

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121323\
 Data File : VX039181.D
 Acq On : 13 Dec 2023 10:35
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Dec 14 01:09:18 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	131835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	242895	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	13069	5.411	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.820%#		
35) Dibromofluoromethane	5.385	113	8788	5.237	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.480%#		
50) Toluene-d8	8.647	98	33381	5.358	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.720%#		
62) 4-Bromofluorobenzene	11.079	95	13480	5.244	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.480%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	8525	4.602	ug/l	99
3) Chloromethane	1.294	50	9758	4.751	ug/l	97
4) Vinyl Chloride	1.374	62	9522	4.985	ug/l	96
5) Bromomethane	1.599	94	6053	5.508	ug/l	99
6) Chloroethane	1.685	64	5742	4.989	ug/l	98
7) Trichlorofluoromethane	1.886	101	13576	4.854	ug/l	99
8) Diethyl Ether	2.130	74	4830	4.990	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	8438	4.944	ug/l	96
10) Methyl Iodide	2.453	142	7980	4.523	ug/l	95
11) Tert butyl alcohol	2.953	59	16703	27.541	ug/l #	95
12) 1,1-Dichloroethene	2.319	96	8419	4.966	ug/l	94
13) Acrolein	2.233	56	11875	24.544	ug/l	98
14) Allyl chloride	2.666	41	16610	4.836	ug/l	99
15) Acrylonitrile	3.062	53	30440	25.075	ug/l	98
16) Acetone	2.373	43	53551	16.308	ug/l	95
17) Carbon Disulfide	2.514	76	23333	4.703	ug/l	99
18) Methyl Acetate	2.703	43	25422	4.867	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	29741	4.851	ug/l	96
20) Methylene Chloride	2.794	84	9951	4.943	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	9164	4.968	ug/l #	91
22) Diisopropyl ether	3.757	45	31789	5.085	ug/l	94
23) Vinyl Acetate	3.721	43	117022	25.143	ug/l	99
24) 1,1-Dichloroethane	3.605	63	17487	4.948	ug/l	99
25) 2-Butanone	4.556	43	56871	27.288	ug/l	99
26) 2,2-Dichloropropane	4.471	77	15270	4.949	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	10412	5.114	ug/l	98
28) Bromochloromethane	4.903	49	8050	4.668	ug/l #	92
29) Tetrahydrofuran	5.007	42	28499	24.762	ug/l	99
30) Chloroform	5.092	83	17404	4.928	ug/l	98
31) Cyclohexane	5.477	56	15345	4.919	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	14956	4.878	ug/l	99
36) 1,1-Dichloropropene	5.696	75	13200	4.985	ug/l	99
37) Ethyl Acetate	4.714	43	15861	4.848	ug/l	99
38) Carbon Tetrachloride	5.678	117	11783	4.663	ug/l	93
39) Methylcyclohexane	7.379	83	15590	4.901	ug/l	94
40) Benzene	6.037	78	37709	5.034	ug/l	95

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
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Quant Time: Dec 14 01:09:18 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)
41) Methacrylonitrile	4.922	41	8092	4.636	ug/l	92
42) 1,2-Dichloroethane	6.086	62	14518	4.788	ug/l	99
43) Isopropyl Acetate	6.342	43	26009	4.889	ug/l	99
44) Trichloroethene	7.129	130	9331	4.936	ug/l	96
45) 1,2-Dichloropropane	7.427	63	10231	5.089	ug/l	99
46) Dibromomethane	7.580	93	6773	4.793	ug/l	97
47) Bromodichloromethane	7.818	83	13030	4.822	ug/l	97
48) Methyl methacrylate	7.696	41	15411	4.955	ug/l	99
49) 1,4-Dioxane	7.659	88	3862	92.122	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	85170	25.127	ug/l	97
52) Toluene	8.720	92	22339	4.941	ug/l	91
53) t-1,3-Dichloropropene	8.976	75	13470	4.528	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	14840	4.636	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	9423	4.992	ug/l	92
56) Ethyl methacrylate	9.116	69	11039	4.791	ug/l	94
57) 1,3-Dichloropropane	9.305	76	16025	4.911	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	33932	25.080	ug/l	93
59) 2-Hexanone	9.427	43	78671	26.893	ug/l	99
60) Dibromochloromethane	9.518	129	8692	4.554	ug/l	97
61) 1,2-Dibromoethane	9.610	107	9764	4.846	ug/l	99
64) Tetrachloroethene	9.275	164	7586	5.229	ug/l	93
65) Chlorobenzene	10.079	112	24051	4.963	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	8109	4.737	ug/l	96
67) Ethyl Benzene	10.195	91	44969	4.985	ug/l	99
68) m/p-Xylenes	10.299	106	32231	9.966	ug/l	93
69) o-Xylene	10.640	106	15546	4.972	ug/l	90
70) Styrene	10.659	104	22946	5.019	ug/l	97
71) Bromoform	10.799	173	5769	4.534	ug/l #	99
73) Isopropylbenzene	10.963	105	41342	4.991	ug/l	98
74) N-amyl acetate	10.841	43	19348	4.616	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	15768	5.117	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	13981m	5.033	ug/l	
77) Bromobenzene	11.195	156	9365	5.113	ug/l	91
78) n-propylbenzene	11.305	91	51163	5.013	ug/l	95
79) 2-Chlorotoluene	11.360	91	30768	4.984	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	36080	5.113	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	3875	3.935	ug/l	97
82) 4-Chlorotoluene	11.451	91	37183	5.128	ug/l	96
83) tert-Butylbenzene	11.713	119	33392	4.972	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	36123	4.992	ug/l	97
85) sec-Butylbenzene	11.890	105	42299	4.950	ug/l	97
86) p-Isopropyltoluene	12.006	119	34873	4.862	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	18104	5.031	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	18598	4.963	ug/l	92
89) n-Butylbenzene	12.335	91	34478	4.890	ug/l	95
90) Hexachloroethane	12.536	117	5285	4.079	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	17970	5.219	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	3878	4.778	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	10778	4.780	ug/l	99
94) Hexachlorobutadiene	13.725	225	4385	5.161	ug/l	95
95) Naphthalene	13.774	128	37692	4.800	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	10887	5.002	ug/l	98

