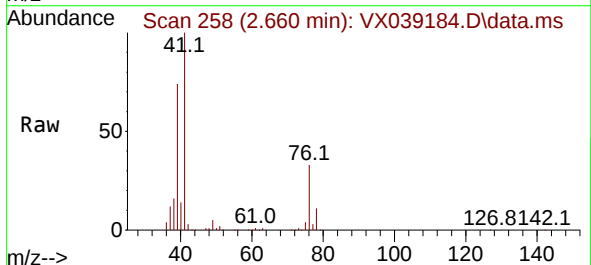
Manual Integrations
APPROVED

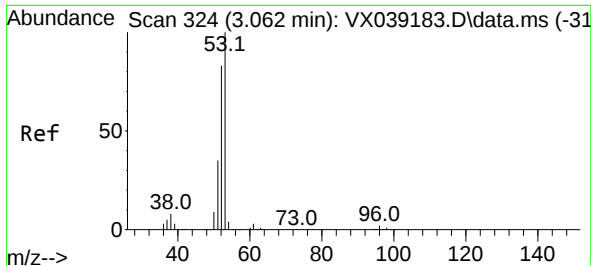
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#14
Allyl chloride
Concen: 98.248 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

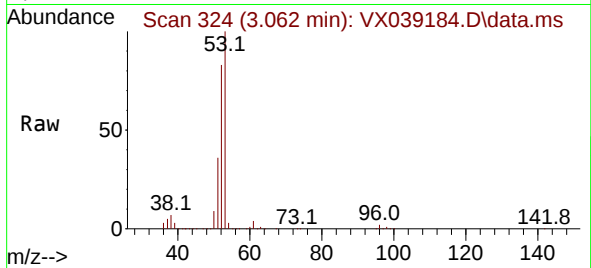
Tgt Ion: 41 Resp: 322632
Ion Ratio Lower Upper
41 100
39 67.9 55.8 83.6
76 30.8 24.3 36.5





#15
Acrylonitrile
Concen: 485.860 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

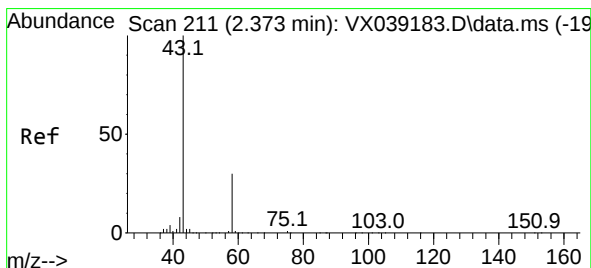
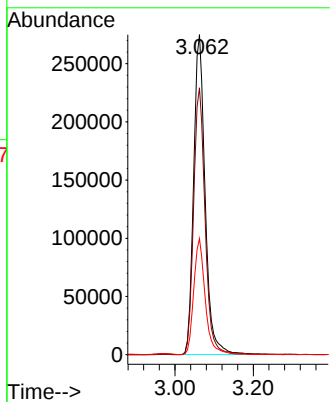
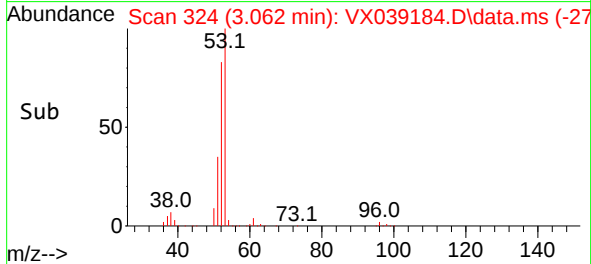
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



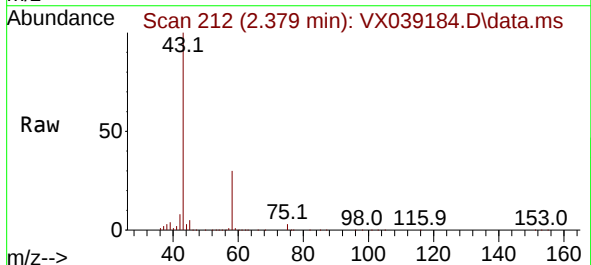
Tgt Ion: 53 Resp: 56395
Ion Ratio Lower Upper
53 100
52 83.5 66.0 99.0
51 36.2 29.8 44.6

Manual Integrations
APPROVED

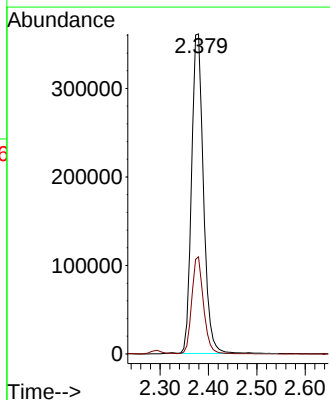
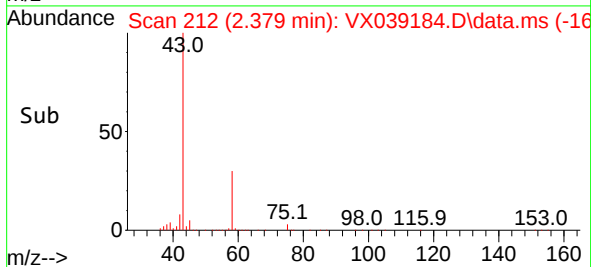
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

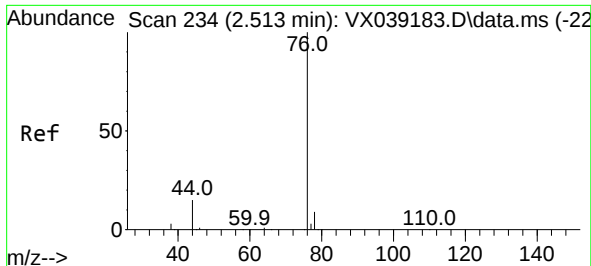


#16
Acetone
Concen: 486.335 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43



Tgt Ion: 43 Resp: 617303
Ion Ratio Lower Upper
43 100
58 30.4 21.9 32.9





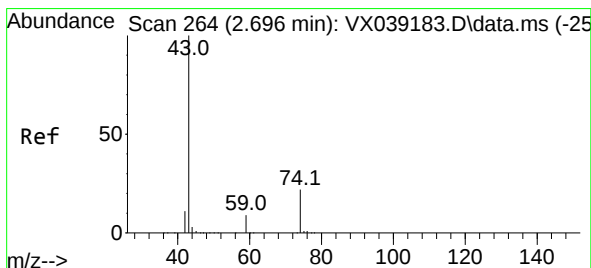
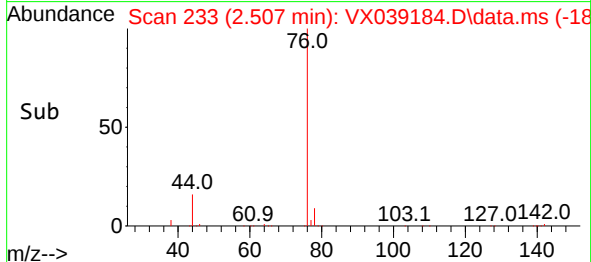
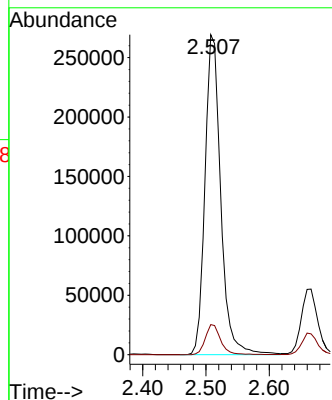
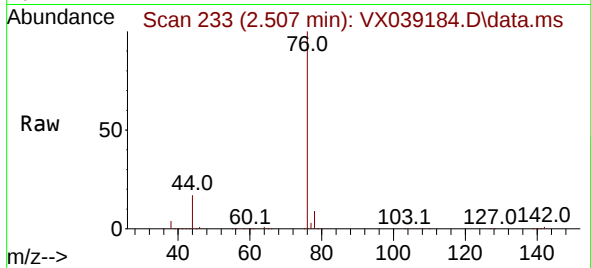
#17
Carbon Disulfide
Concen: 98.457 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 76 Resp: 46705
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

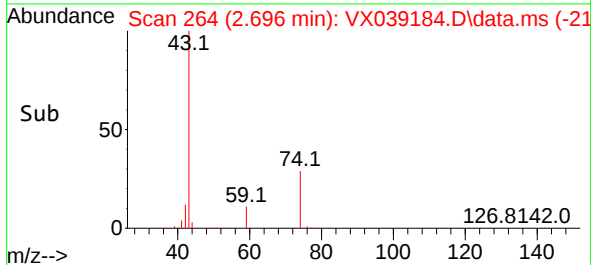
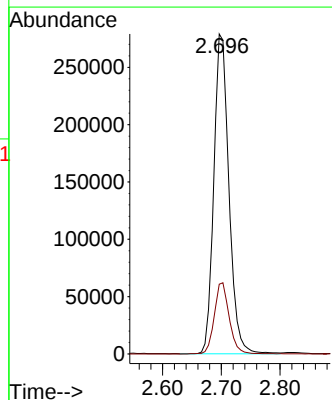
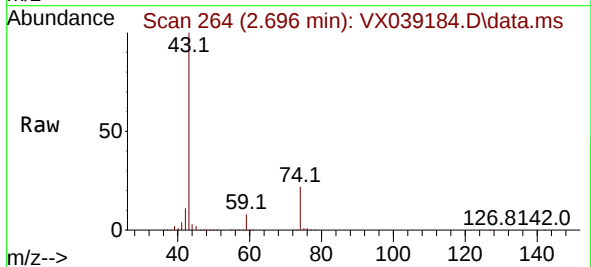
Manual Integrations
APPROVED

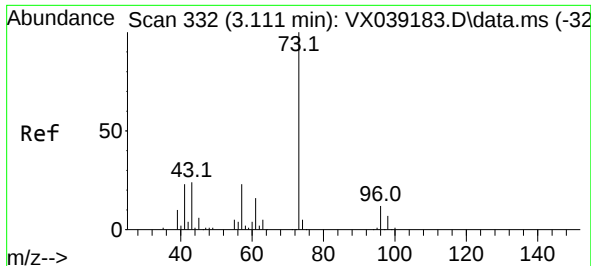
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#18
Methyl Acetate
Concen: 99.754 ug/l
RT: 2.696 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Tgt Ion: 43 Resp: 498253
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.8





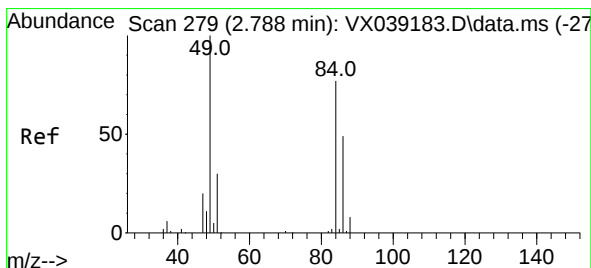
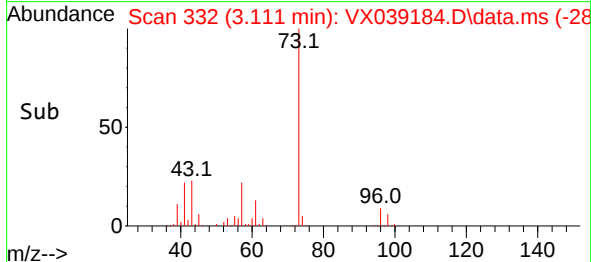
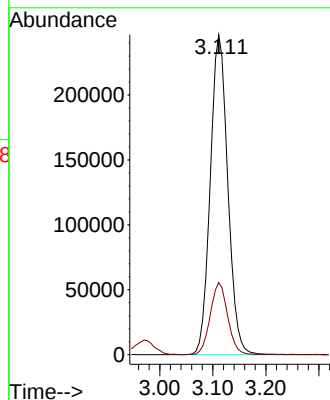
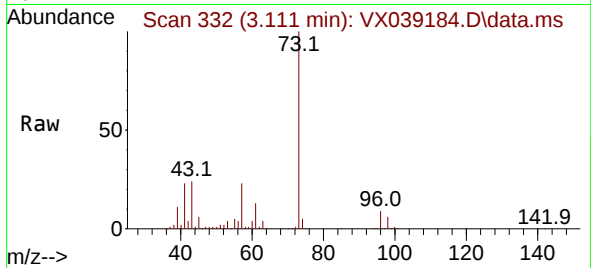
#19
Methyl tert-butyl Ether
Concen: 96.380 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 565040
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9

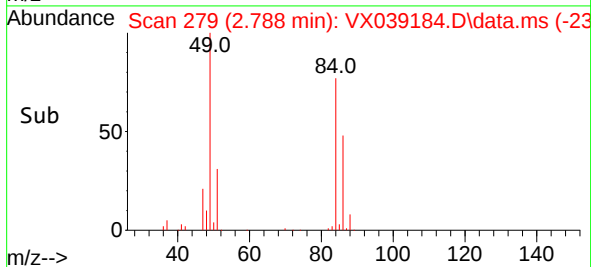
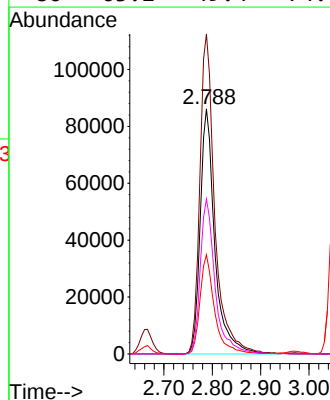
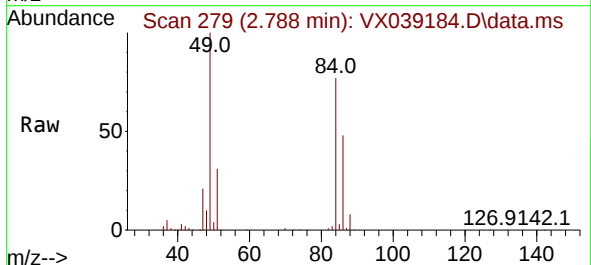
Manual Integrations
APPROVED

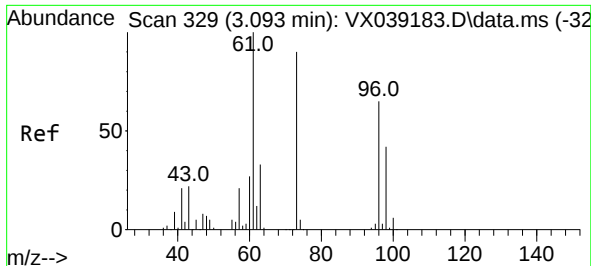
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#20
Methylene Chloride
Concen: 94.160 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

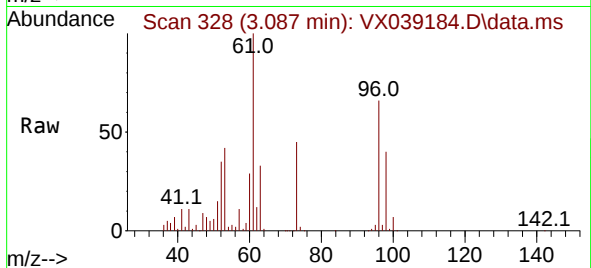
Tgt Ion: 84 Resp: 181263
Ion Ratio Lower Upper
84 100
49 130.5 103.6 155.4
51 40.5 33.8 50.6
86 63.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 94.993 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

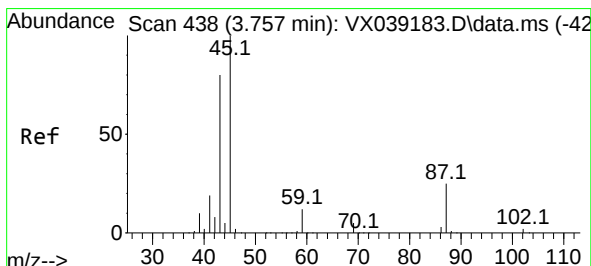
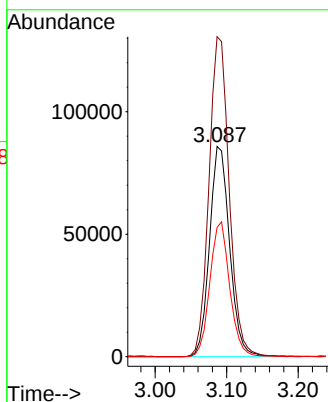
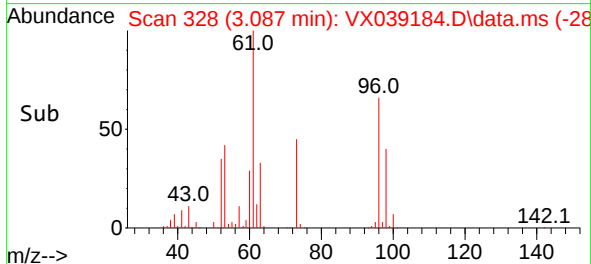
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 167560
Ion Ratio Lower Upper
96 100
61 152.2 119.2 178.8
98 61.5 48.7 73.1

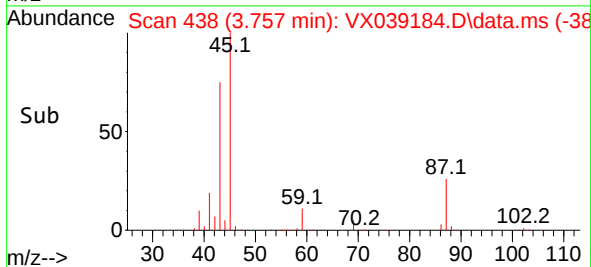
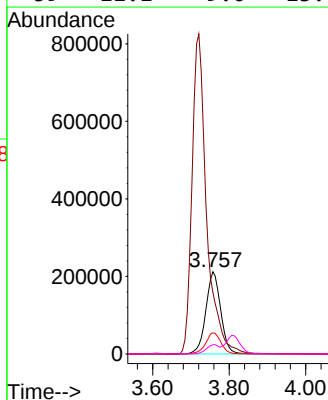
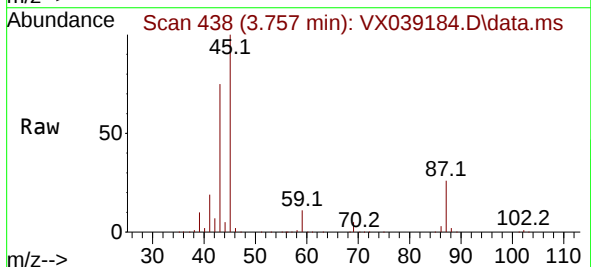
Manual Integrations
APPROVED

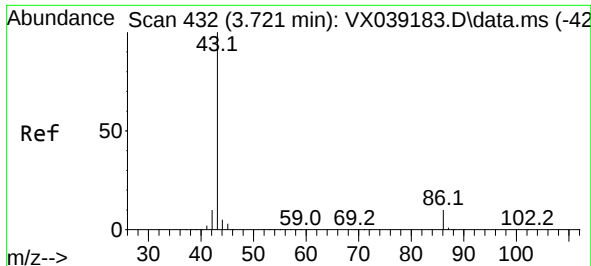
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#22
Diisopropyl ether
Concen: 95.220 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Tgt Ion: 45 Resp: 569193
Ion Ratio Lower Upper
45 100
43 74.7 69.7 104.5
87 25.8 20.8 31.2
59 11.1 9.0 13.4





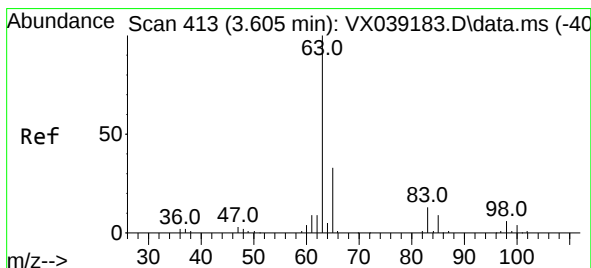
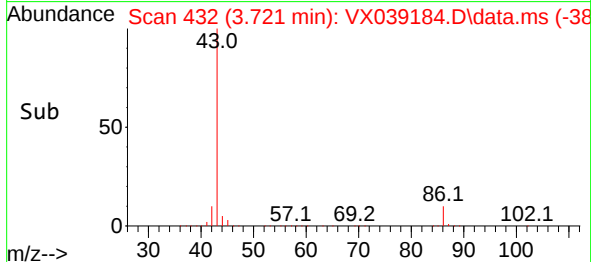
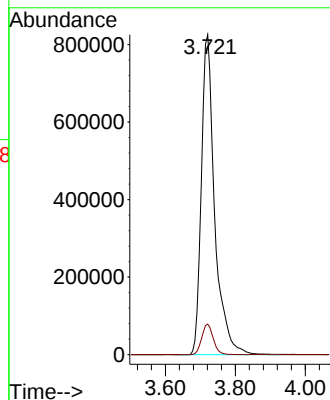
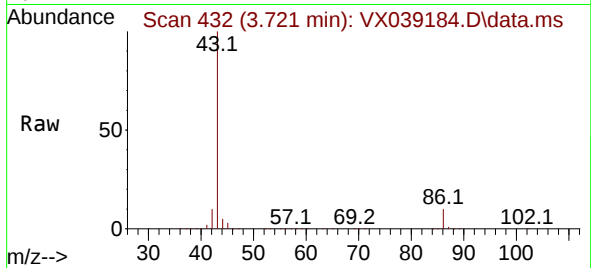
#23
 Vinyl Acetate
 Concen: 490.959 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039184.D
 Acq: 13 Dec 2023 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 218486
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8

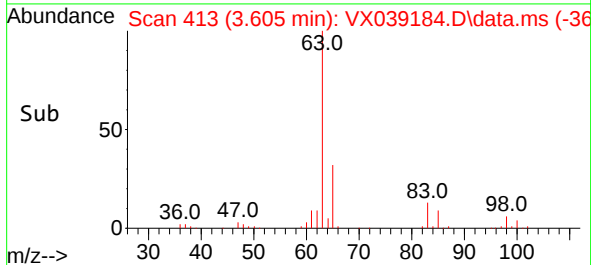
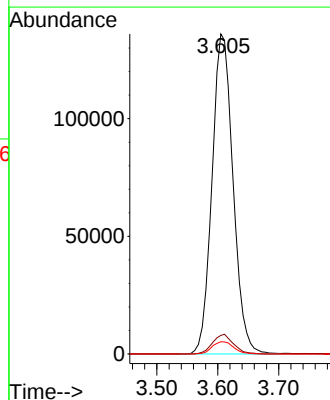
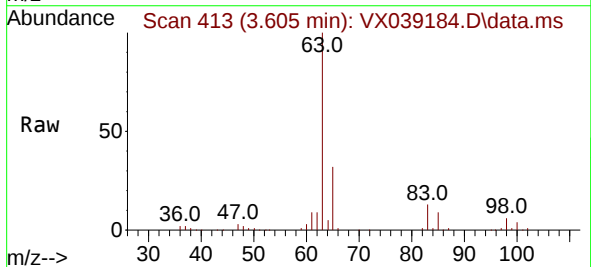
Manual Integrations
 APPROVED

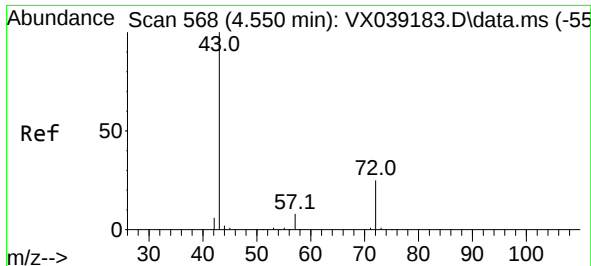
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#24
 1,1-Dichloroethane
 Concen: 96.548 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039184.D
 Acq: 13 Dec 2023 11:43

Tgt Ion: 63 Resp: 326244
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.8
 100 3.8 2.1 6.5





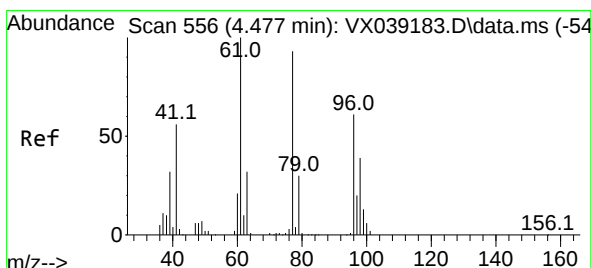
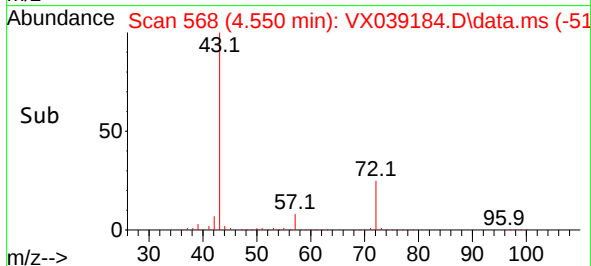
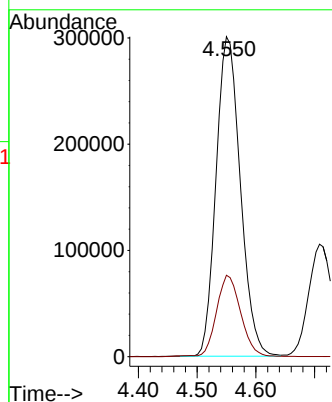
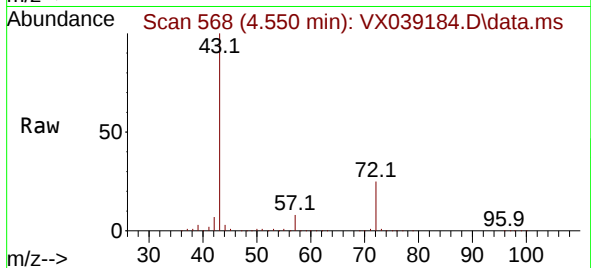
#25
2-Butanone
Concen: 433.026 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Instrument :
MSVOA_X
Client Sample Id :
VSTDIC100

Tgt Ion: 43 Resp: 86290
Ion Ratio Lower Upper
43 100
72 25.4 19.4 29.2

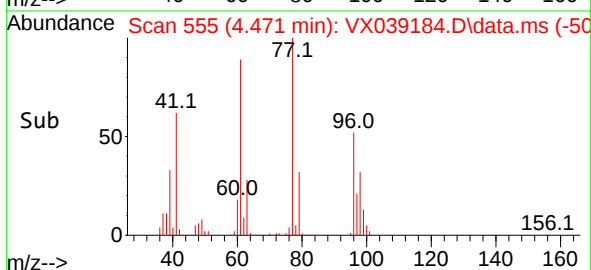
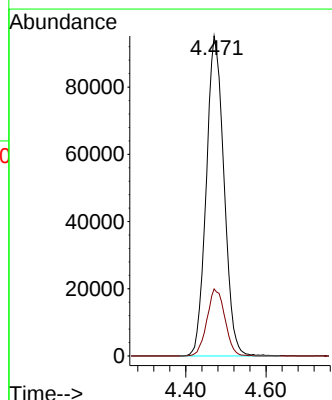
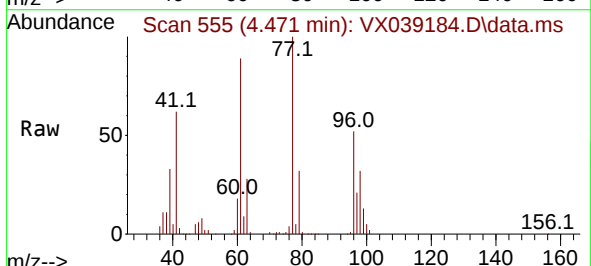
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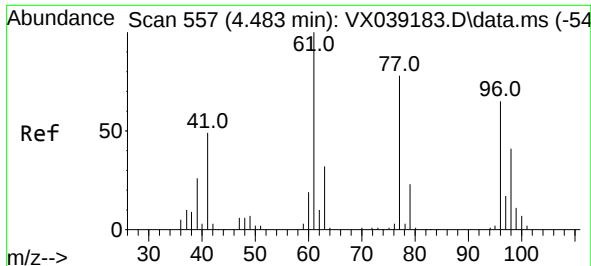
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#26
2,2-Dichloropropane
Concen: 98.834 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Tgt Ion: 77 Resp: 291565
Ion Ratio Lower Upper
77 100
97 21.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 98.806 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 192369

Ion Ratio Lower Upper

96 100

61 161.9 0.0 312.2

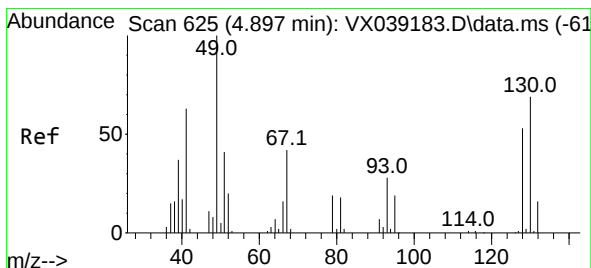
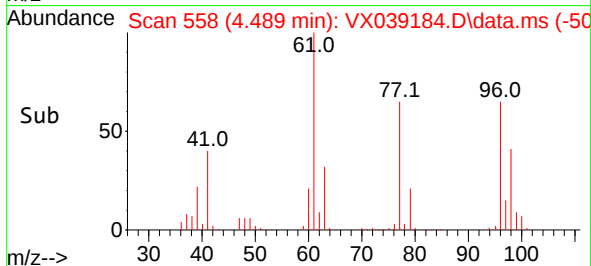
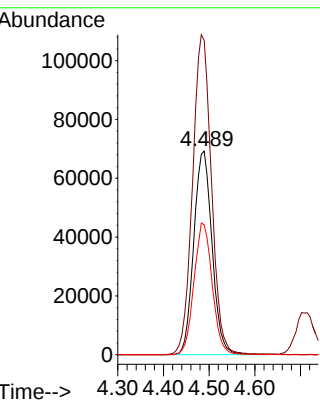
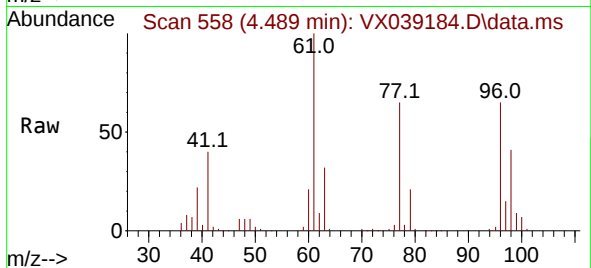
98 64.5 0.0 129.0

Manual Integrations

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Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#28

Bromochloromethane

Concen: 100.655 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

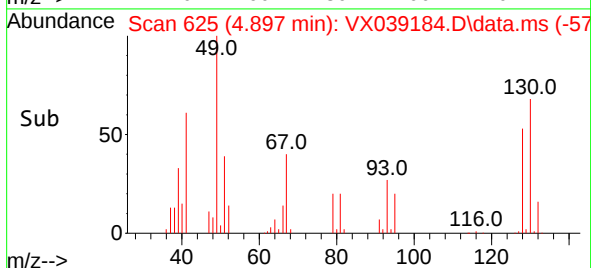
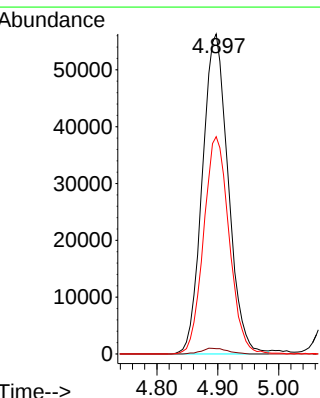
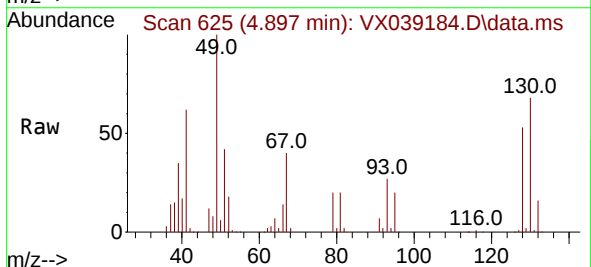
Tgt Ion: 49 Resp: 165955

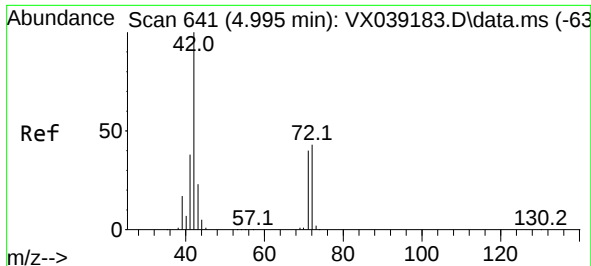
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 67.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 486.538 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 535424

Ion Ratio Lower Upper

42 100

72 42.8 34.2 51.4

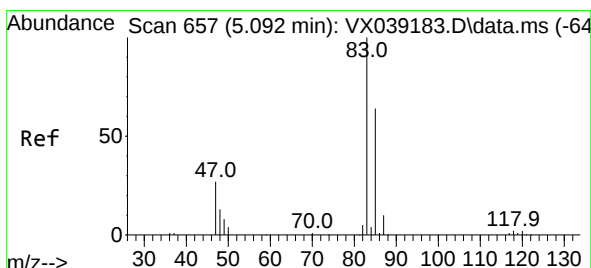
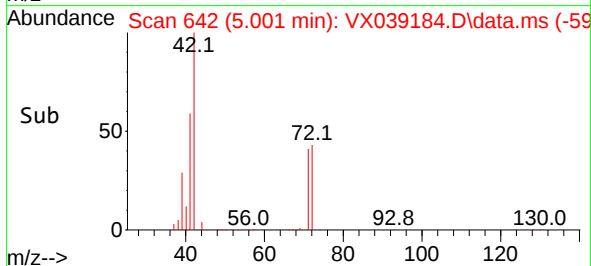
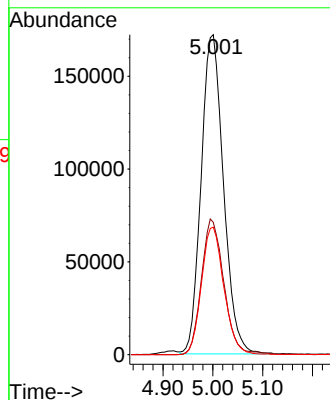
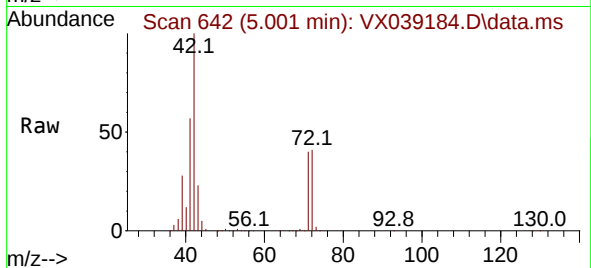
71 40.2 32.2 48.2

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Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#30

Chloroform

Concen: 96.640 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039184.D

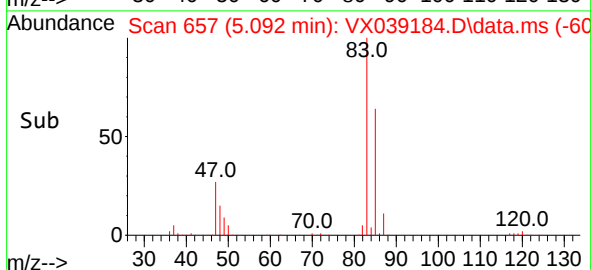
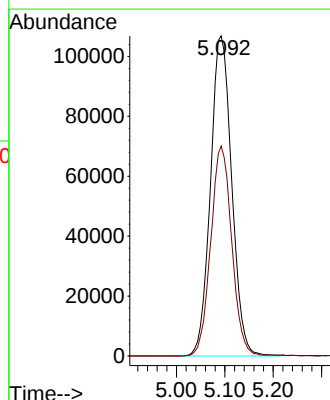
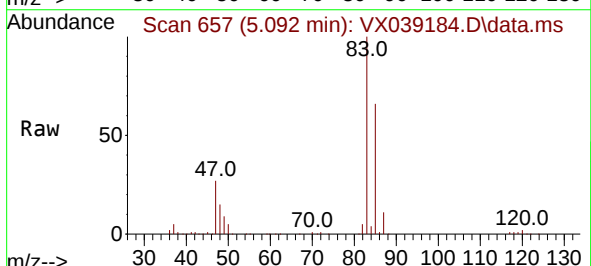
Acq: 13 Dec 2023 11:43

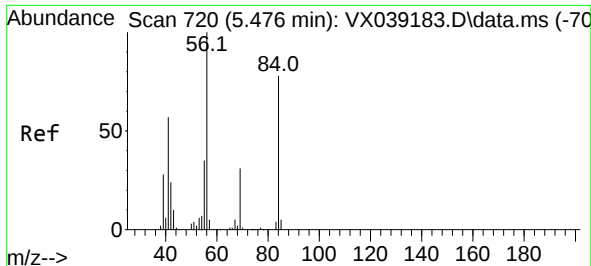
Tgt Ion: 83 Resp: 326334

Ion Ratio Lower Upper

83 100

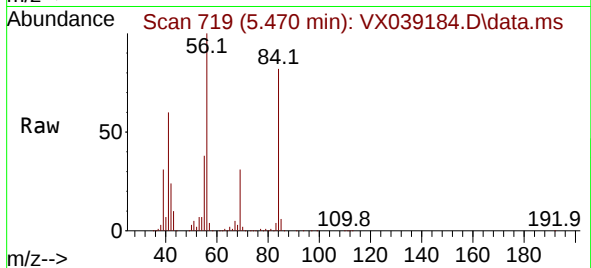
85 65.6 50.3 75.5





#31
Cyclohexane
Concen: 96.113 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

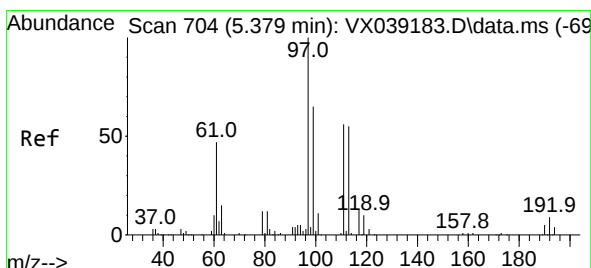
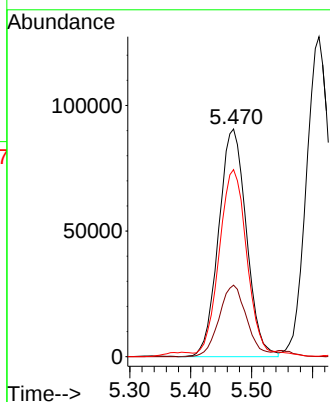
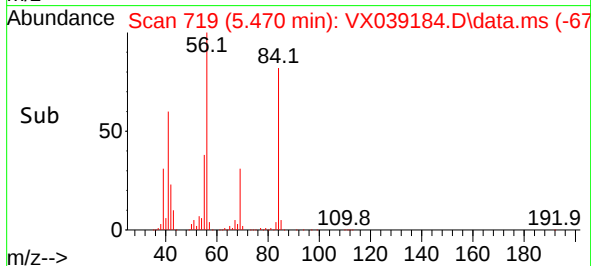
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



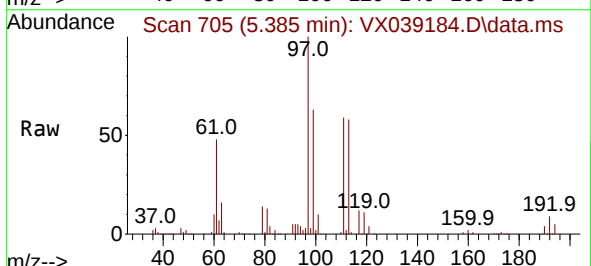
Tgt Ion: 56 Resp: 286674
Ion Ratio Lower Upper
56 100
69 31.4 23.4 35.2
84 80.4 65.9 98.9

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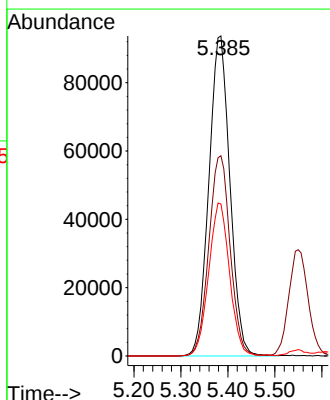
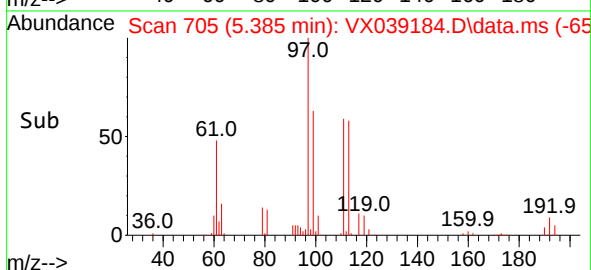
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

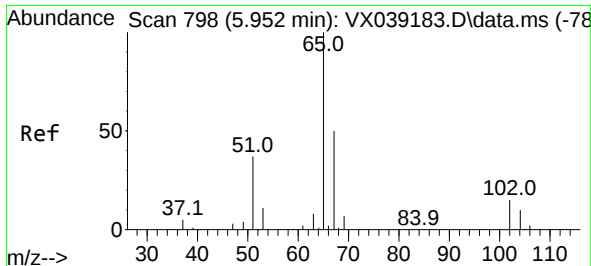


#32
1,1,1-Trichloroethane
Concen: 99.417 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43



Tgt Ion: 97 Resp: 291437
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 47.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 97.254 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 224580

Ion Ratio Lower Upper

65 100

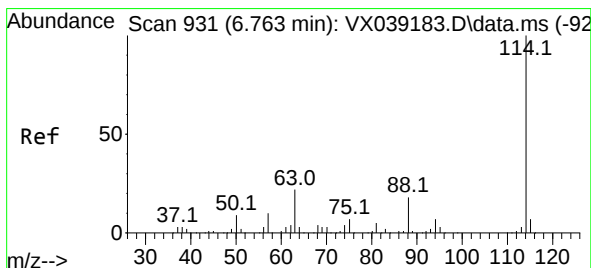
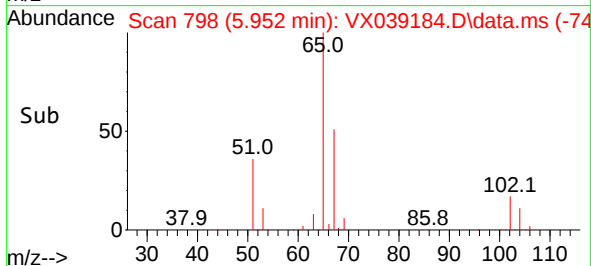
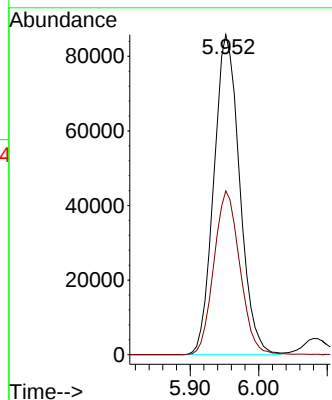
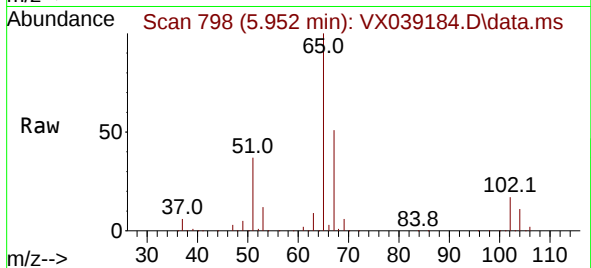
67 51.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

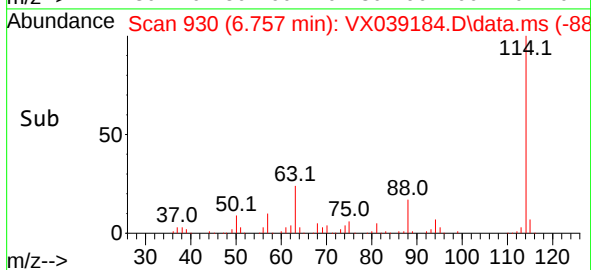
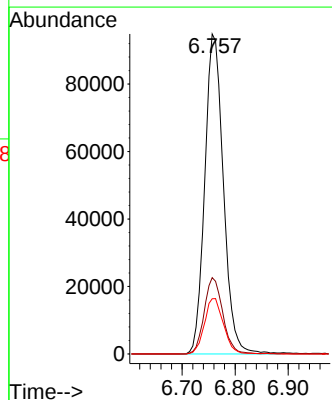
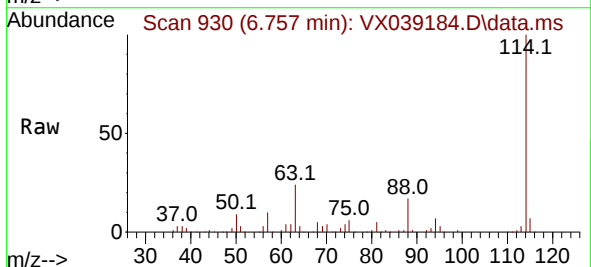
Tgt Ion:114 Resp: 231370

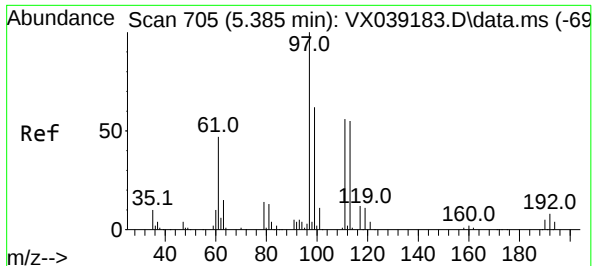
Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.0