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

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

Quant Time: Dec 14 01:09:18 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

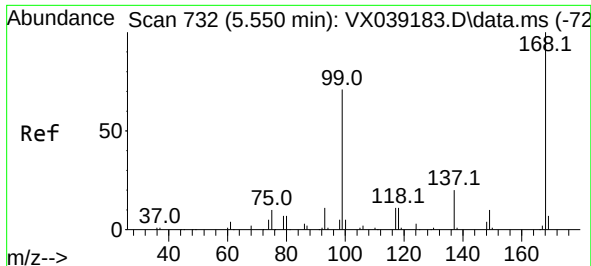
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

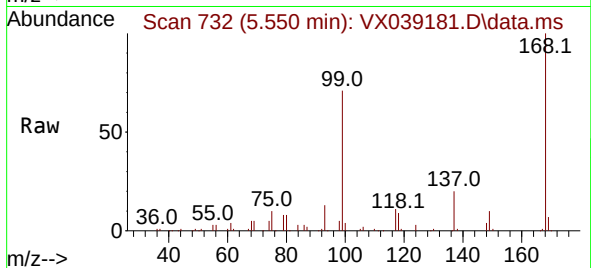
Quant Time: Dec 14 01:09:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:05:14 2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

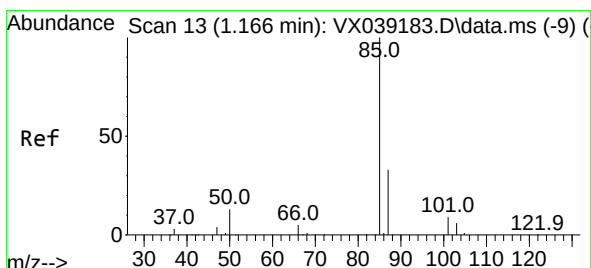
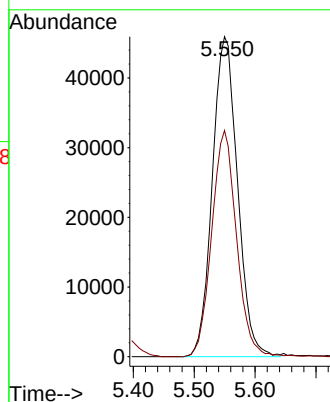
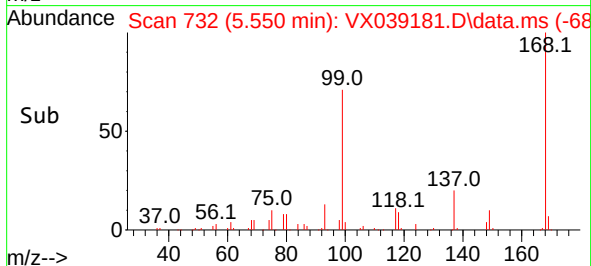
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 131835
Ion Ratio Lower Upper
168 100
99 70.7 56.6 85.0