88 17.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 98.309 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

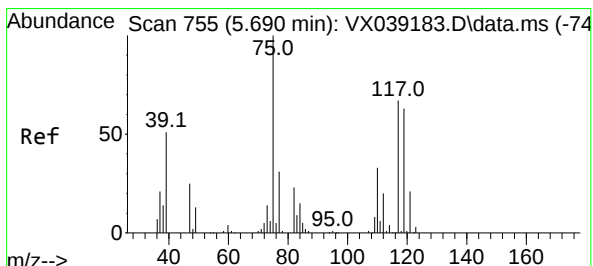
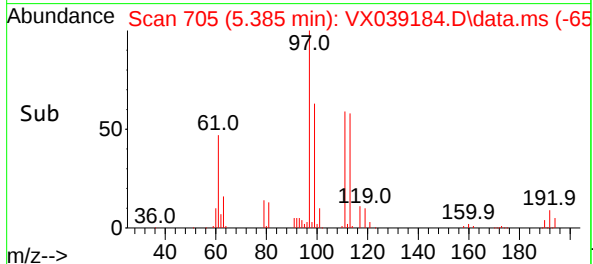
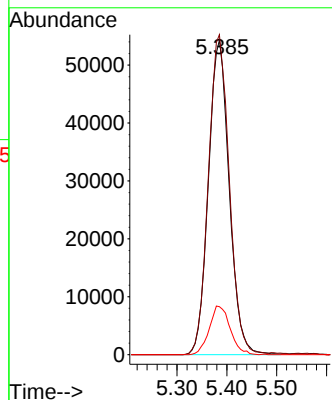
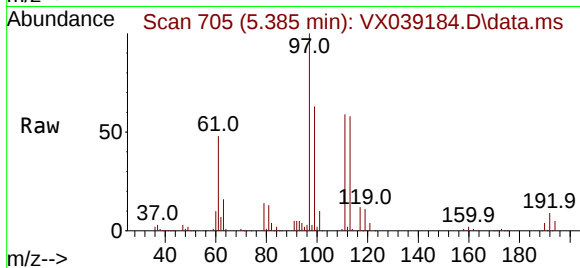
Tgt Ion:	113	Resp:	157139
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	15.6	13.3	19.9

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Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#36

1,1-Dichloropropene

Concen: 97.569 ug/l

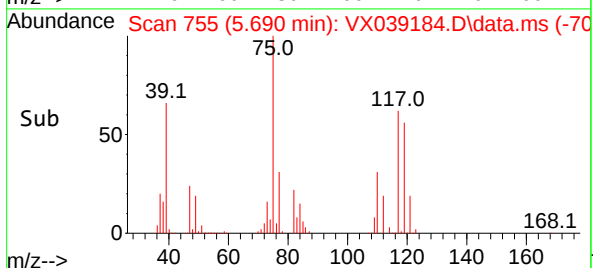
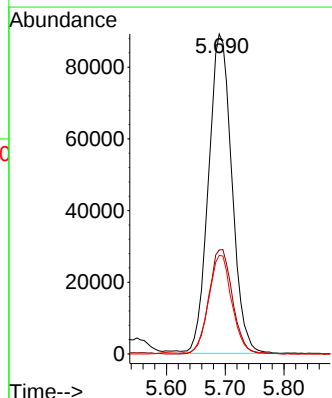
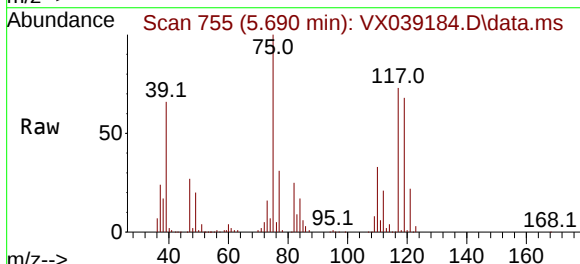
RT: 5.690 min Scan# 755

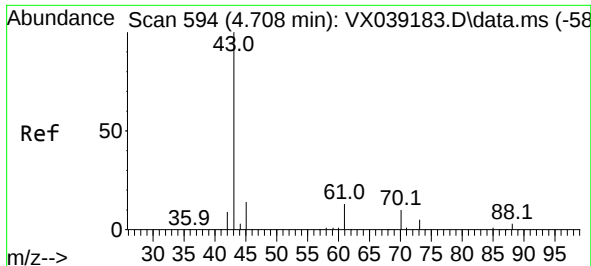
Delta R.T. 0.000 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

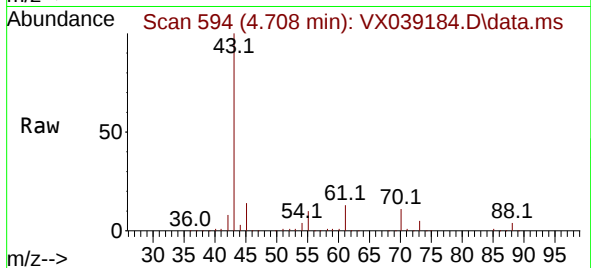
Tgt Ion:	75	Resp:	246104
Ion	Ratio	Lower	Upper
75	100		
110	33.1	17.0	50.9
77	30.9	24.7	37.1





#37
Ethyl Acetate
Concen: 98.539 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

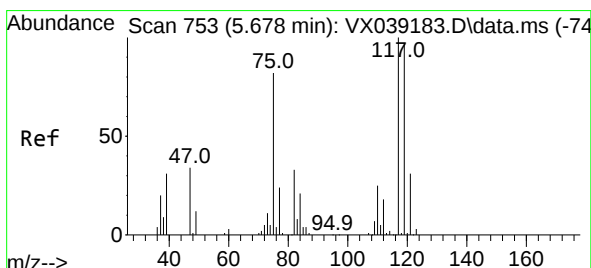
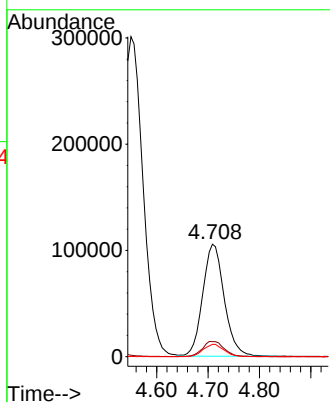
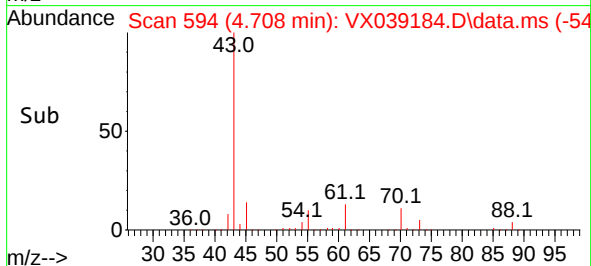
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 307072
Ion Ratio Lower Upper
43 100
61 13.4 10.6 16.0
70 10.7 8.3 12.5

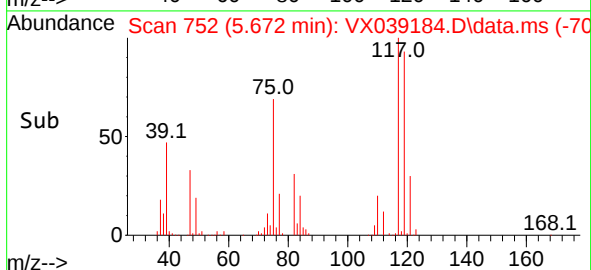
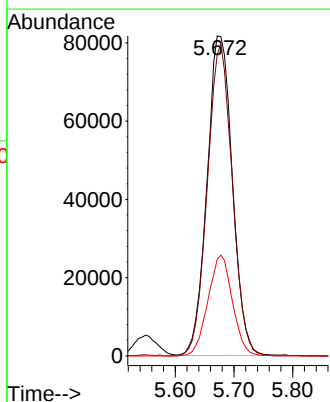
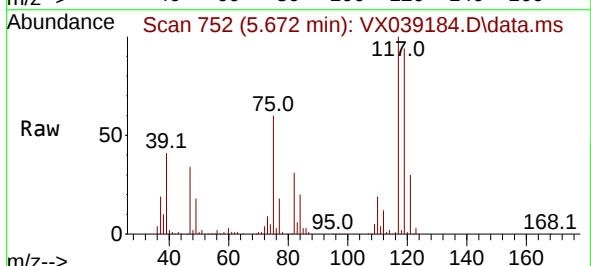
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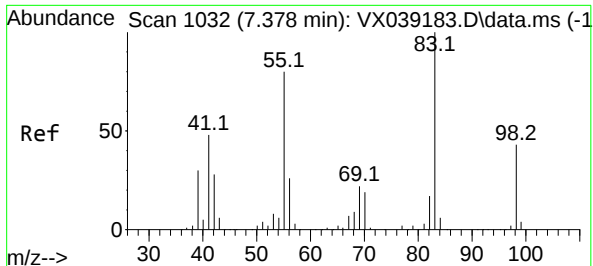
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#38
Carbon Tetrachloride
Concen: 101.881 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Tgt Ion:117 Resp: 245240
Ion Ratio Lower Upper
117 100
119 94.3 78.2 117.2
121 30.3 24.4 36.6





#39

Methylcyclohexane

Concen: 97.590 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 29568

Ion Ratio Lower Upper

83 100

55 81.3 64.6 97.0

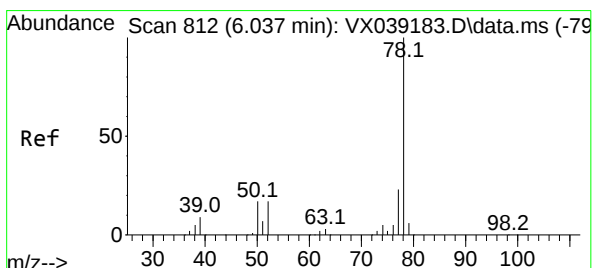
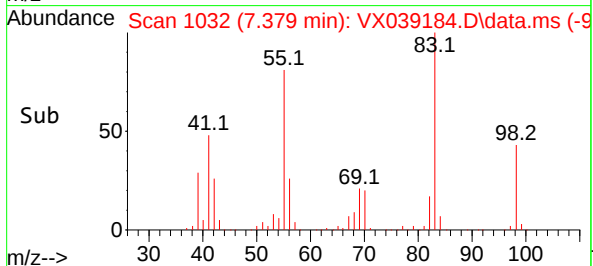
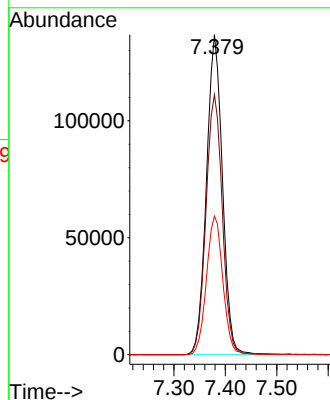
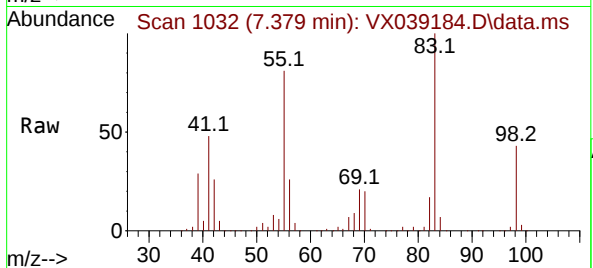
98 43.3 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#40

Benzene

Concen: 97.384 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX039184.D

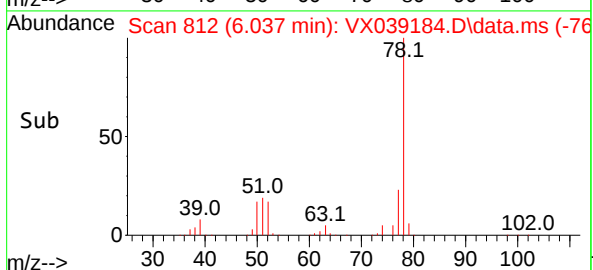
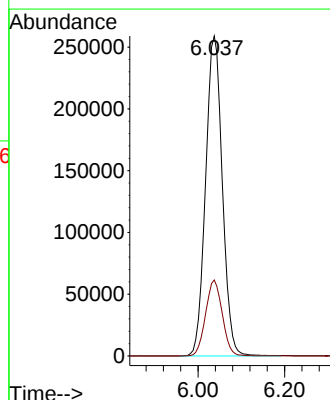
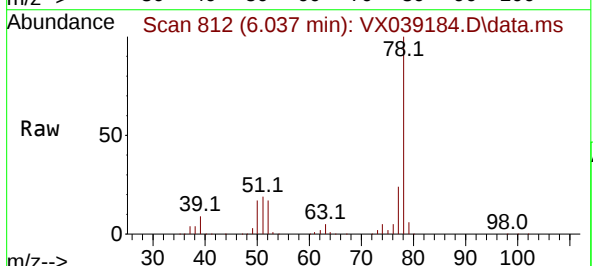
Acq: 13 Dec 2023 11:43

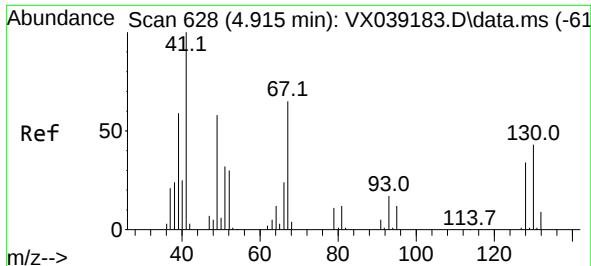
Tgt Ion: 78 Resp: 694843

Ion Ratio Lower Upper

78 100

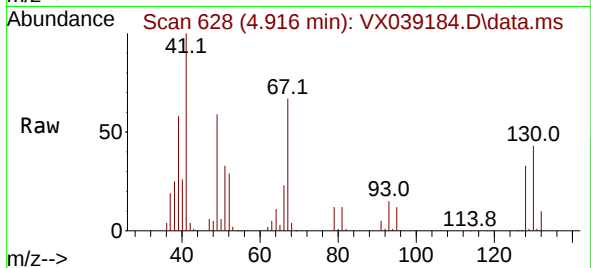
77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 98.990 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

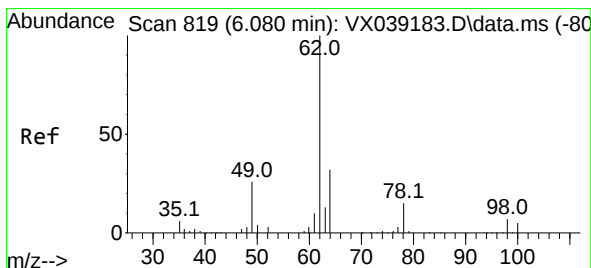
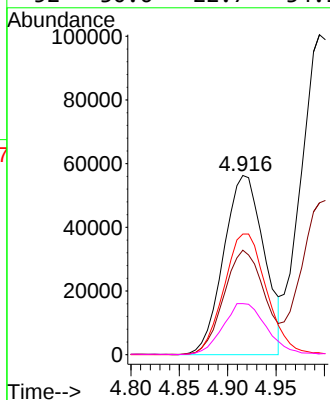
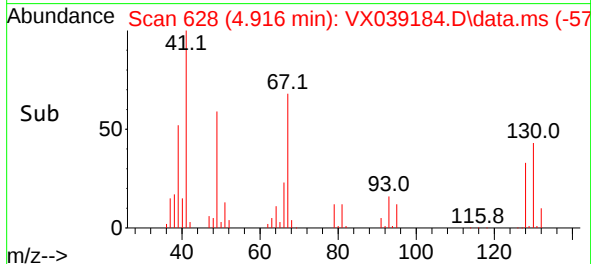
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 41 Resp: 16458
Ion Ratio Lower Upper
41 100
39 57.8 45.2 67.8
67 71.0 52.6 78.8
52 30.6 22.7 34.1

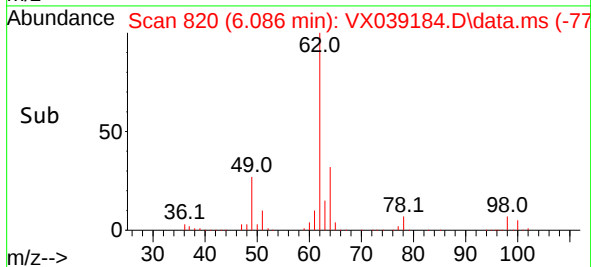
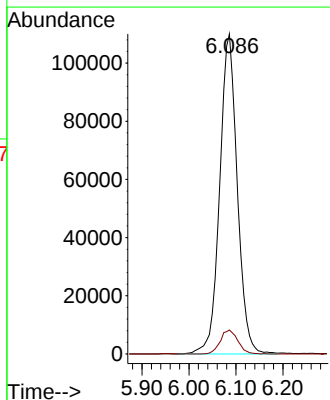
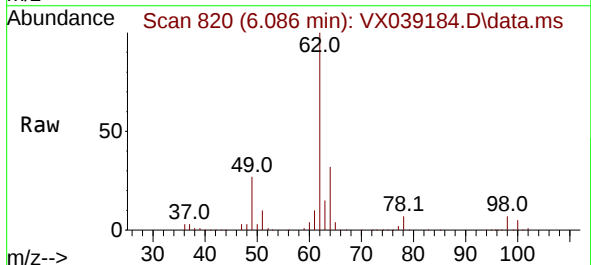
Manual Integrations
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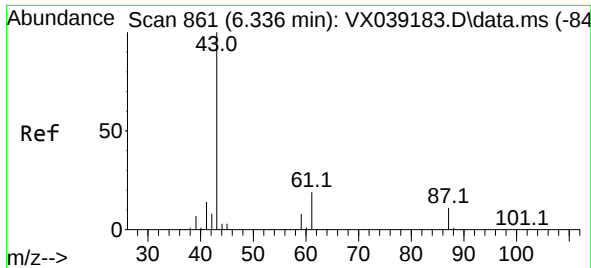
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#42
1,2-Dichloroethane
Concen: 99.363 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

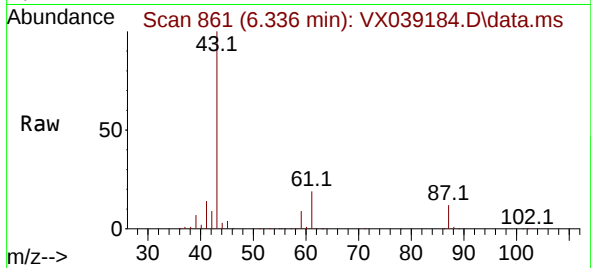
Tgt Ion: 62 Resp: 286984
Ion Ratio Lower Upper
62 100
98 7.5 0.0 16.0





#43
Isopropyl Acetate
Concen: 99.221 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

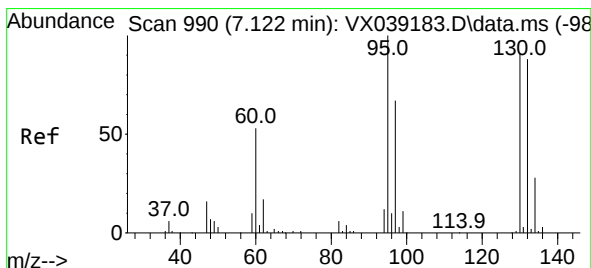
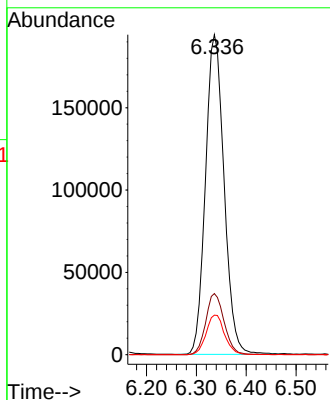
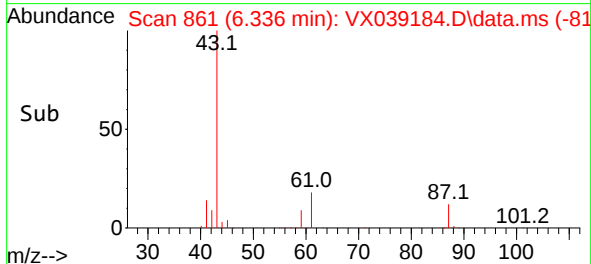
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 502800
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 12.3 9.8 14.6

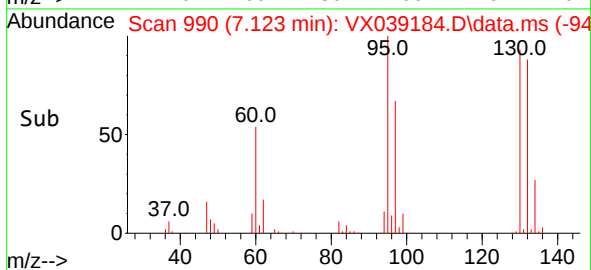
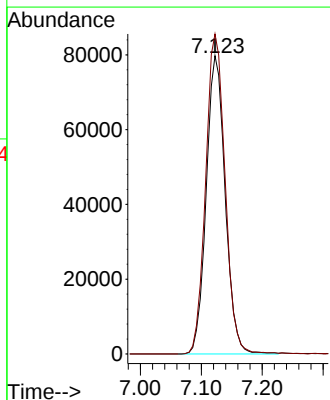
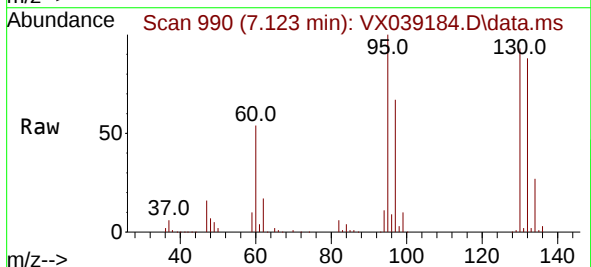
Manual Integrations
APPROVED

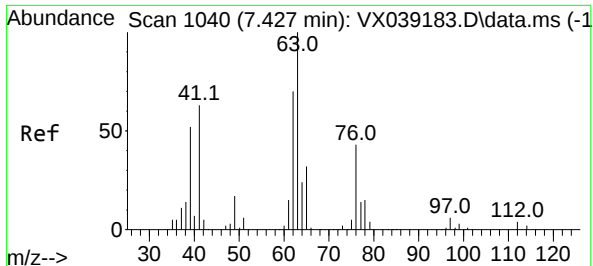
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#44
Trichloroethene
Concen: 96.012 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Tgt Ion:130 Resp: 172871
Ion Ratio Lower Upper
130 100
95 107.3 0.0 204.4





#45

1,2-Dichloropropane

Concen: 98.026 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 18771

Ion Ratio Lower Upper

63 100

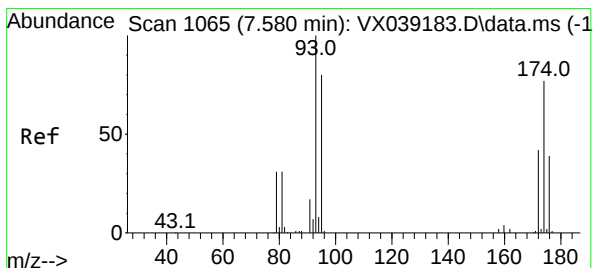
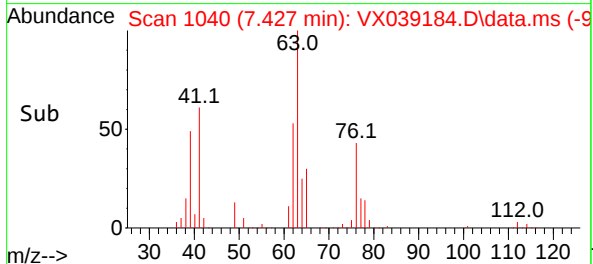
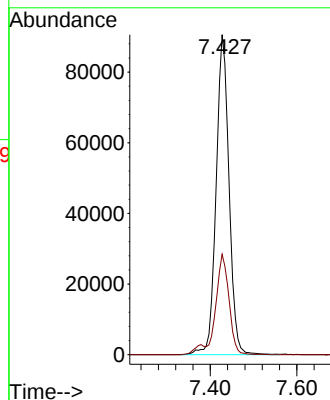
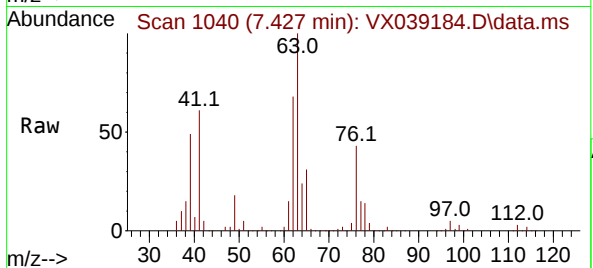
65 31.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#46

Dibromomethane

Concen: 98.583 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

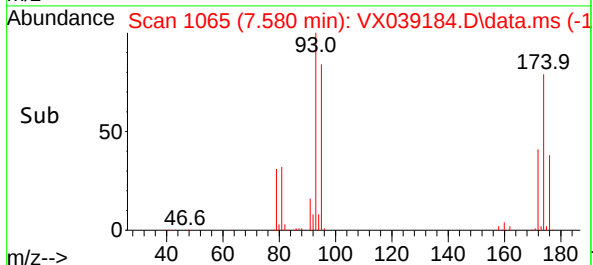
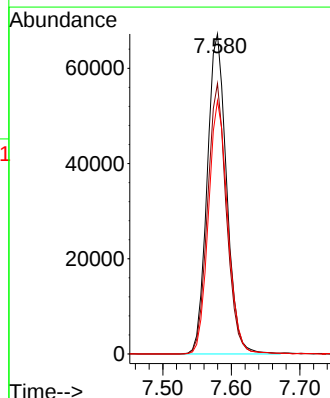
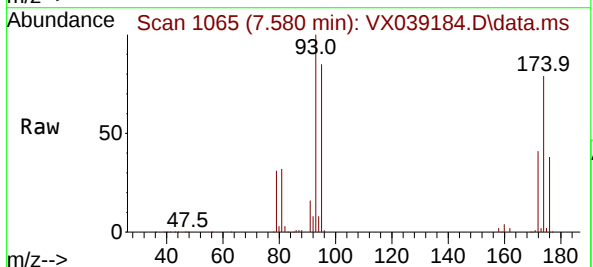
Tgt Ion: 93 Resp: 132703

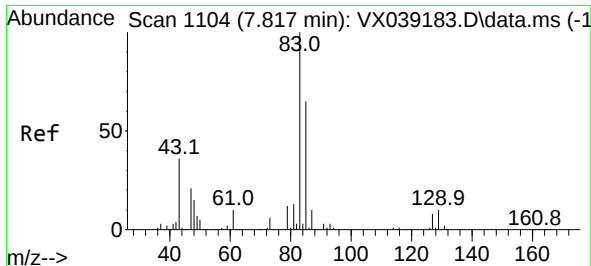
Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

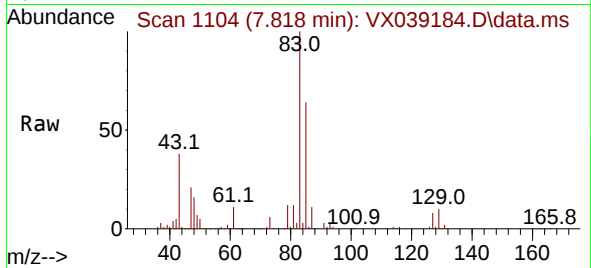
174 78.6 69.4 104.0





#47
Bromodichloromethane
Concen: 102.453 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

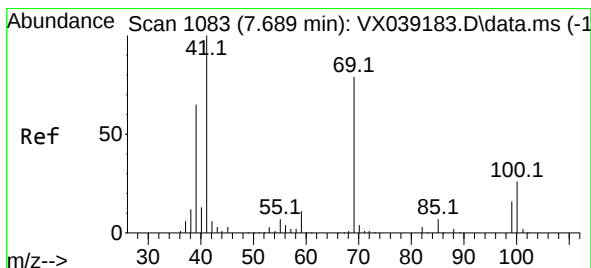
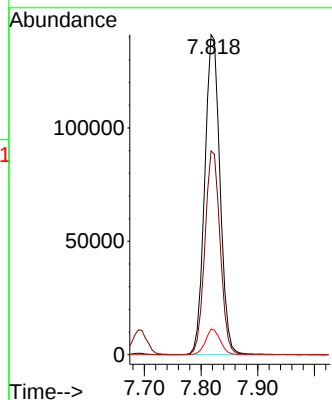
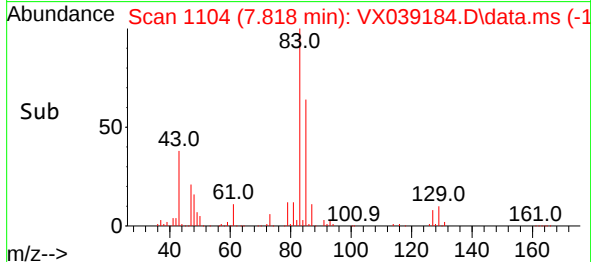
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 263692
Ion Ratio Lower Upper
83 100
85 63.7 49.8 74.6
127 8.0 7.1 10.7

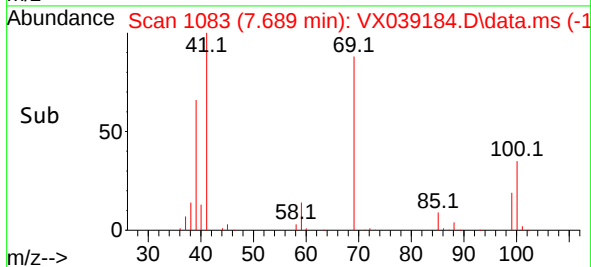
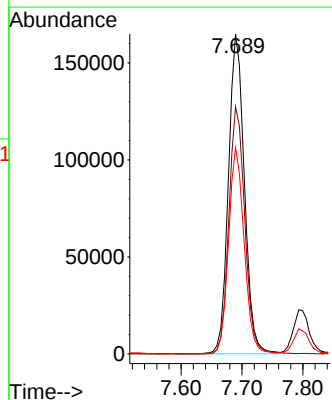
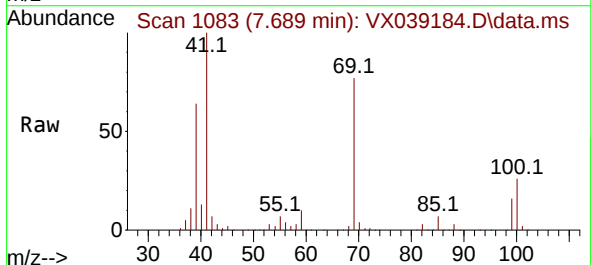
Manual Integrations
APPROVED

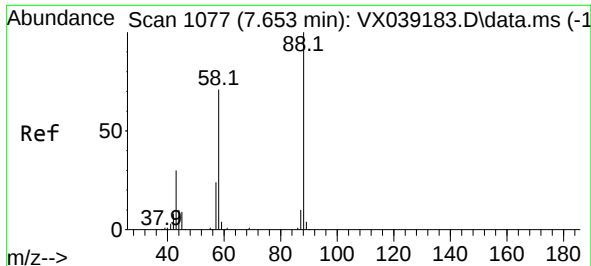
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#48
Methyl methacrylate
Concen: 101.340 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Tgt Ion: 41 Resp: 300221
Ion Ratio Lower Upper
41 100
69 77.6 59.2 88.8
39 63.1 47.7 71.5





#49

1,4-Dioxane

Concen: 2039.244 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

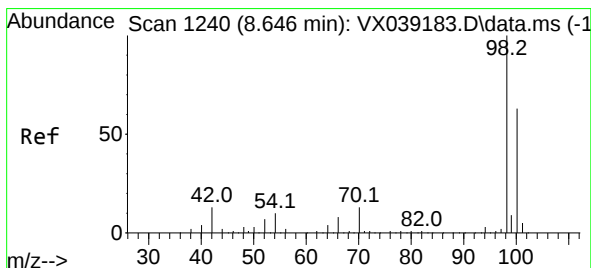
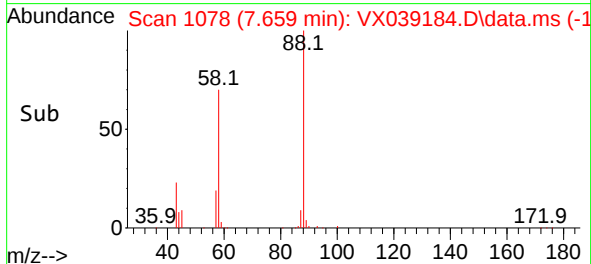
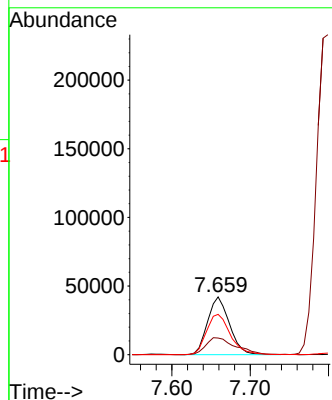
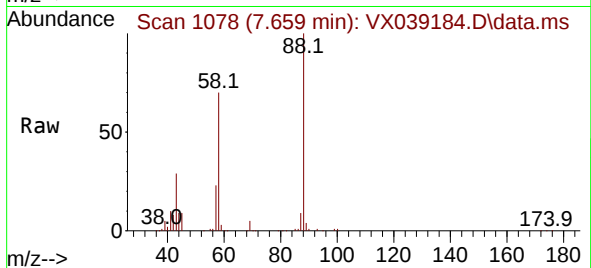
Tgt Ion: 88 Resp: 81434
 Ion Ratio Lower Upper
 88 100
 43 39.5 0.0 0.0
 58 76.2 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#50

Toluene-d8

Concen: 97.305 ug/l

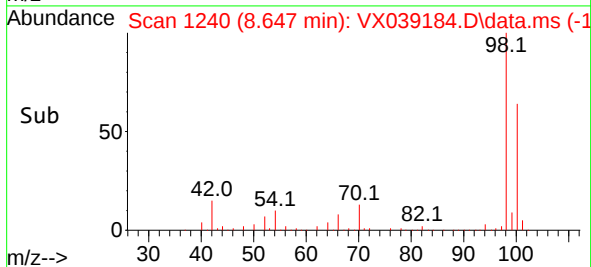
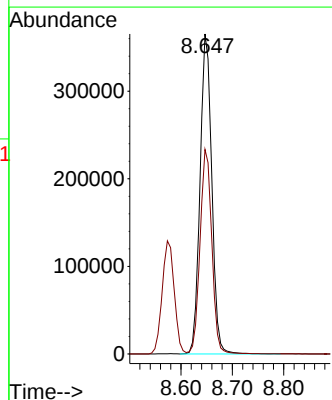
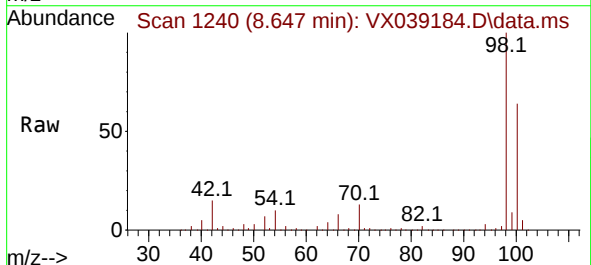
RT: 8.647 min Scan# 1240

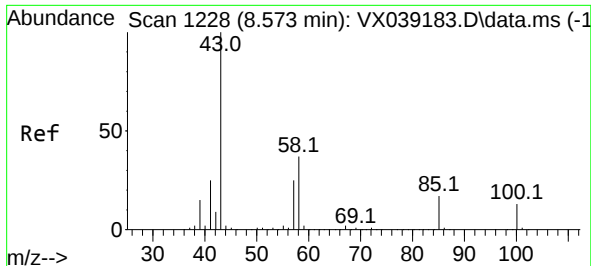
Delta R.T. 0.000 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

Tgt Ion: 98 Resp: 577422
 Ion Ratio Lower Upper
 98 100
 100 64.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 491.850 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 158804

Ion Ratio Lower Upper

43 100

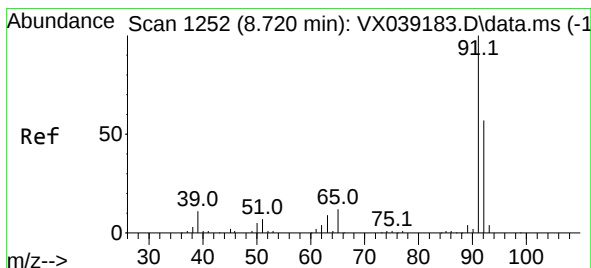
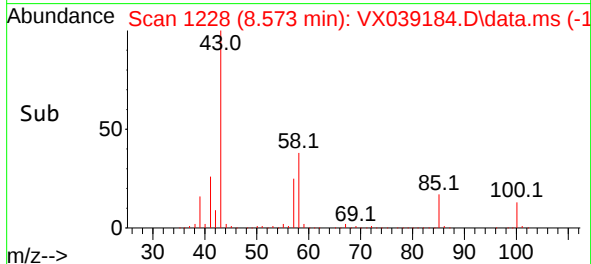
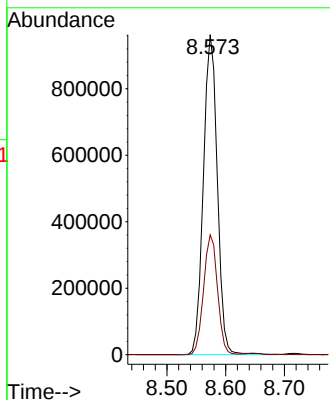
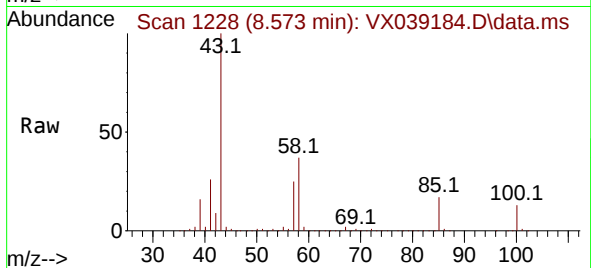
58 37.3 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#52

Toluene

Concen: 97.391 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX039184.D

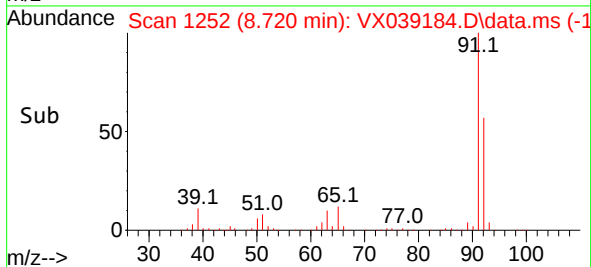
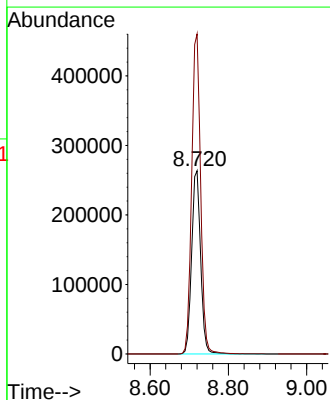
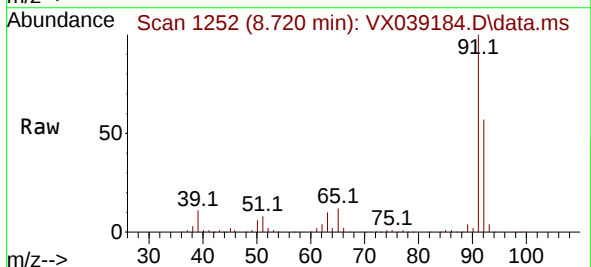
Acq: 13 Dec 2023 11:43

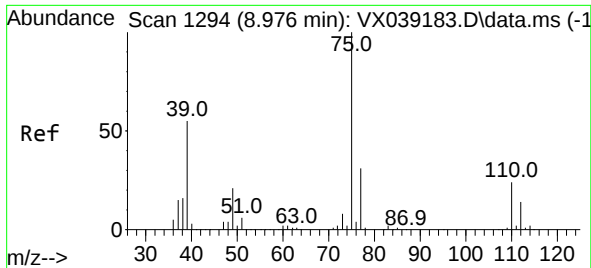
Tgt Ion: 92 Resp: 419415

Ion Ratio Lower Upper

92 100

91 174.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 105.208 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 75 Resp: 298110

Ion Ratio Lower Upper

75 100

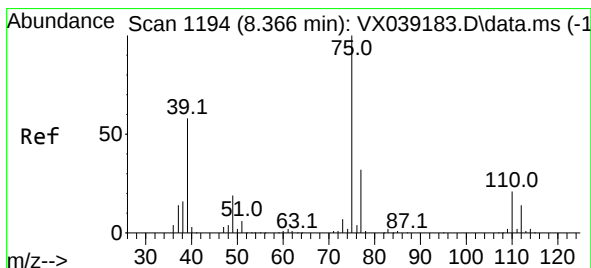
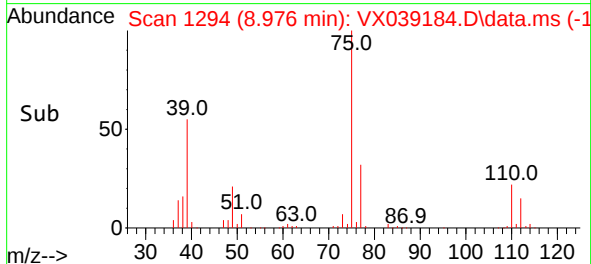
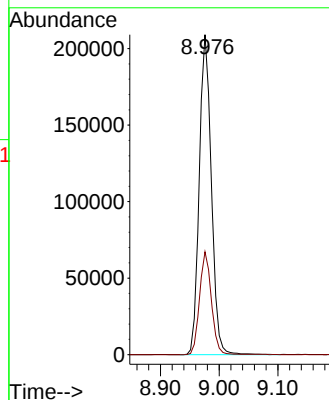
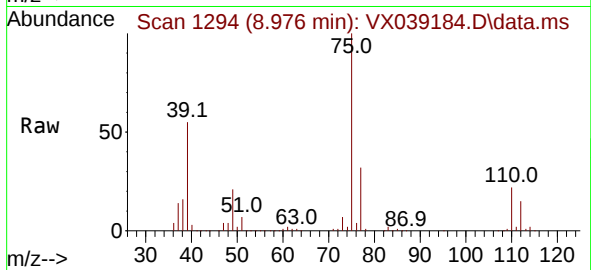
77 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#54

cis-1,3-Dichloropropene

Concen: 101.242 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

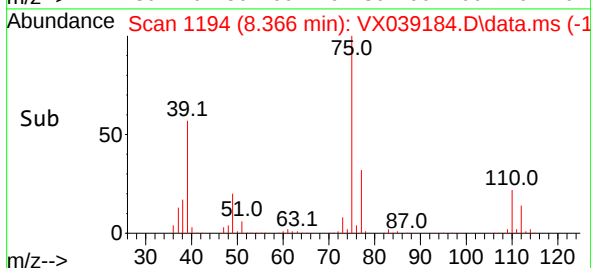
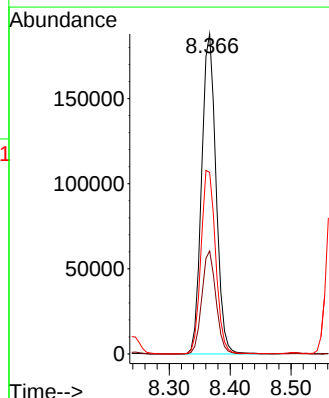
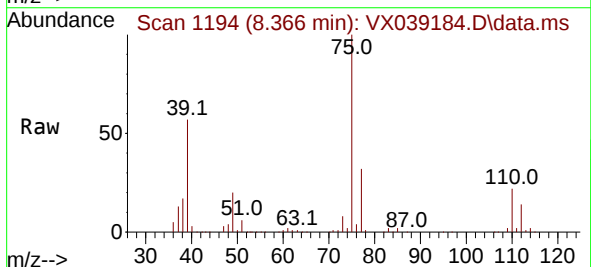
Tgt Ion: 75 Resp: 308677

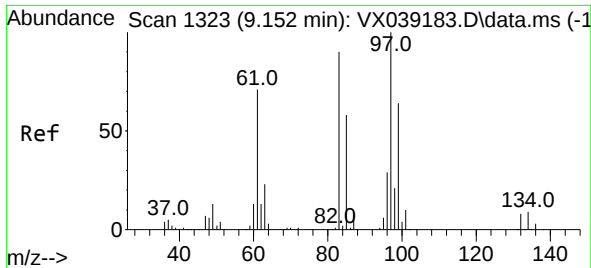
Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9

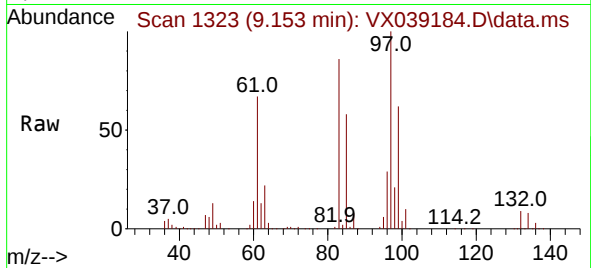
39 56.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 97.189 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