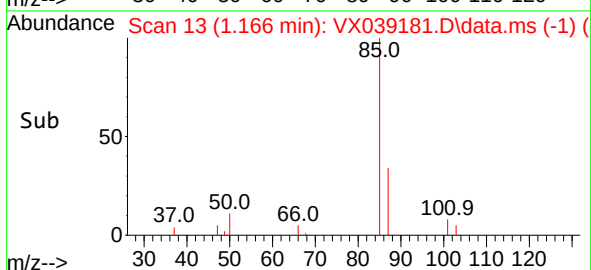
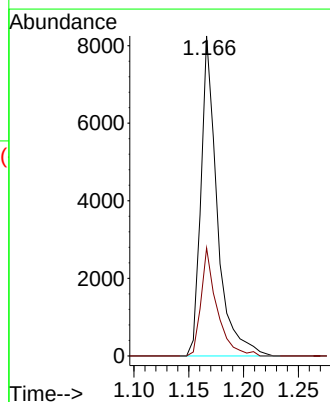
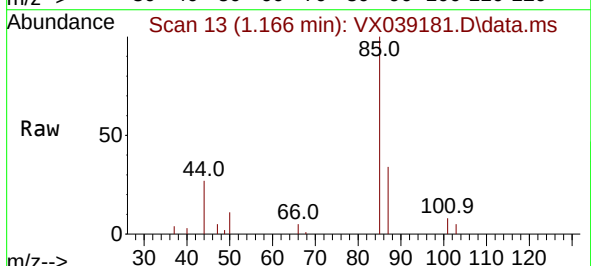
Manual Integrations
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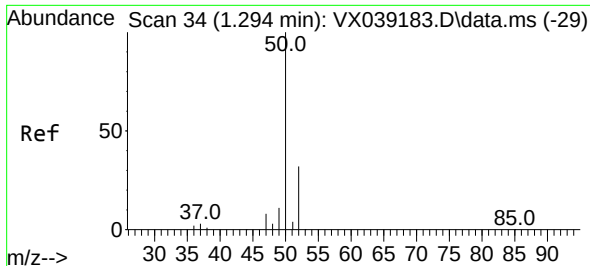
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#2
Dichlorodifluoromethane
Concen: 4.602 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

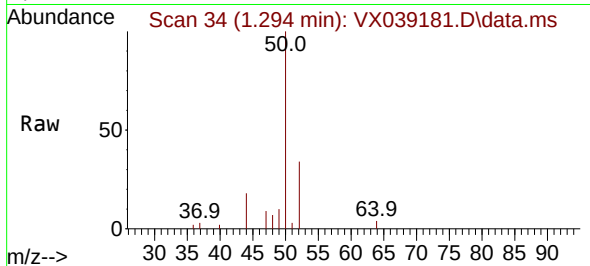
Tgt Ion: 85 Resp: 8525
Ion Ratio Lower Upper
85 100
87 33.7 16.7 50.1





#3
Chloromethane
Concen: 4.751 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

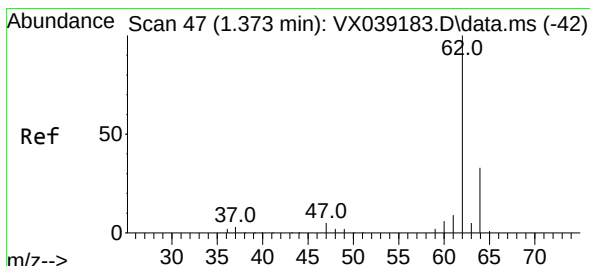
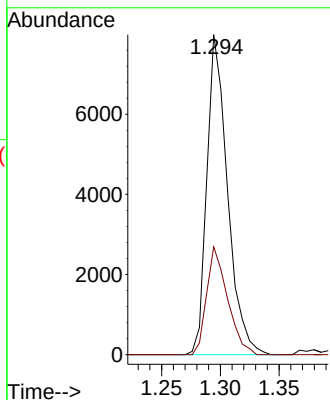
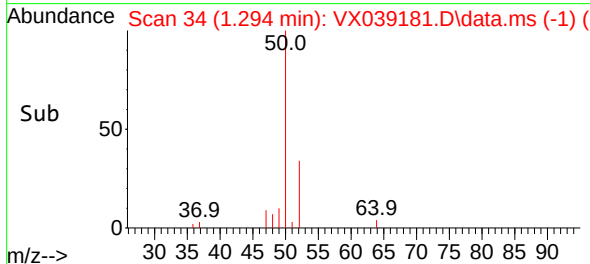
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



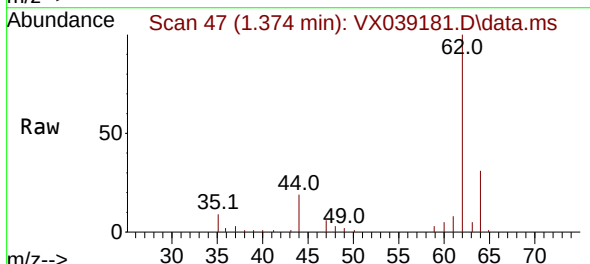
Tgt Ion: 50 Resp: 9758
Ion Ratio Lower Upper
50 100
52 33.7 25.5 38.3

Manual Integrations
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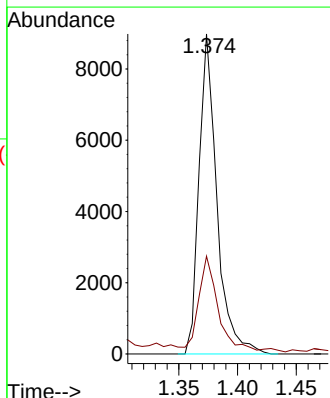
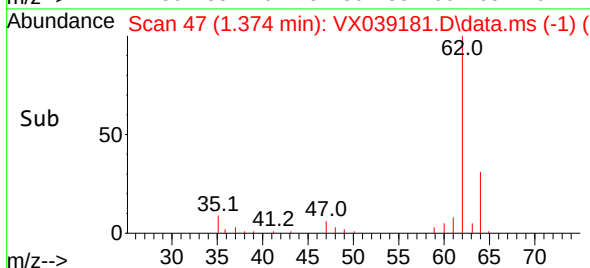
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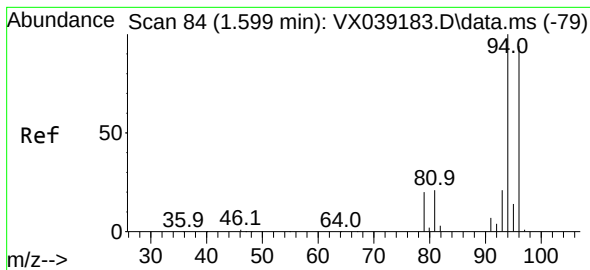


#4
Vinyl Chloride
Concen: 4.985 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35



Tgt Ion: 62 Resp: 9522
Ion Ratio Lower Upper
62 100
64 29.4 25.4 38.0





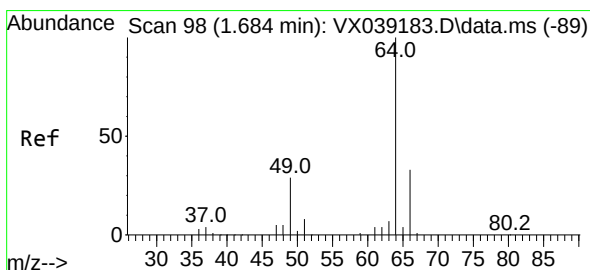
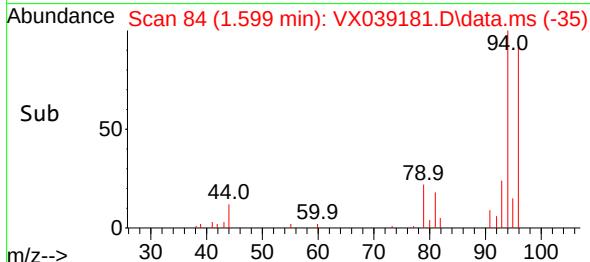
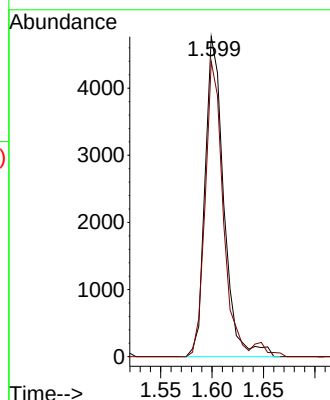
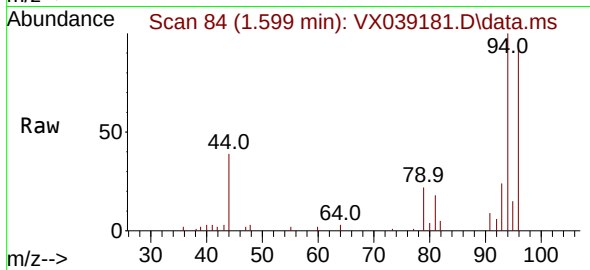
#5
Bromomethane
Concen: 5.508 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 605
Ion Ratio Lower Upper
94 100
96 92.2 74.6 111.8

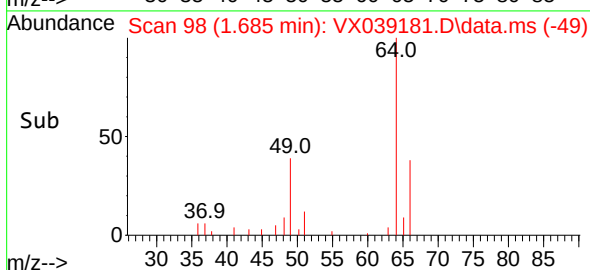
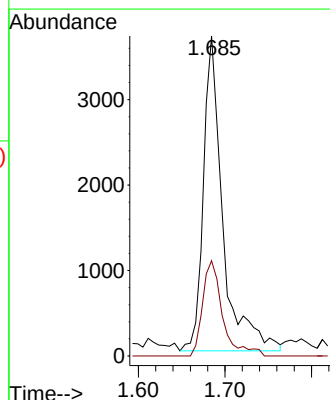
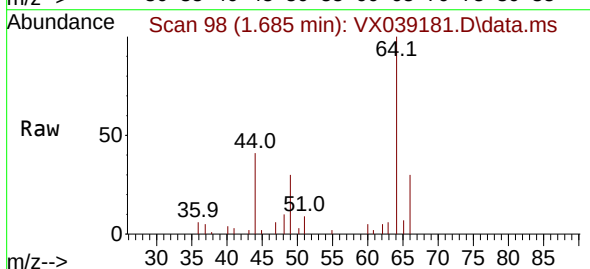
Manual Integrations
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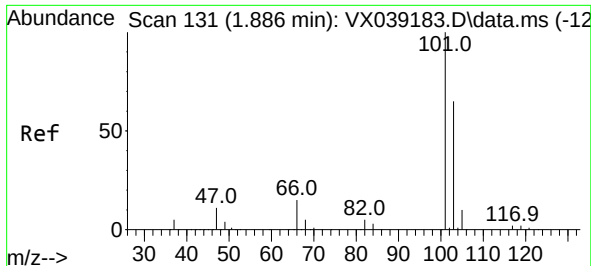
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#6
Chloroethane
Concen: 4.989 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