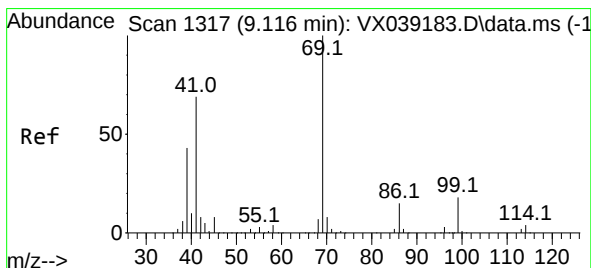
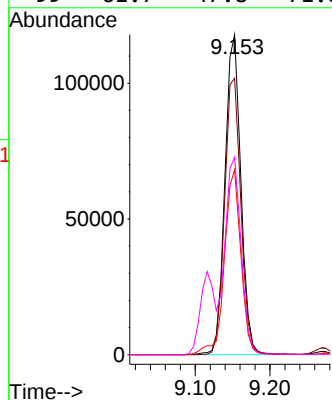
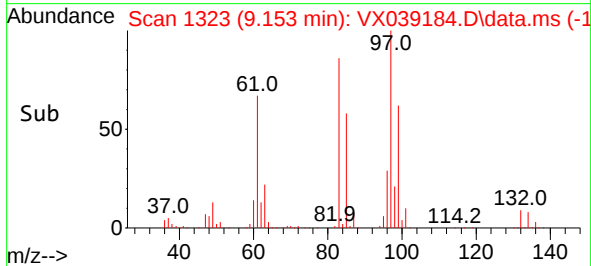


Tgt Ion: 97 Resp: 17473

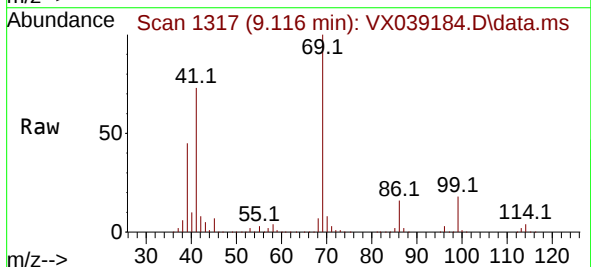
Ion	Ratio	Lower	Upper
97	100		
83	86.4	65.8	98.8
85	57.8	41.6	62.4
99	61.7	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

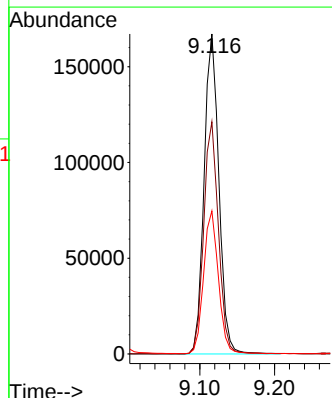
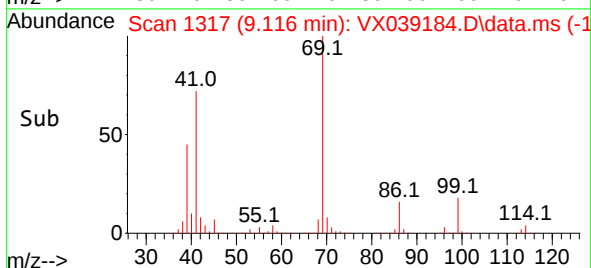


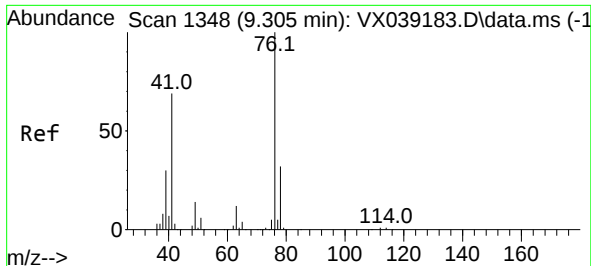
#56
Ethyl methacrylate
Concen: 104.603 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43



Tgt Ion: 69 Resp: 229582

Ion	Ratio	Lower	Upper
69	100		
41	72.2	56.8	85.2
39	44.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 97.770 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 30388

Ion Ratio Lower Upper

76 100

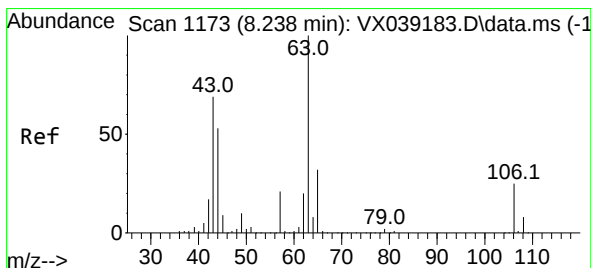
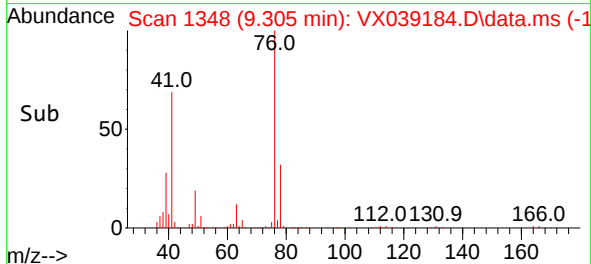
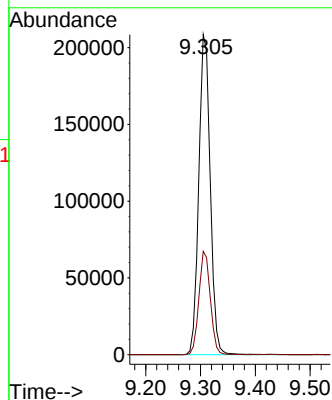
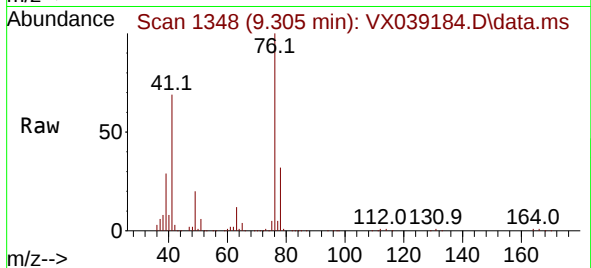
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 514.309 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX039184.D

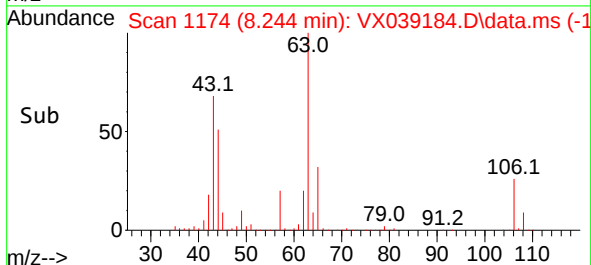
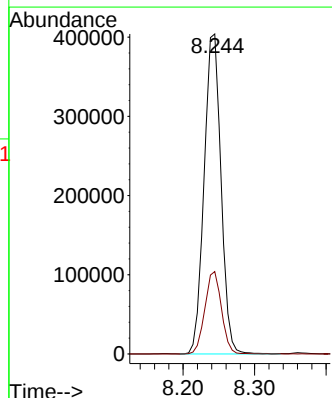
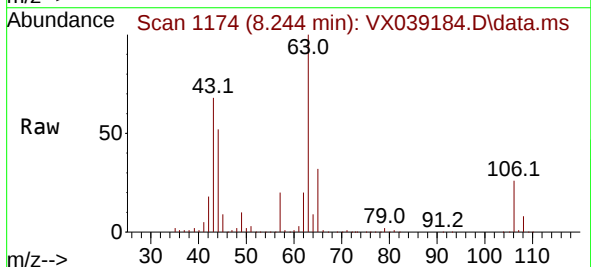
Acq: 13 Dec 2023 11:43

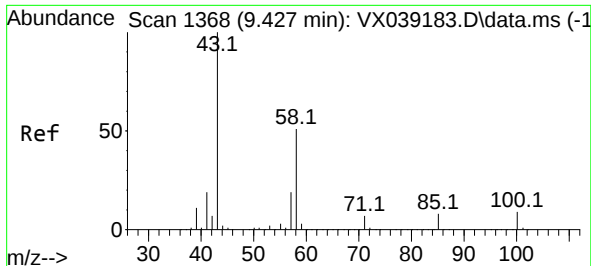
Tgt Ion: 63 Resp: 662818

Ion Ratio Lower Upper

63 100

106 25.4 22.5 33.7





#59

2-Hexanone

Concen: 469.756 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 130897

Ion Ratio Lower Upper

43 100

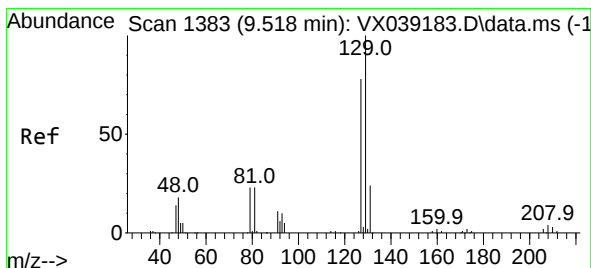
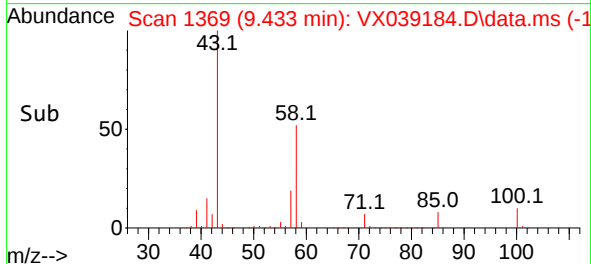
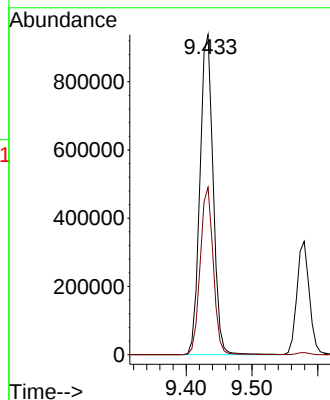
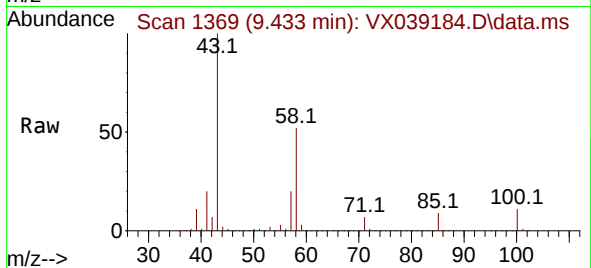
58 51.8 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#60

Dibromochloromethane

Concen: 103.029 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039184.D

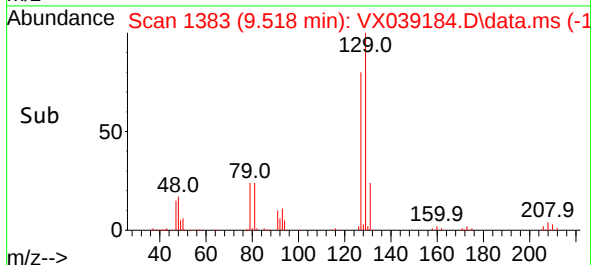
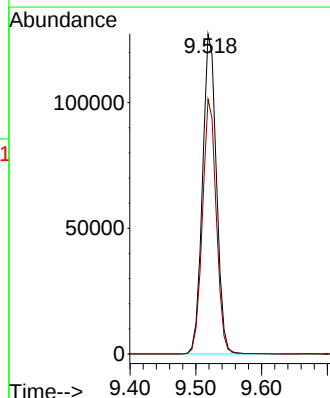
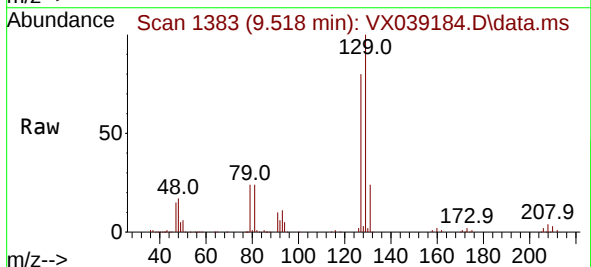
Acq: 13 Dec 2023 11:43

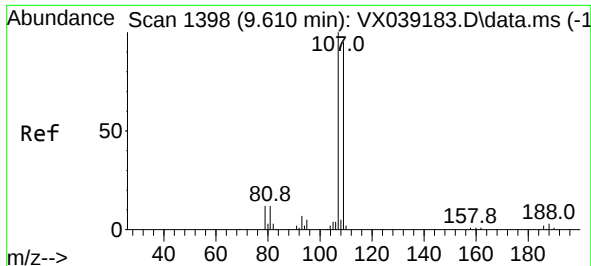
Tgt Ion:129 Resp: 187334

Ion Ratio Lower Upper

129 100

127 79.0 38.8 116.4





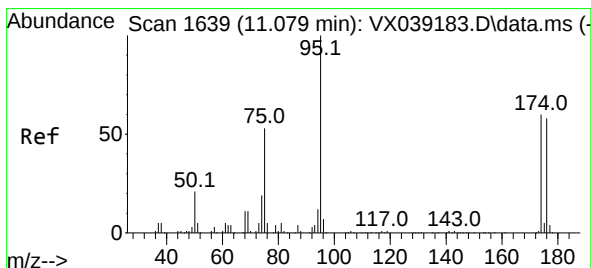
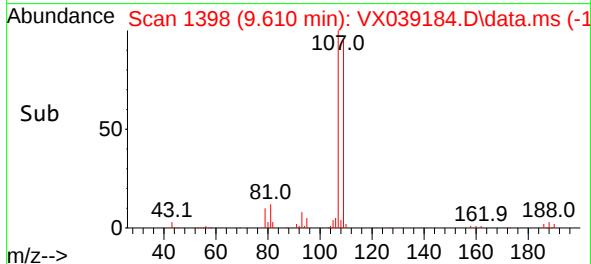
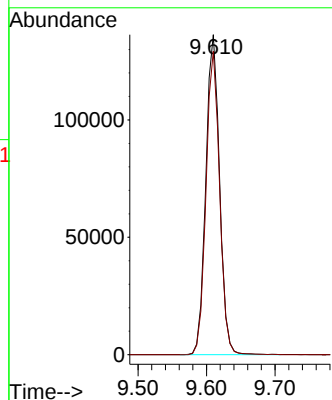
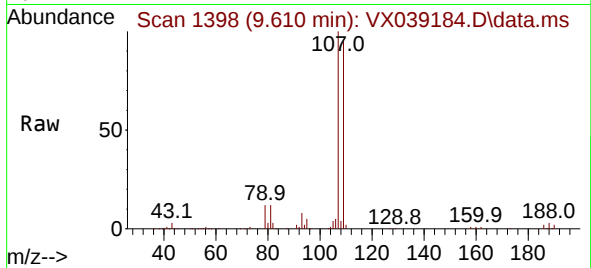
#61
1,2-Dibromoethane
Concen: 99.287 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 190560
Ion Ratio Lower Upper
107 100
109 93.7 75.2 112.8

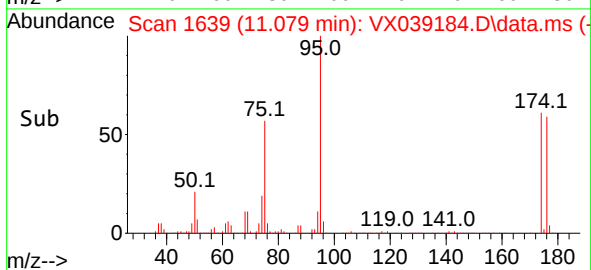
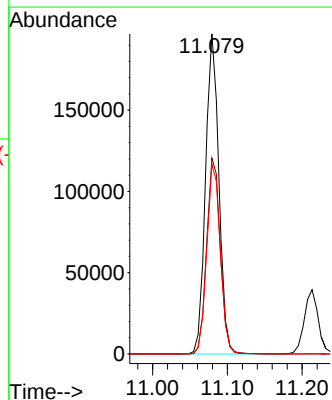
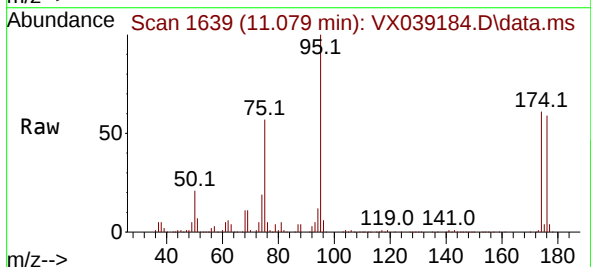
Manual Integrations
APPROVED

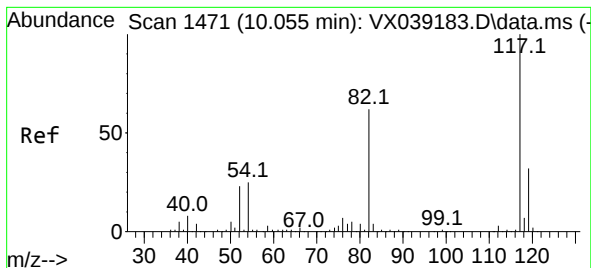
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#62
4-Bromofluorobenzene
Concen: 99.380 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

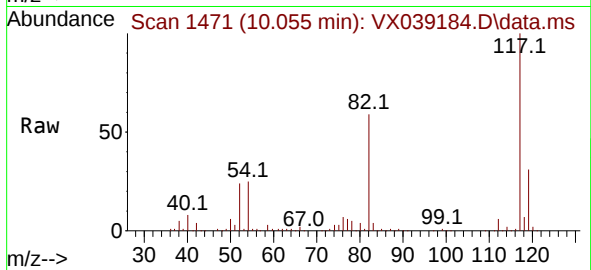
Tgt Ion: 95 Resp: 243323
Ion Ratio Lower Upper
95 100
174 62.5 0.0 135.6
176 60.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

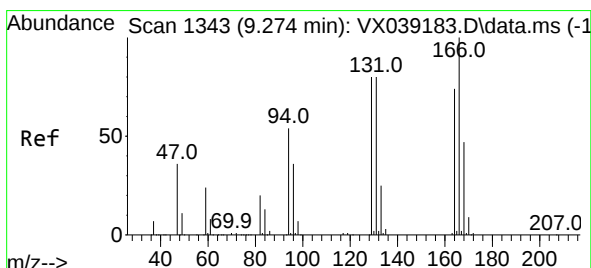
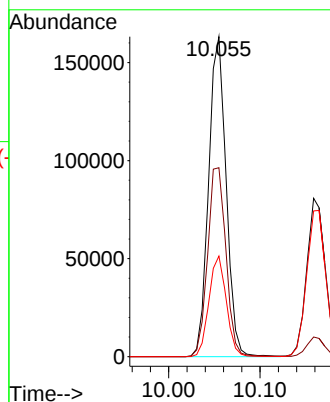
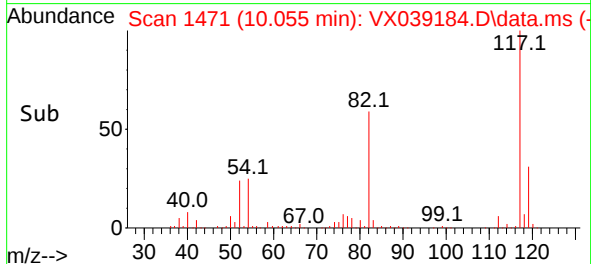
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 21688
Ion Ratio Lower Upper
117 100
82 59.0 46.2 69.4
119 31.5 25.5 38.3

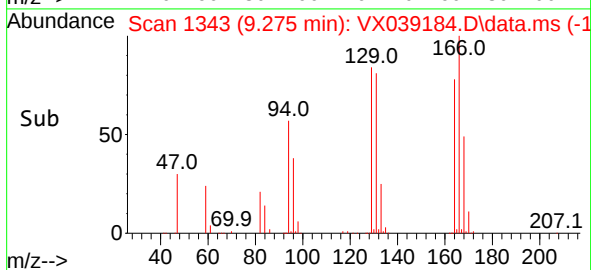
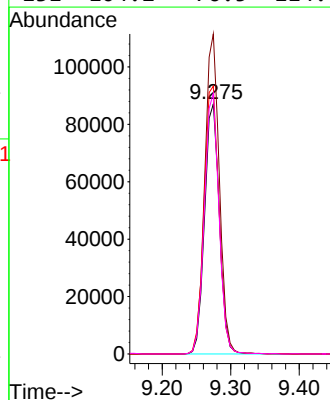
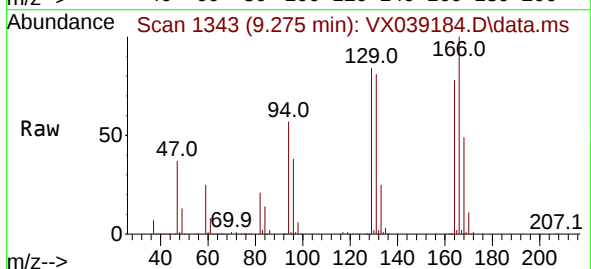
Manual Integrations
APPROVED

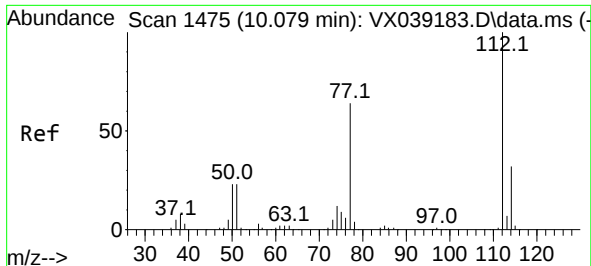
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#64
Tetrachloroethene
Concen: 92.312 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Tgt Ion:164 Resp: 130828
Ion Ratio Lower Upper
164 100
166 128.0 102.7 154.1
129 107.2 80.4 120.6
131 104.2 76.5 114.7





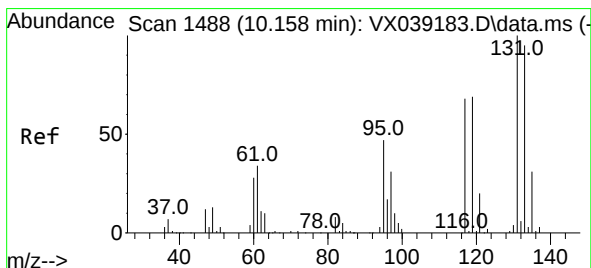
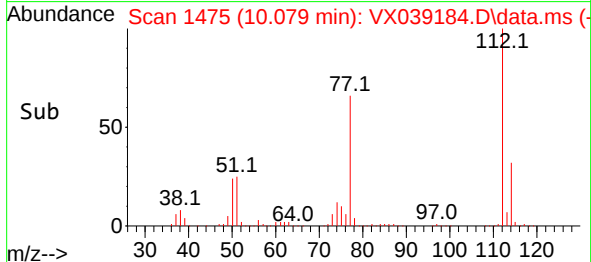
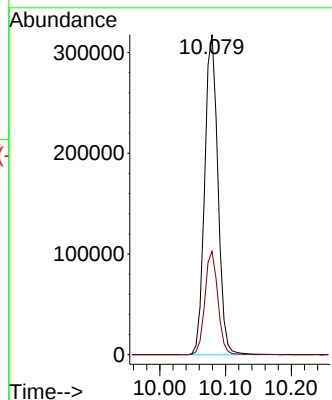
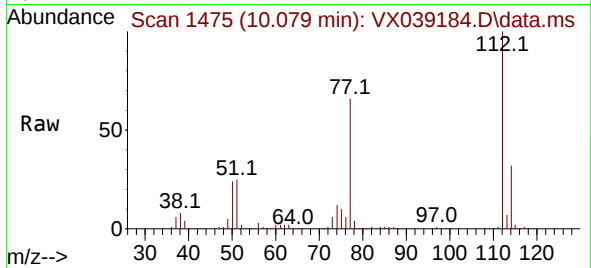
#65
Chlorobenzene
Concen: 93.778 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 443930
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