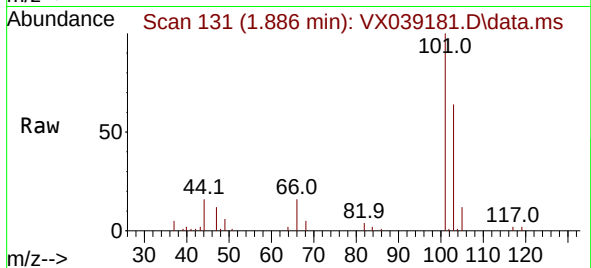
Tgt Ion: 64 Resp: 5742
Ion Ratio Lower Upper
64 100
66 30.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 4.854 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

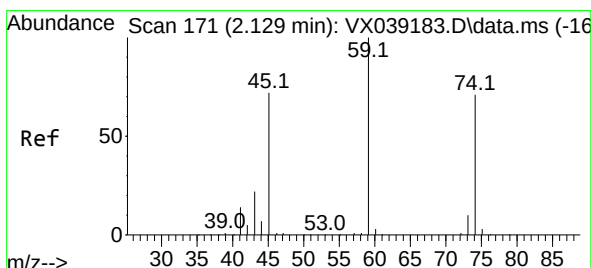
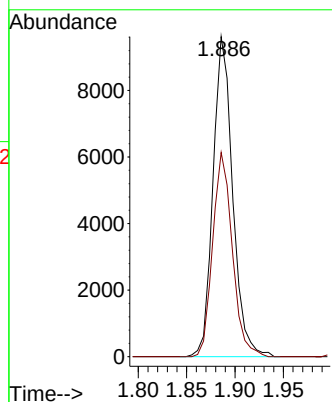
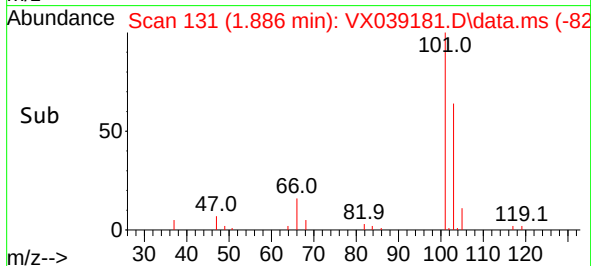
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



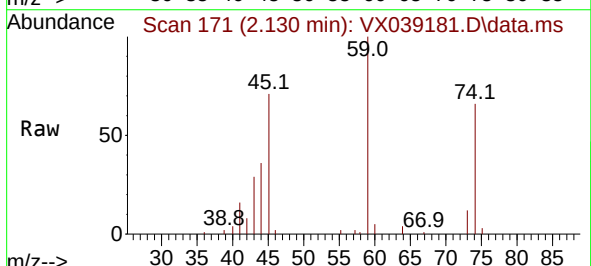
Tgt Ion:101 Resp: 13570
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

Manual Integrations
APPROVED

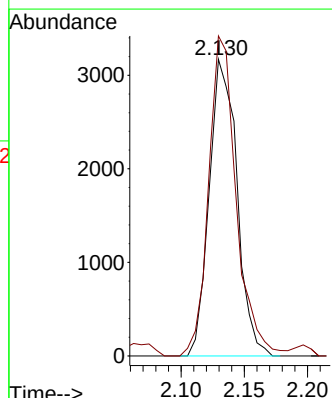
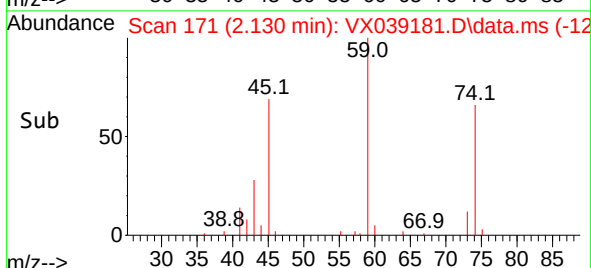
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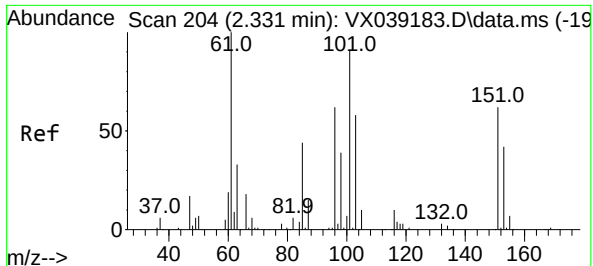


#8
Diethyl Ether
Concen: 4.990 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039181.D
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Tgt Ion: 74 Resp: 4830
Ion Ratio Lower Upper
74 100
45 107.6 53.3 159.8





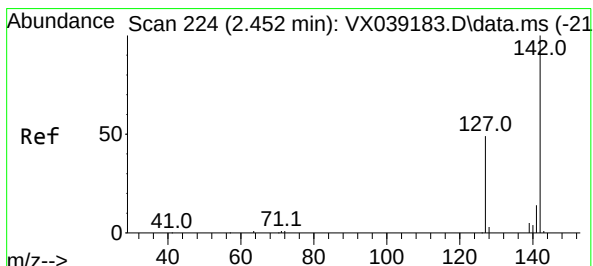
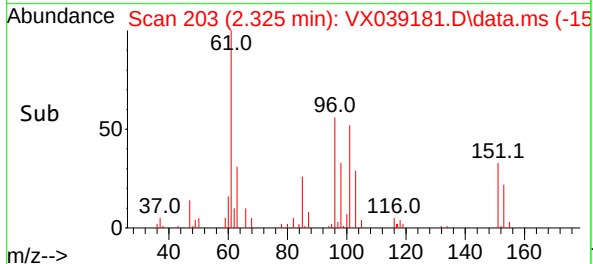
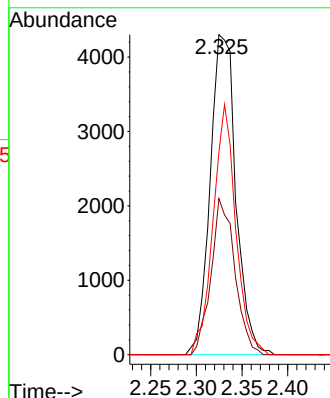
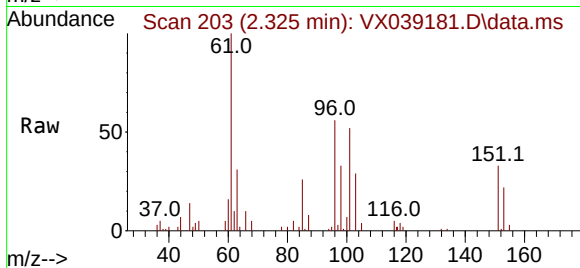
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.944 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 8438
Ion Ratio Lower Upper
101 100
85 45.1 37.0 55.6
151 69.1 58.6 87.8

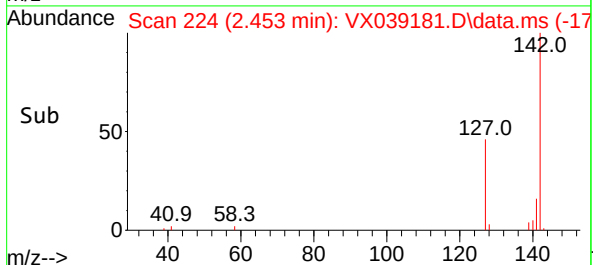
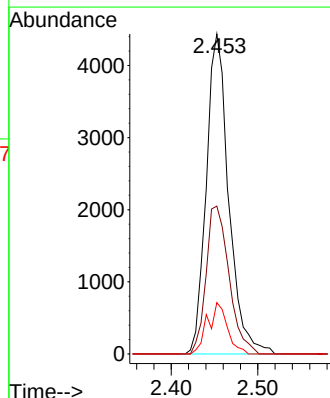
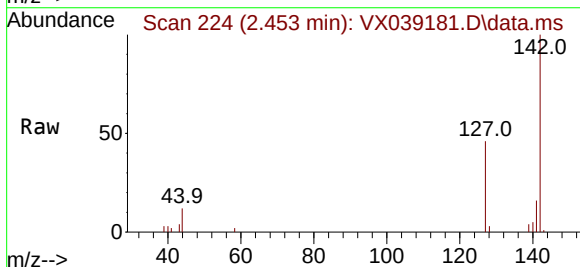
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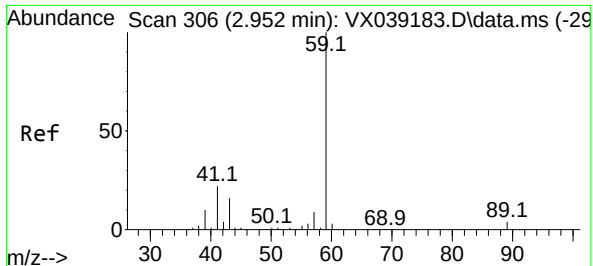
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#10
Methyl Iodide
Concen: 4.523 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Tgt Ion:142 Resp: 7980
Ion Ratio Lower Upper
142 100
127 47.3 41.6 62.4
141 14.2 11.6 17.4