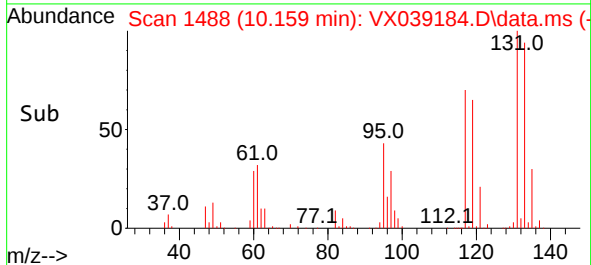
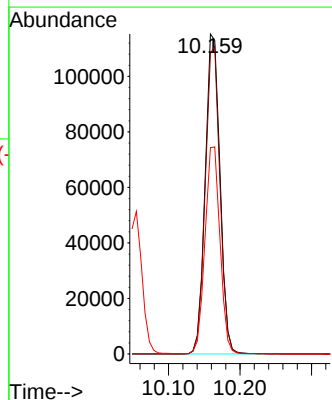
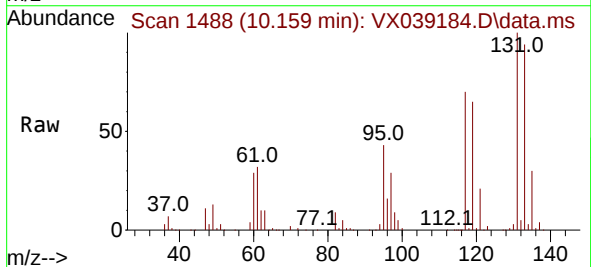
Manual Integrations
APPROVED

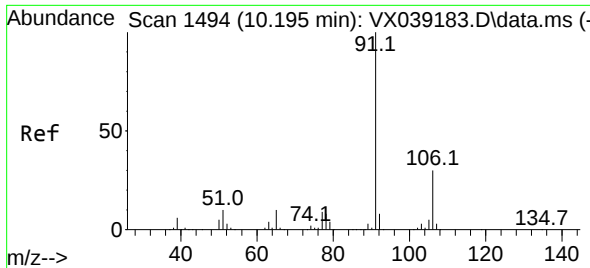
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 99.359 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

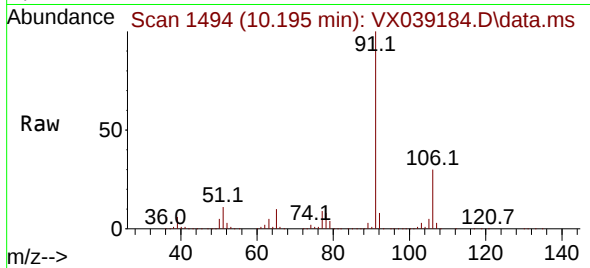
Tgt Ion:131 Resp: 166142
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.4
119 65.5 32.2 96.6





#67
Ethyl Benzene
Concen: 95.596 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

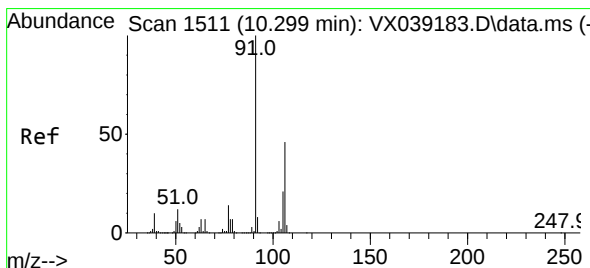
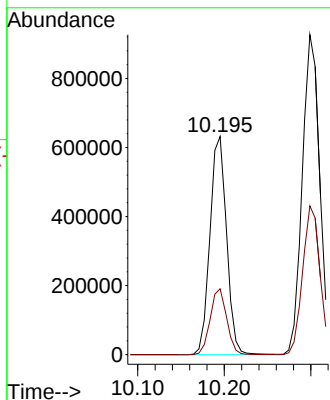
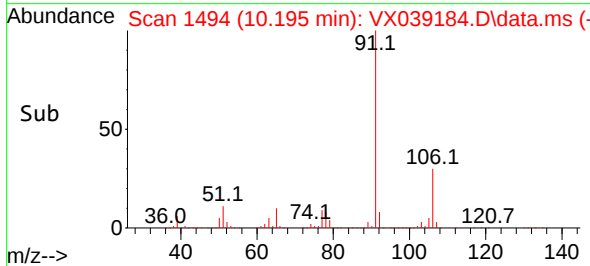
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



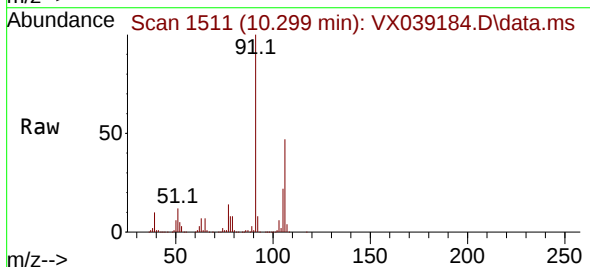
Tgt Ion: 91 Resp: 842372
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3

Manual Integrations
APPROVED

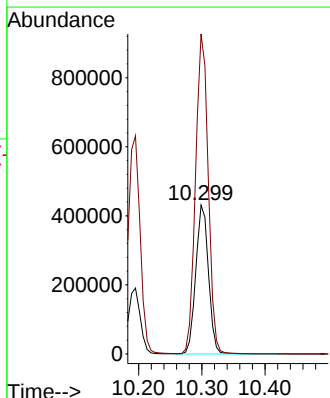
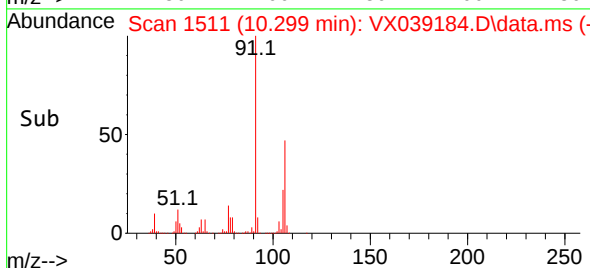
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

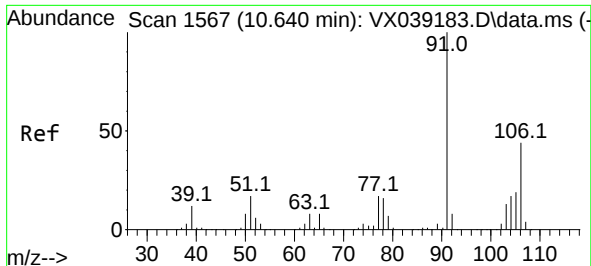


#68
m/p-Xylenes
Concen: 190.937 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43



Tgt Ion:106 Resp: 603253
Ion Ratio Lower Upper
106 100
91 215.2 165.5 248.3





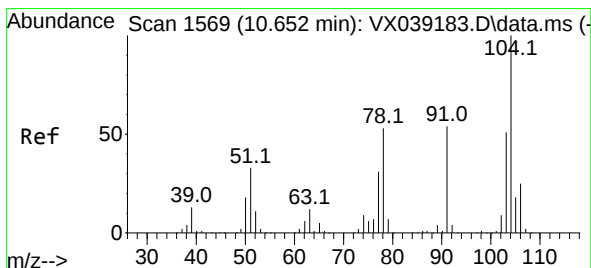
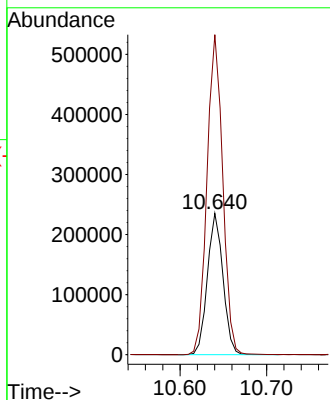
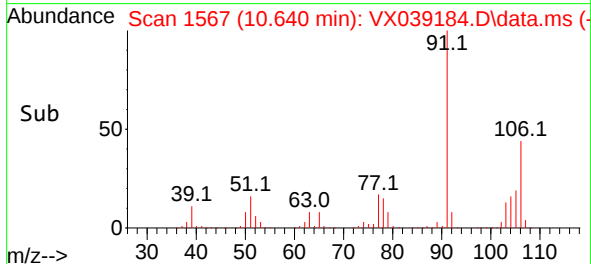
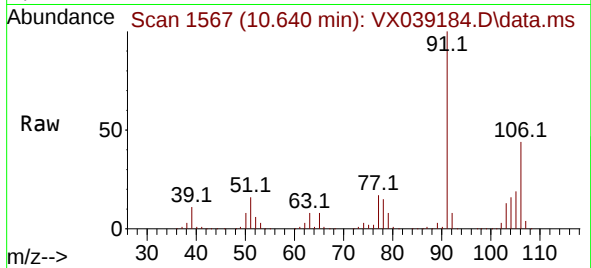
#69
o-Xylene
Concen: 96.391 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 294450
Ion Ratio Lower Upper
106 100
91 228.3 108.9 326.8

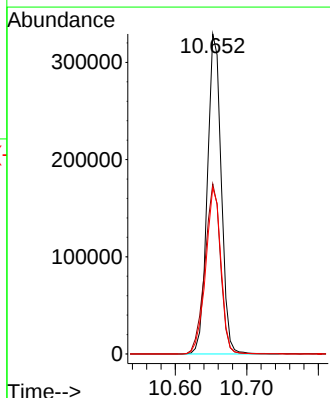
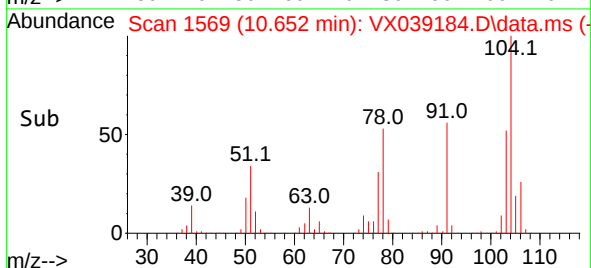
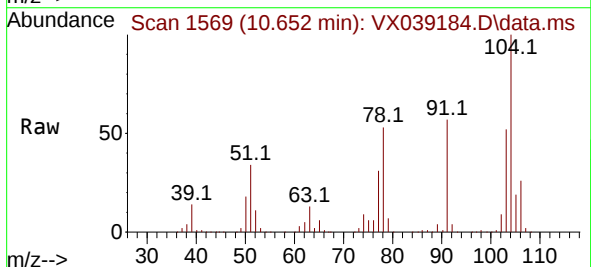
Manual Integrations
APPROVED

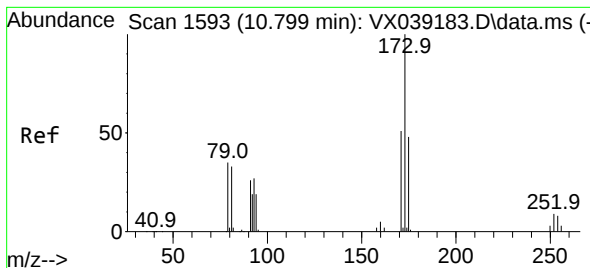
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#70
Styrene
Concen: 99.560 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

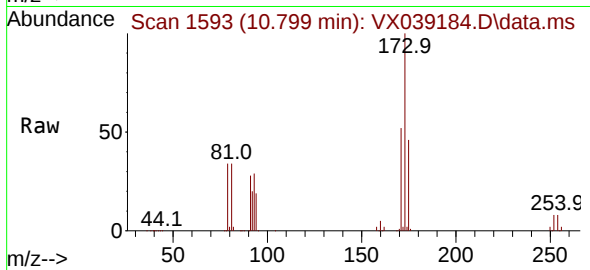
Tgt Ion:104 Resp: 444618
Ion Ratio Lower Upper
104 100
78 59.6 43.6 65.4
103 56.9 43.6 65.4





#71
Bromoform
Concen: 108.183 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

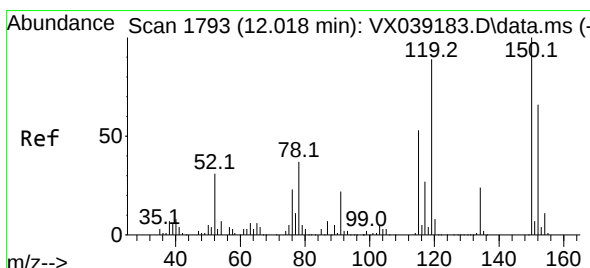
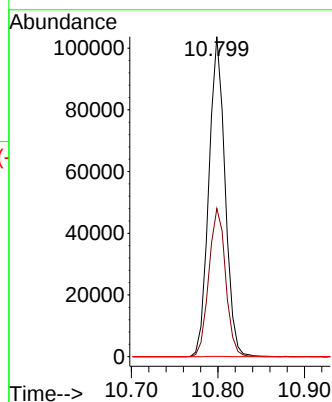
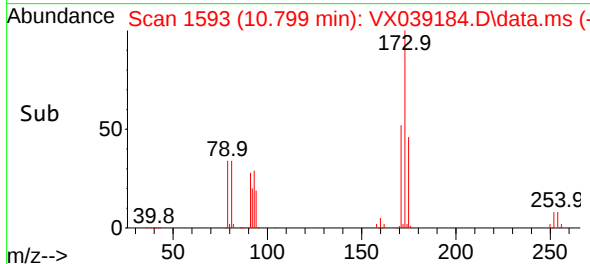
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:173 Resp: 13446
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.4
254 0.1 0.0 0.0

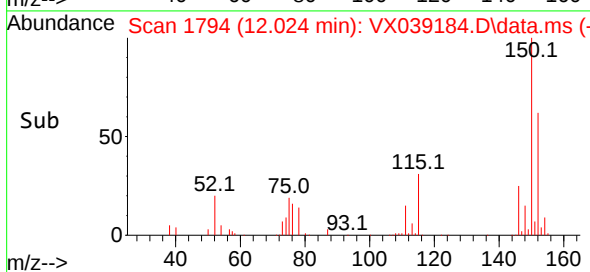
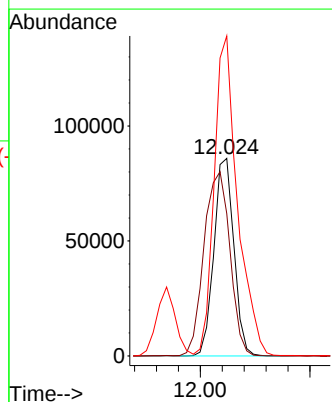
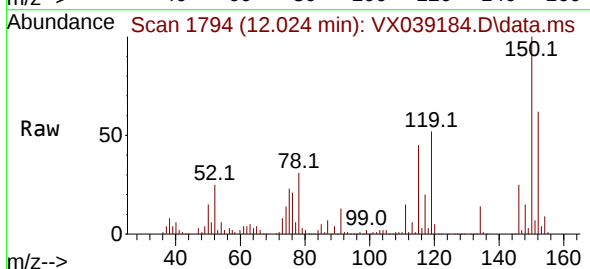
Manual Integrations
APPROVED

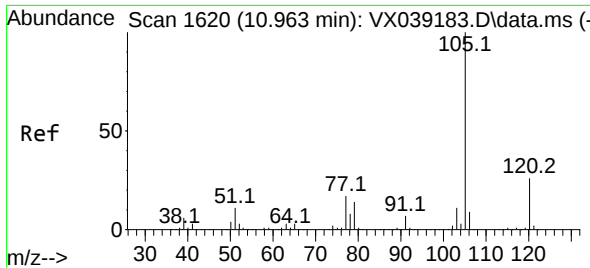
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Tgt Ion:152 Resp: 108742
Ion Ratio Lower Upper
152 100
115 121.5 43.3 129.9
150 189.0 0.0 345.0





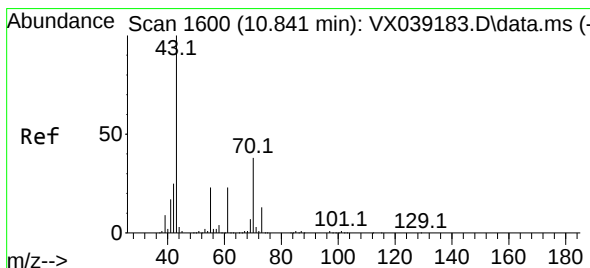
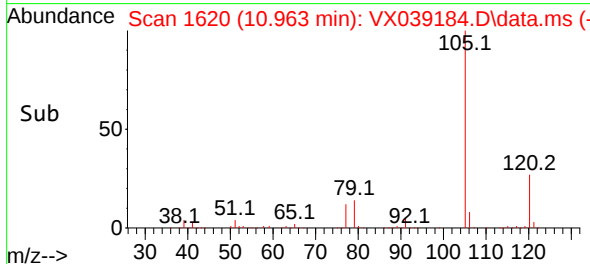
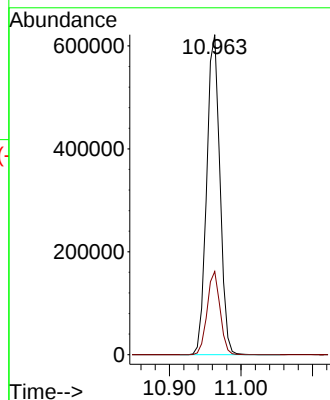
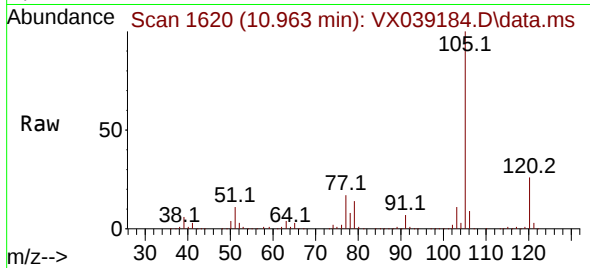
#73
Isopropylbenzene
Concen: 95.206 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:105 Resp: 798765
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.6

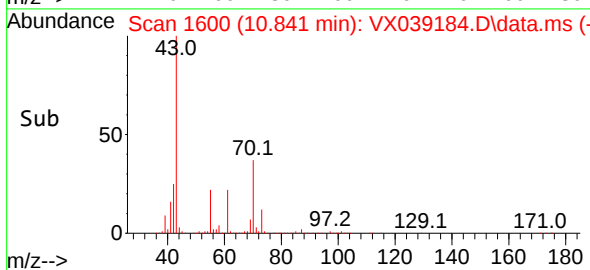
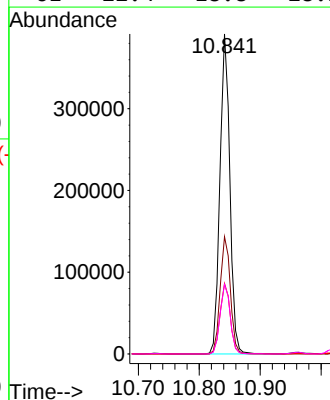
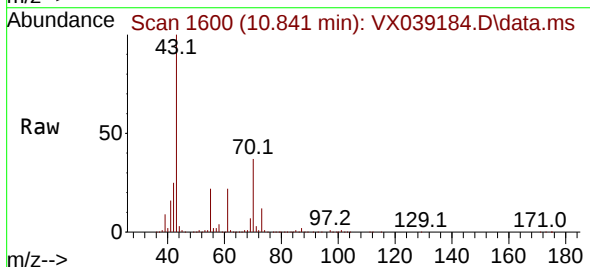
Manual Integrations
APPROVED

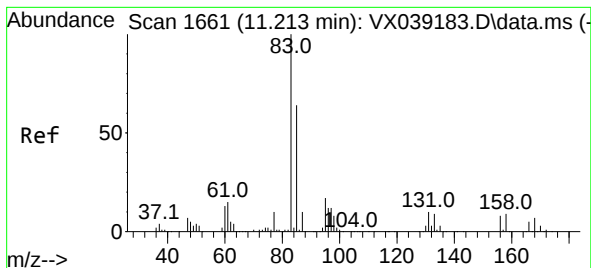
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#74
N-ethyl acetate
Concen: 104.251 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Tgt Ion: 43 Resp: 442536
Ion Ratio Lower Upper
43 100
70 37.8 32.9 49.3
55 22.6 19.3 28.9
61 22.4 18.8 28.2





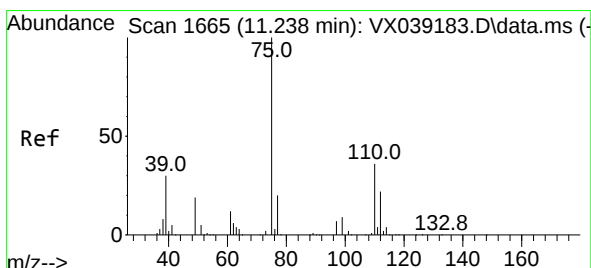
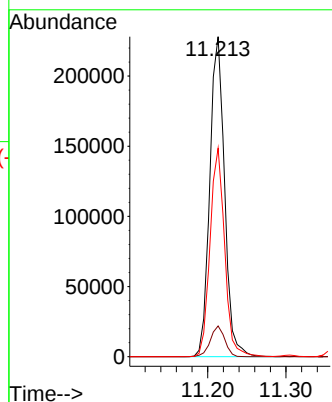
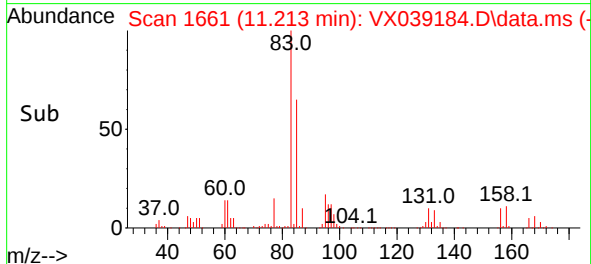
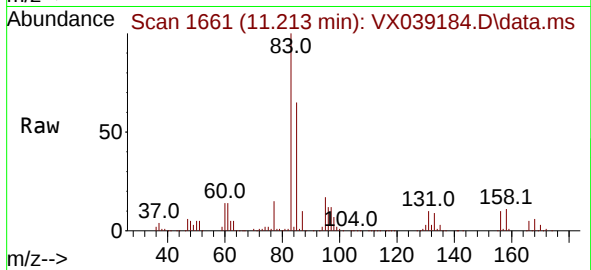
#75
1,1,2,2-Tetrachloroethane
Concen: 95.598 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 298370
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.8
85 64.4 32.0 96.2