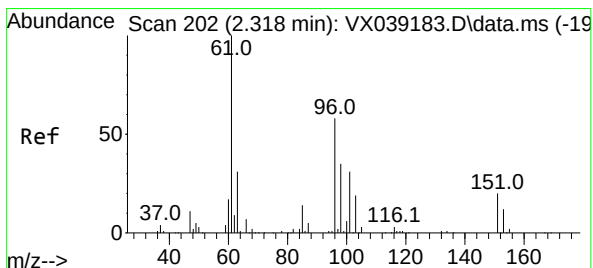
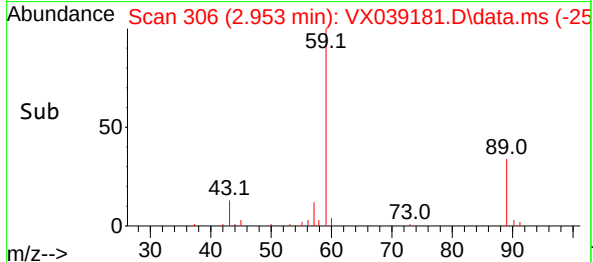
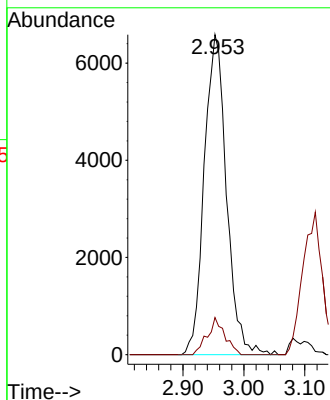
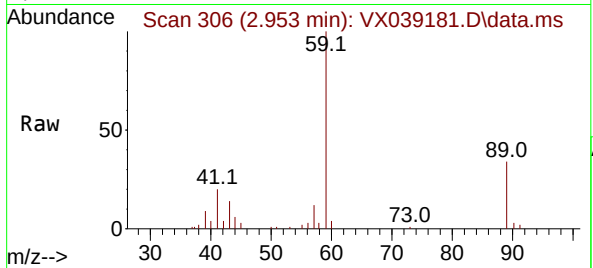
#11
Tert butyl alcohol
Concen: 27.541 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 1670
Ion Ratio Lower Upper
59 100
57 9.1 6.0 9.0

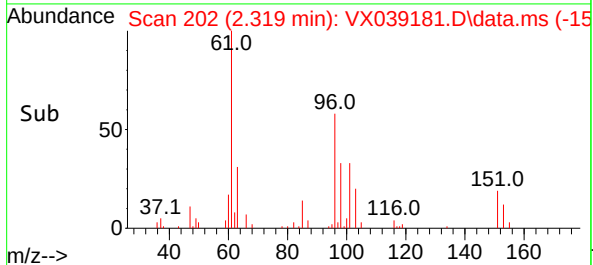
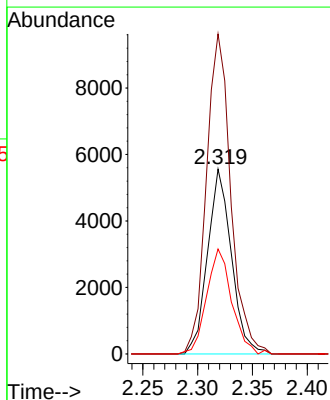
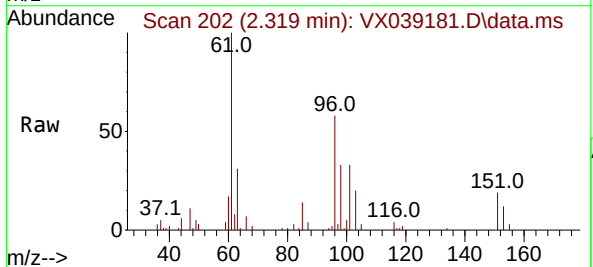
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APPROVED

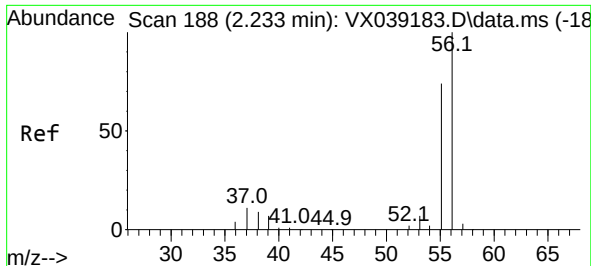
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#12
1,1-Dichloroethene
Concen: 4.966 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Tgt Ion: 96 Resp: 8419
Ion Ratio Lower Upper
96 100
61 173.2 144.6 216.8
98 56.8 50.4 75.6





#13

Acrolein

Concen: 24.544 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 1187

Ion Ratio Lower Upper

56 100

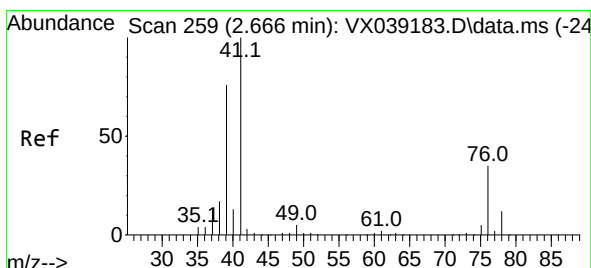
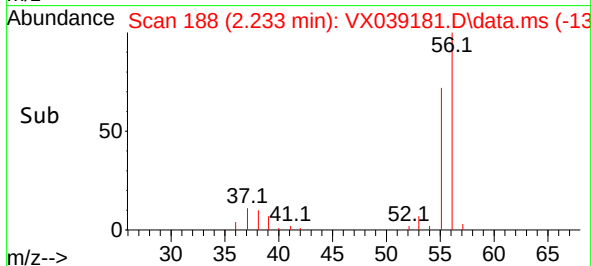
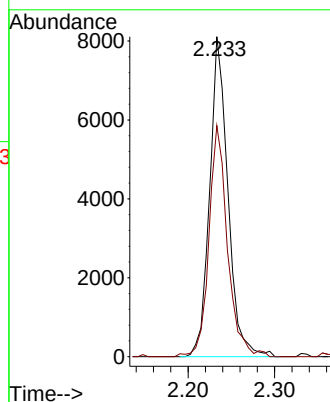
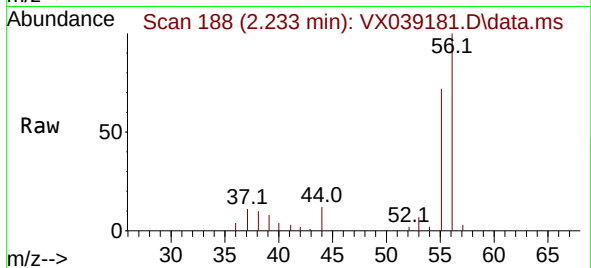
55 73.5 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#14