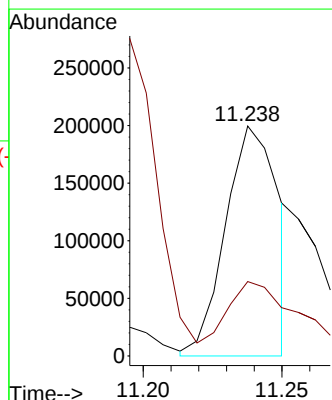
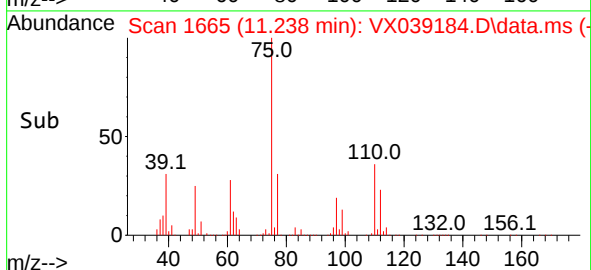
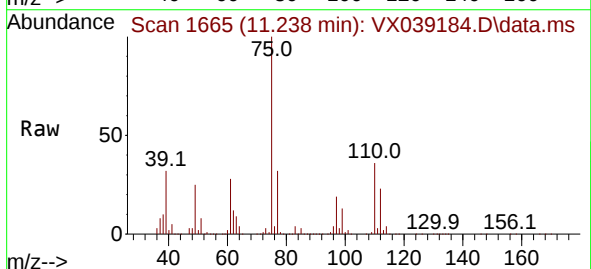
Manual Integrations
APPROVED

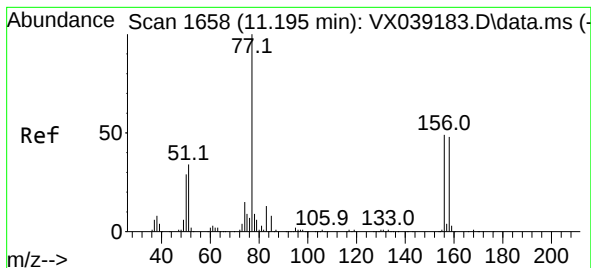
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#76
1,2,3-Trichloropropane
Concen: 93.940 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Tgt Ion: 75 Resp: 264285
Ion Ratio Lower Upper
75 100
77 44.6 19.1 57.5





#77

Bromobenzene

Concen: 96.653 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

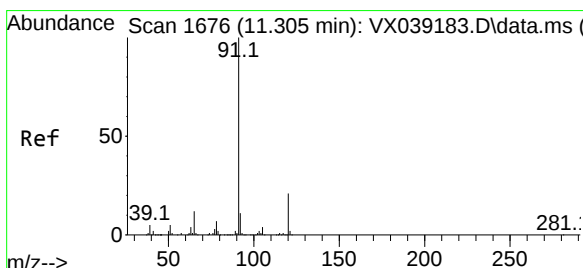
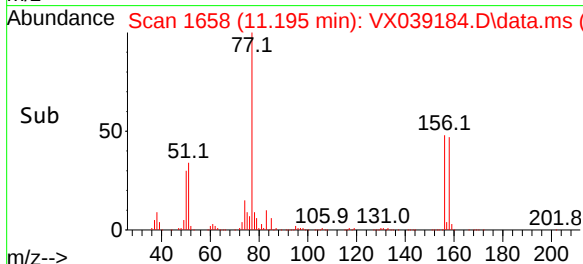
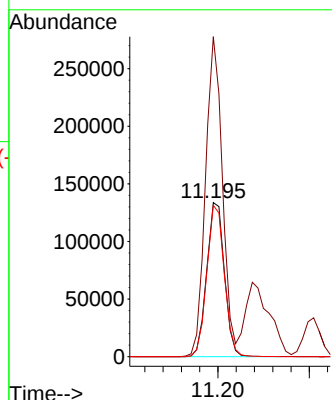
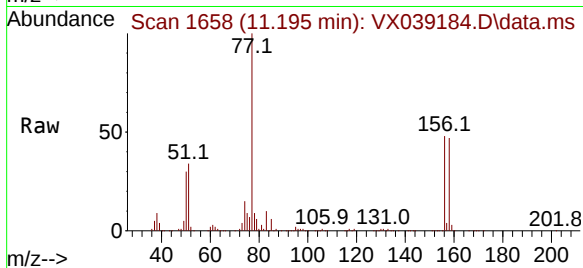
Tgt Ion	Ratio	Lower	Upper
156	100		
77	197.8	88.4	265.3
158	97.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#78

n-propylbenzene

Concen: 95.684 ug/l

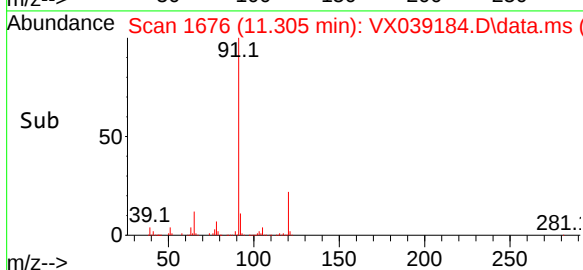
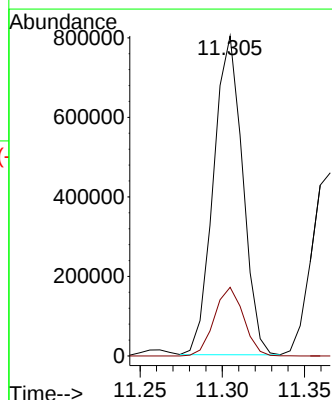
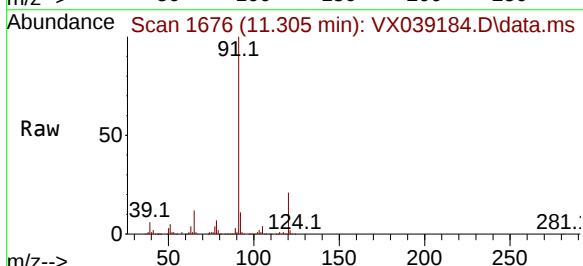
RT: 11.305 min Scan# 1676

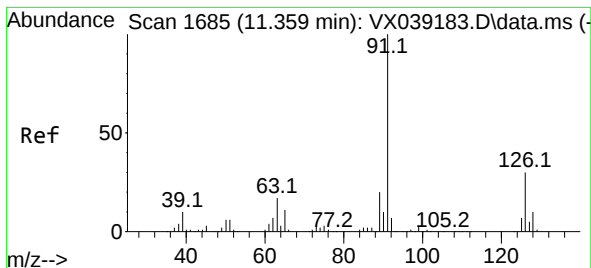
Delta R.T. 0.000 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.5	34.4





#79

2-Chlorotoluene

Concen: 94.838 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 592989

Ion Ratio Lower Upper

91 100

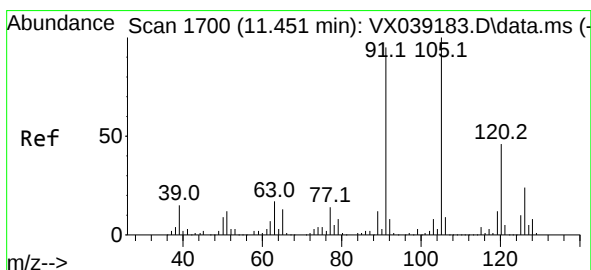
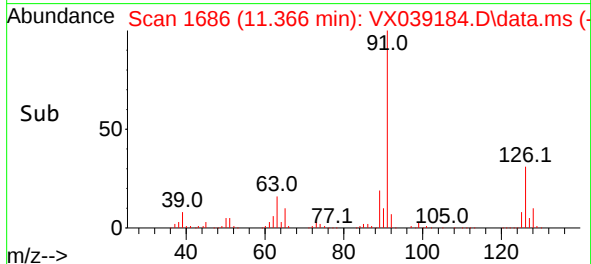
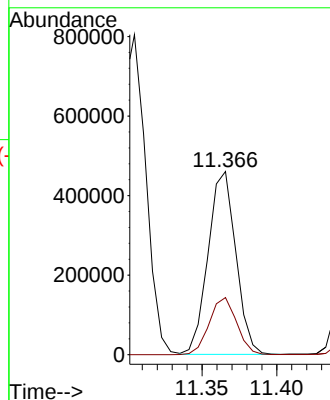
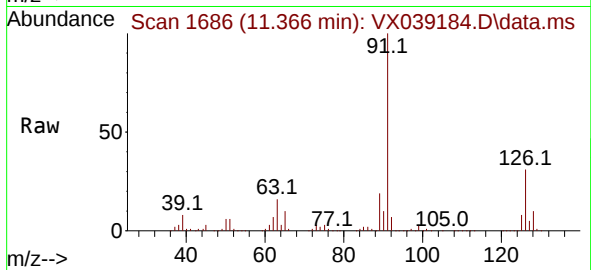
126 30.9 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#80

1,3,5-Trimethylbenzene

Concen: 97.163 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039184.D

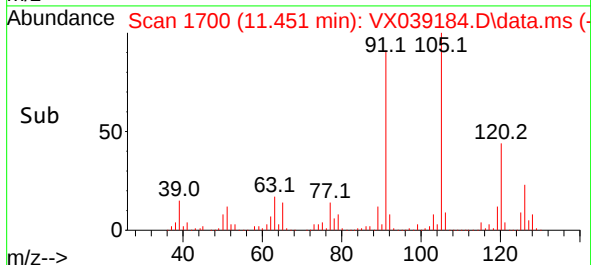
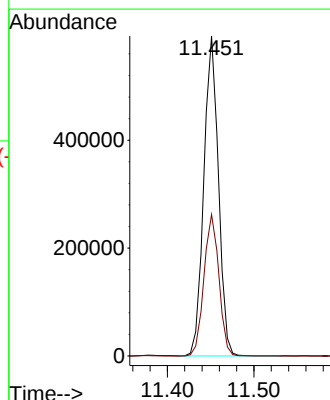
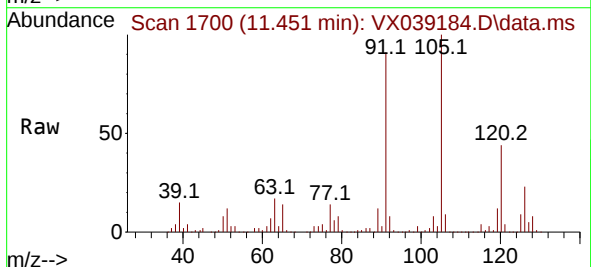
Acq: 13 Dec 2023 11:43

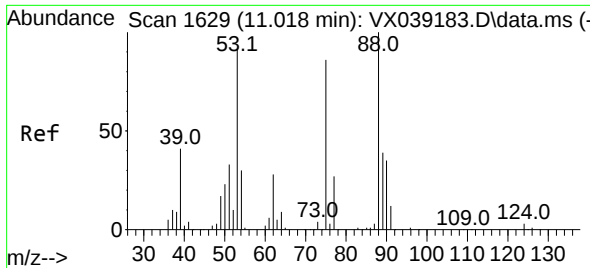
Tgt Ion:105 Resp: 694450

Ion Ratio Lower Upper

105 100

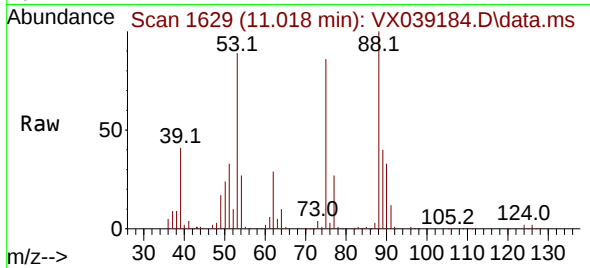
120 45.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 104.137 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

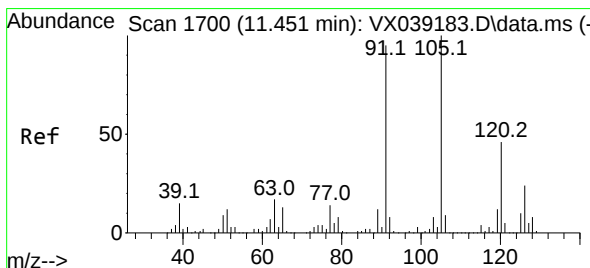
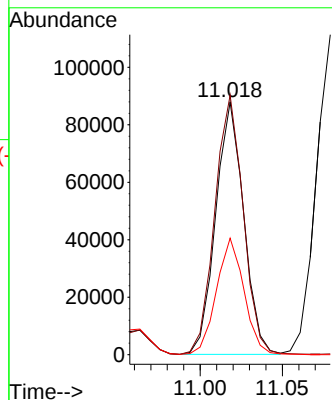
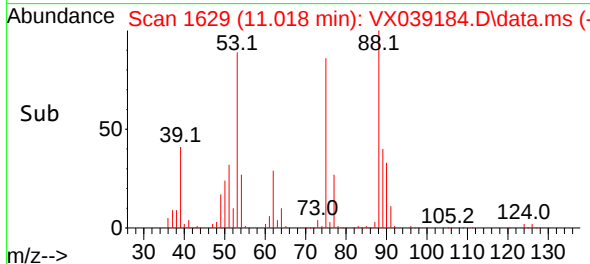
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



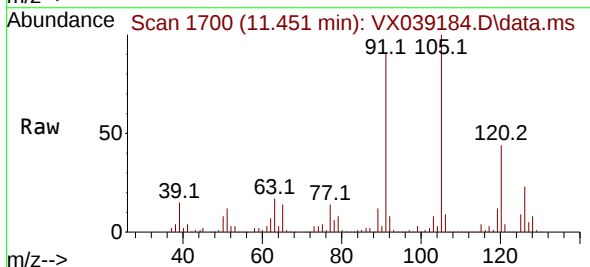
Tgt Ion: 75 Resp: 10385
Ion Ratio Lower Upper
75 100
53 104.0 90.5 135.7
89 45.6 36.9 55.3

Manual Integrations
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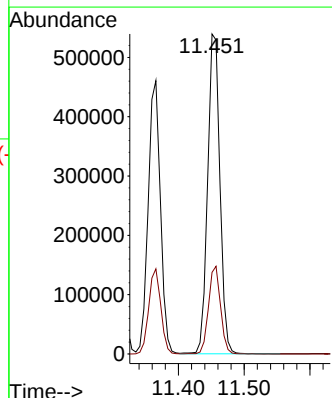
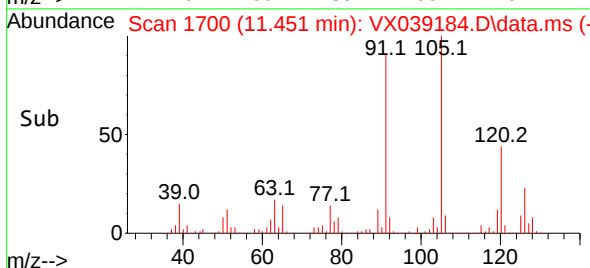
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

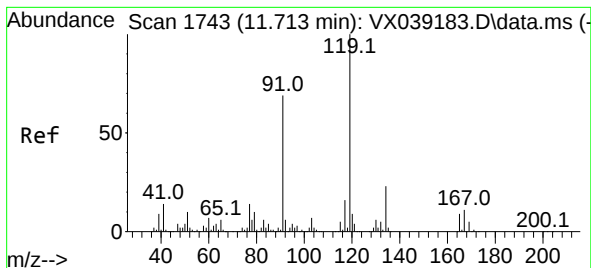


#82
4-Chlorotoluene
Concen: 95.454 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43



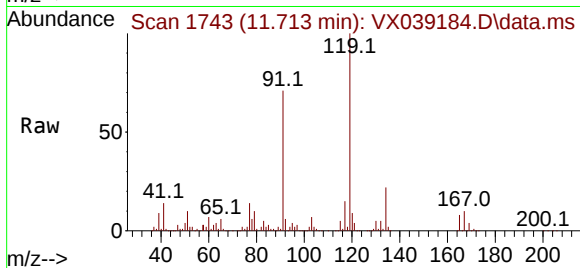
Tgt Ion: 91 Resp: 701017
Ion Ratio Lower Upper
91 100
126 26.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 97.080 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

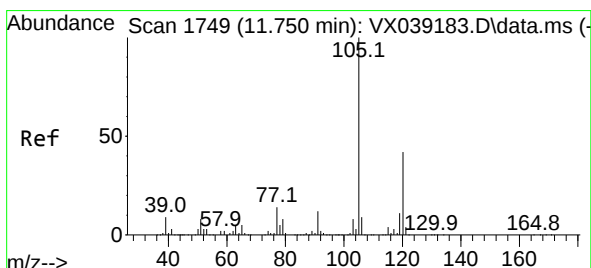
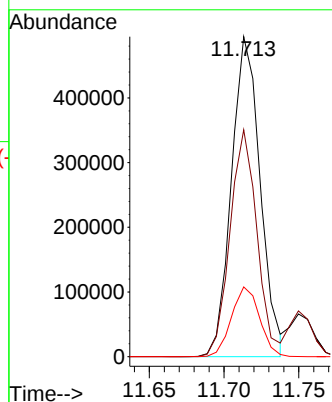
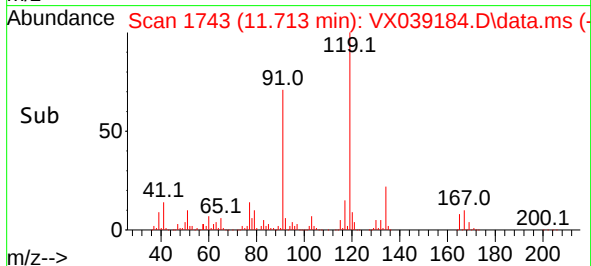
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



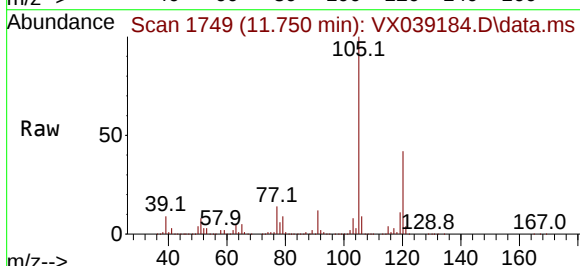
Tgt Ion:119 Resp: 660349
Ion Ratio Lower Upper
119 100
91 66.6 31.2 93.6
134 21.4 11.7 35.0

Manual Integrations
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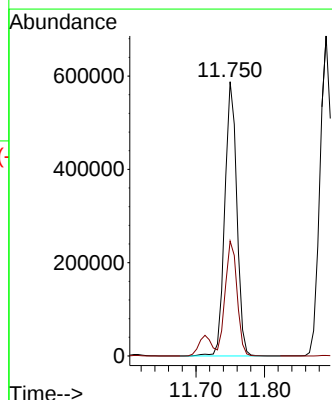
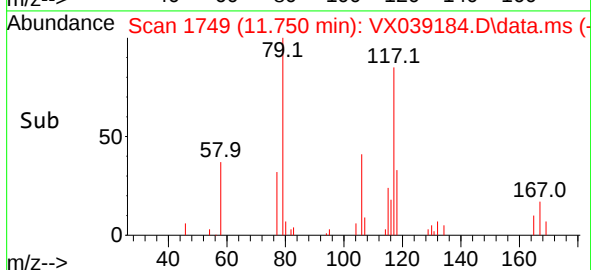
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

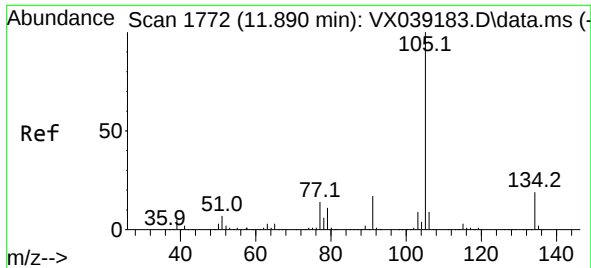


#84
1,2,4-Trimethylbenzene
Concen: 97.127 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43



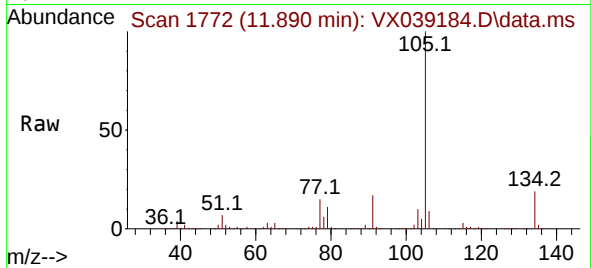
Tgt Ion:105 Resp: 711892
Ion Ratio Lower Upper
105 100
120 41.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 96.916 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039184.D
 Acq: 13 Dec 2023 11:43

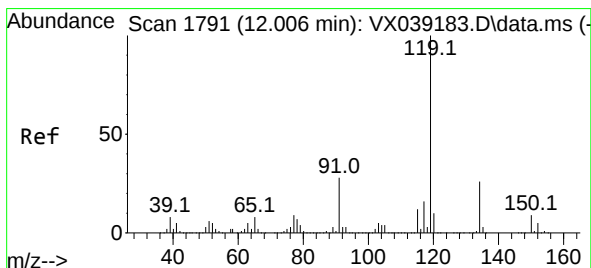
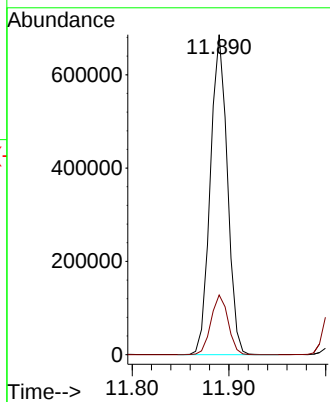
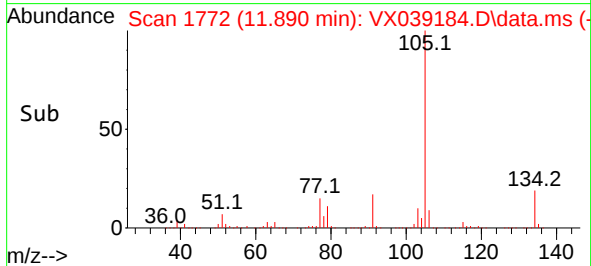
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



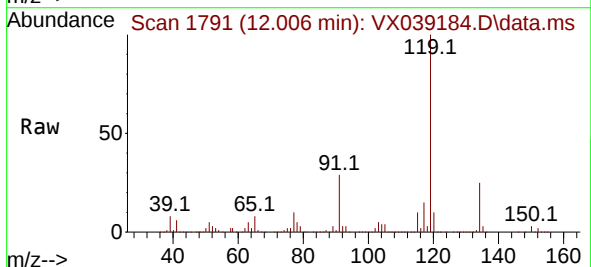
Tgt Ion:105 Resp: 838864
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.4

Manual Integrations
 APPROVED

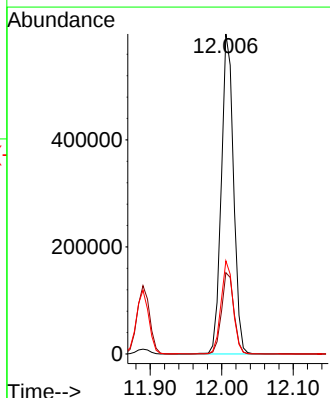
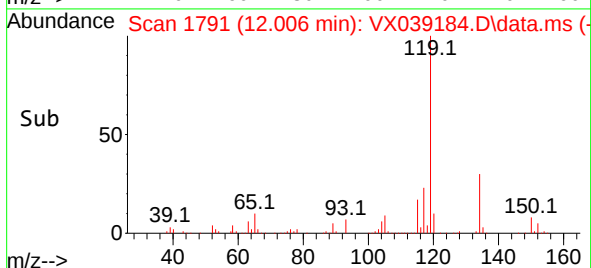
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023

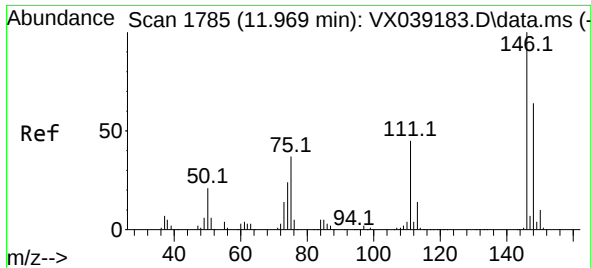


#86
 p-Isopropyltoluene
 Concen: 97.776 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039184.D
 Acq: 13 Dec 2023 11:43



Tgt Ion:119 Resp: 710250
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 28.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 95.443 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 347878

Ion Ratio Lower Upper

146 100

111 46.3 22.1 66.1

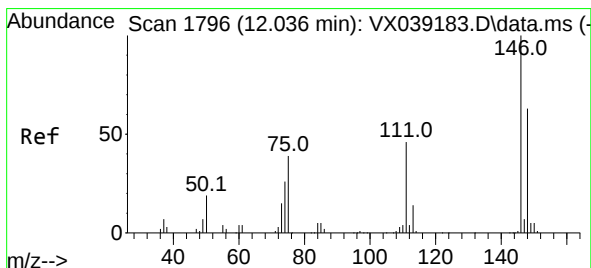
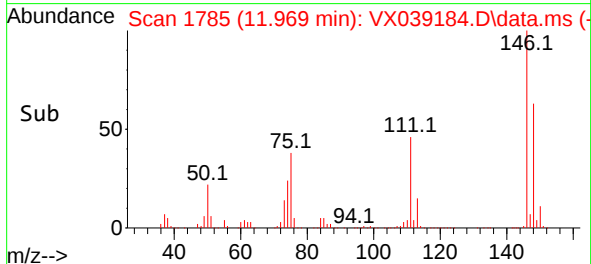
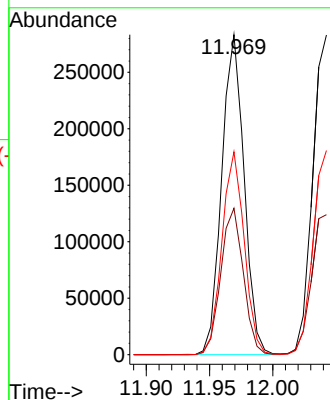
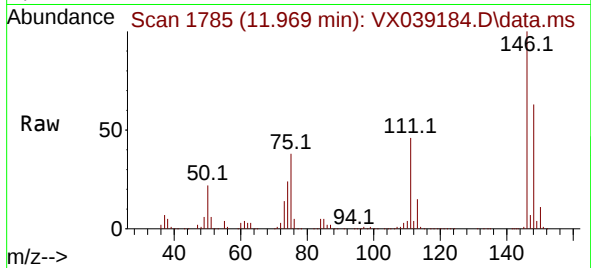
148 63.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#88

1,4-Dichlorobenzene

Concen: 92.185 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

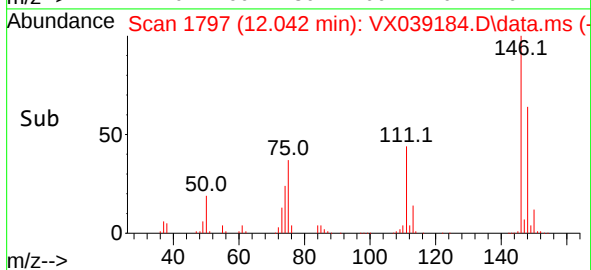
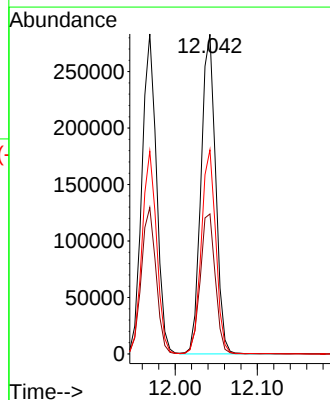
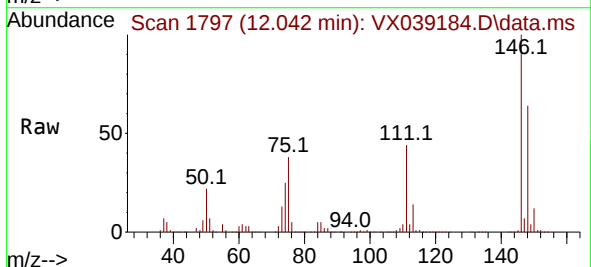
Tgt Ion:146 Resp: 349852

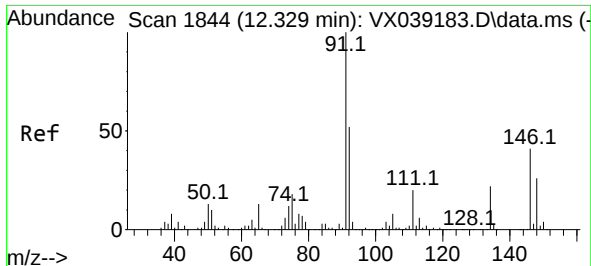
Ion Ratio Lower Upper

146 100

111 45.0 21.3 63.7

148 63.2 31.8 95.4





#89

n-Butylbenzene

Concen: 100.937 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 720770

Ion Ratio Lower Upper

91 100

92 52.3 27.4 82.0

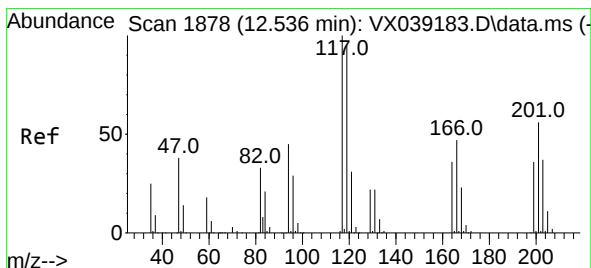
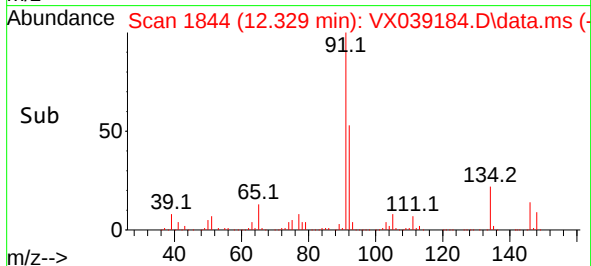
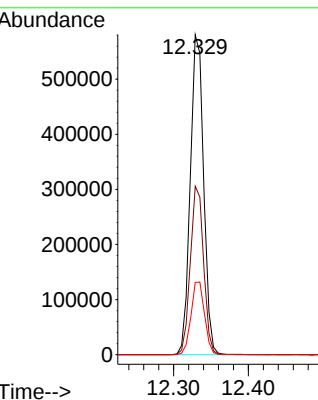
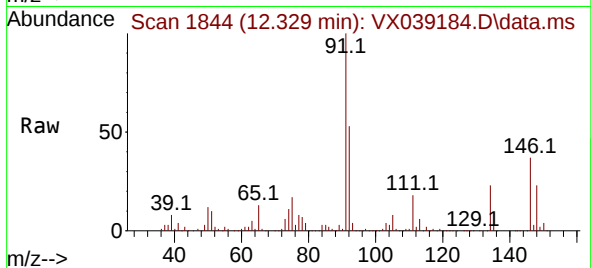
134 23.1 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#90

Hexachloroethane

Concen: 106.189 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039184.D

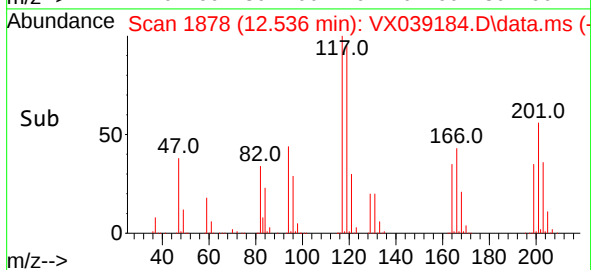
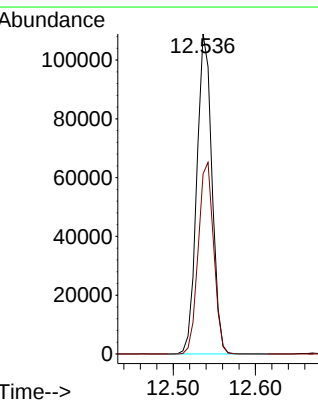
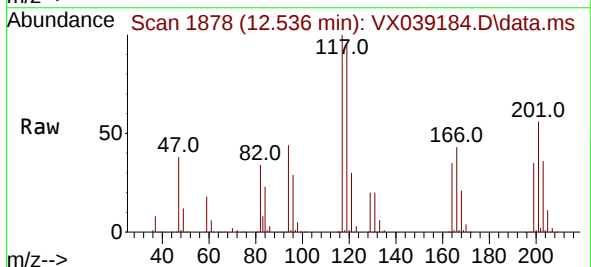
Acq: 13 Dec 2023 11:43

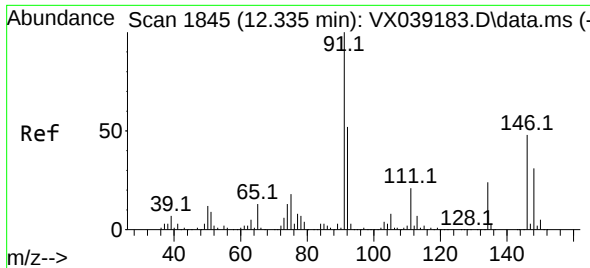
Tgt Ion:117 Resp: 139338

Ion Ratio Lower Upper

117 100

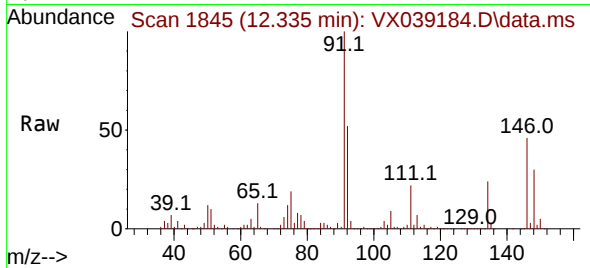
201 60.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 92.774 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

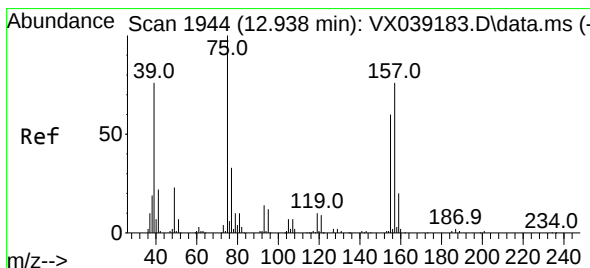
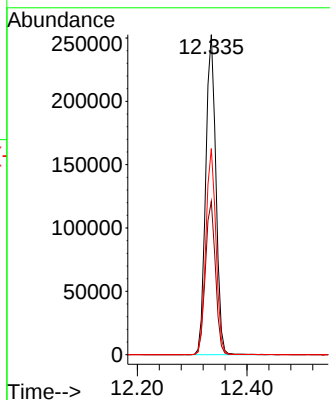
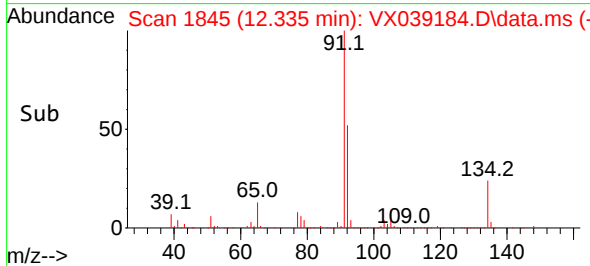
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



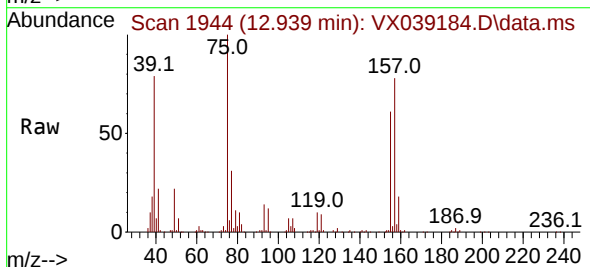
Tgt Ion:146 Resp: 323548
Ion Ratio Lower Upper
146 100
111 47.6 22.4 67.0
148 63.9 31.6 95.0

Manual Integrations
APPROVED

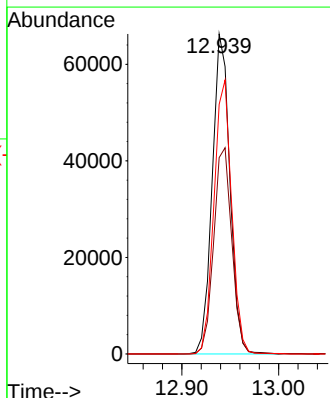
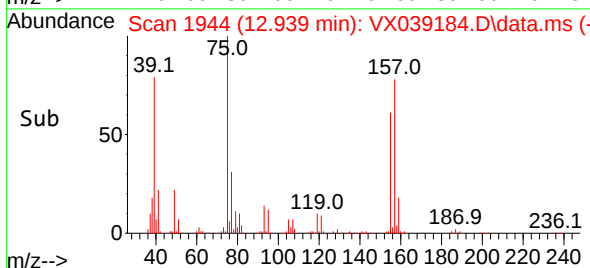
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

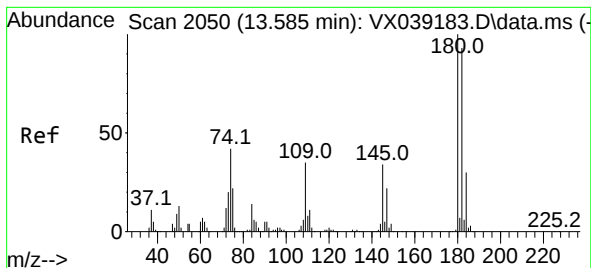


#92
1,2-Dibromo-3-Chloropropane
Concen: 102.360 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43



Tgt Ion: 75 Resp: 84147
Ion Ratio Lower Upper
75 100
155 66.1 36.1 108.5
157 85.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 95.449 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

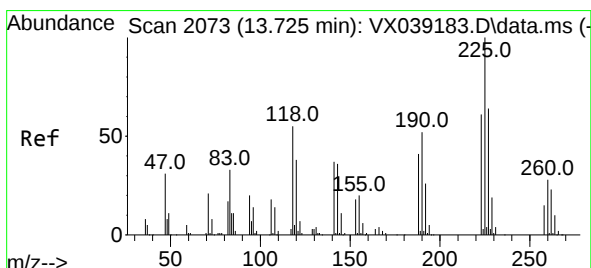
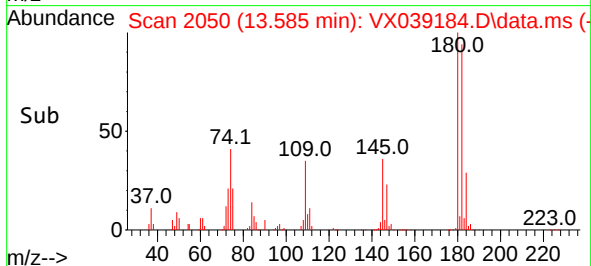
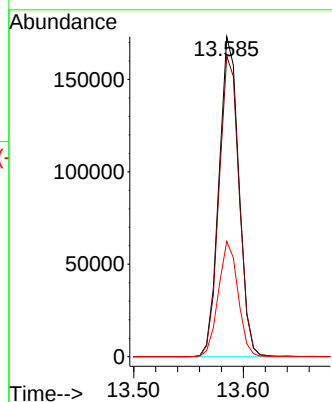
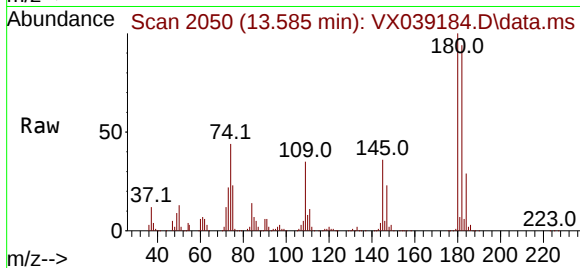
Tgt Ion:	180	Resp:	21797
Ion Ratio	Lower	Upper	
180	100		
182	95.3	48.3	144.8
145	35.6	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#94

Hexachlorobutadiene

Concen: 95.965 ug/l

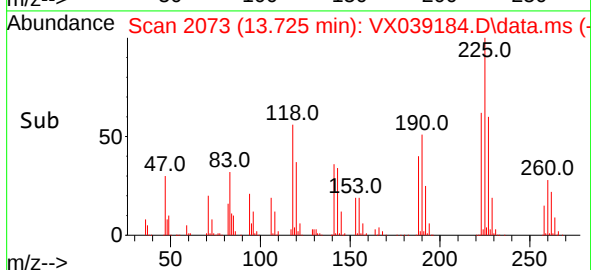
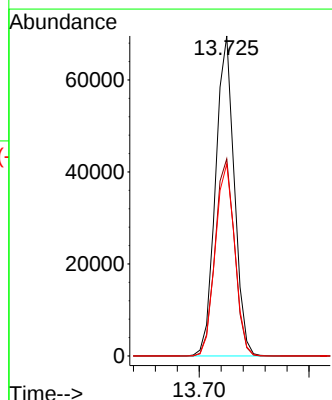
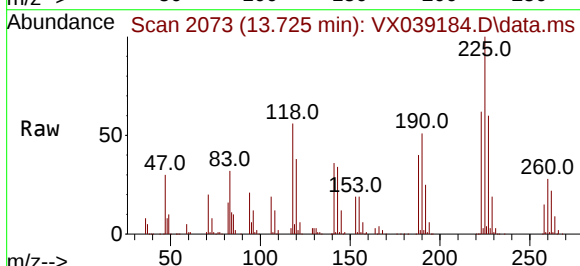
RT: 13.725 min Scan# 2073

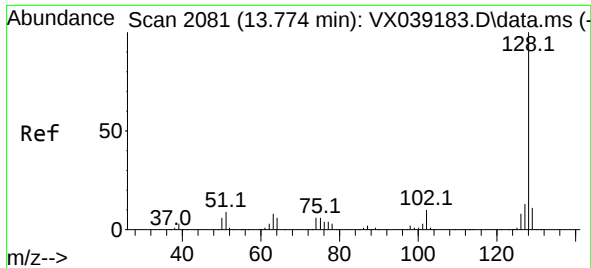
Delta R.T. 0.000 min

Lab File: VX039184.D

Acq: 13 Dec 2023 11:43

Tgt Ion:	225	Resp:	82587
Ion Ratio	Lower	Upper	
225	100		
223	63.5	31.1	93.2
227	62.4	32.5	97.5





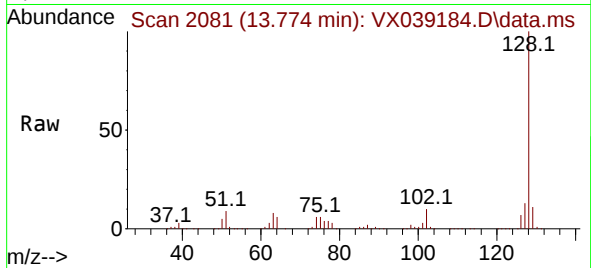
#95
Naphthalene
Concen: 99.888 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



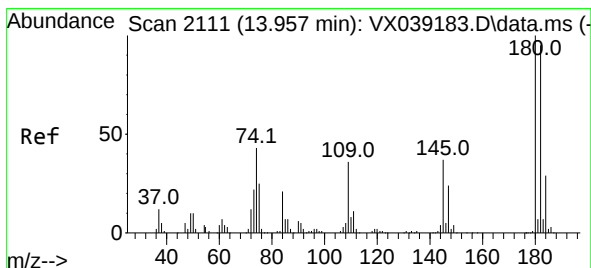
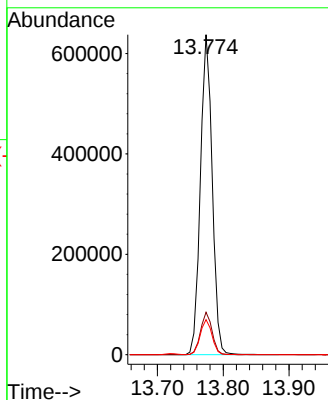
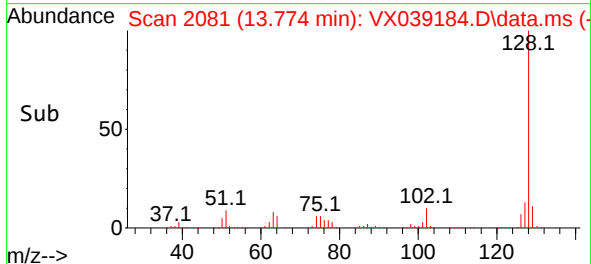
Tgt Ion:128 Resp: 79439
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations

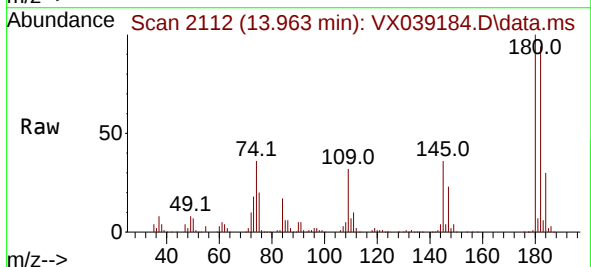
APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 96.908 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039184.D
Acq: 13 Dec 2023 11:43



Tgt Ion:180 Resp: 213637
Ion Ratio Lower Upper
180 100
182 93.8 46.9 140.6
145 37.3 17.8 53.5