Allyl chloride

Concen: 4.836 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

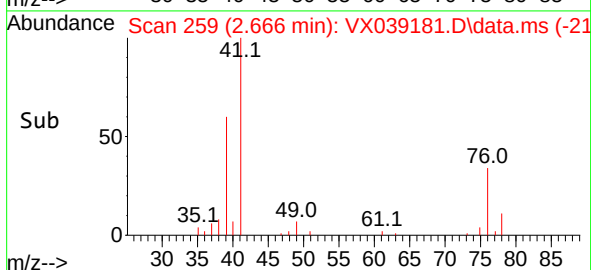
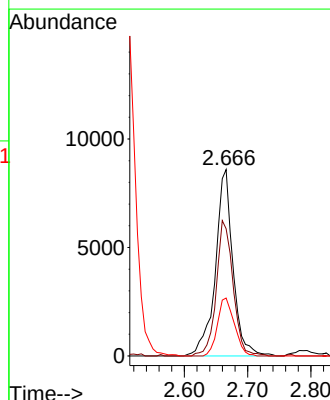
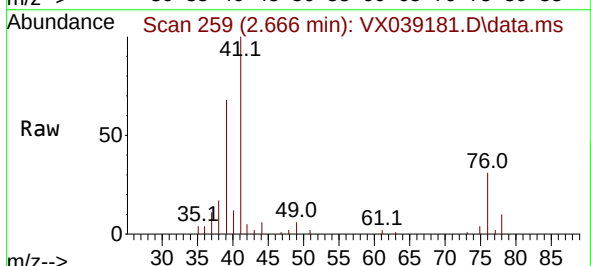
Tgt Ion: 41 Resp: 16610

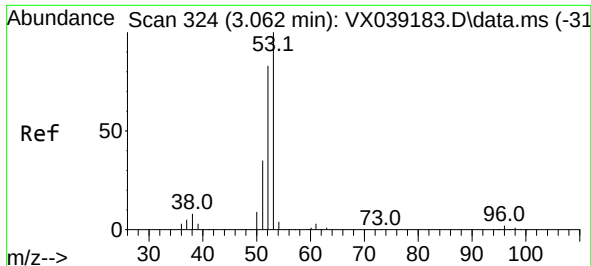
Ion Ratio Lower Upper

41 100

39 69.1 55.8 83.6

76 29.9 24.3 36.5





#15

Acrylonitrile

Concen: 25.075 ug/l

RT: 3.062 min Scan# 301

Delta R.T. 0.000 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

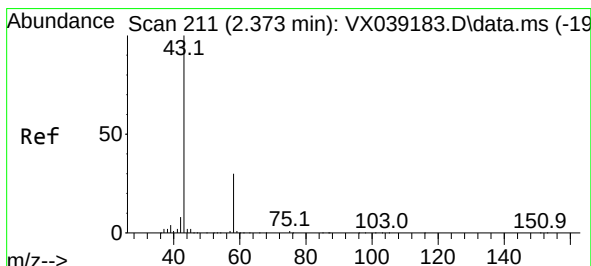
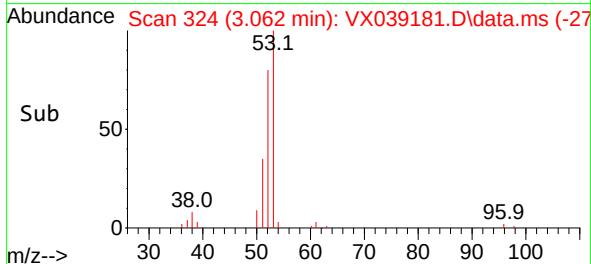
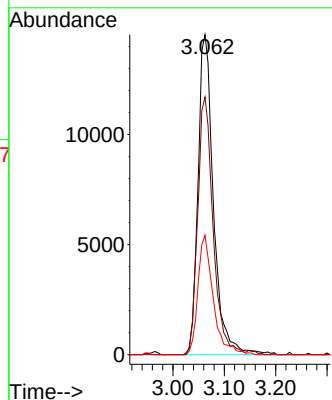
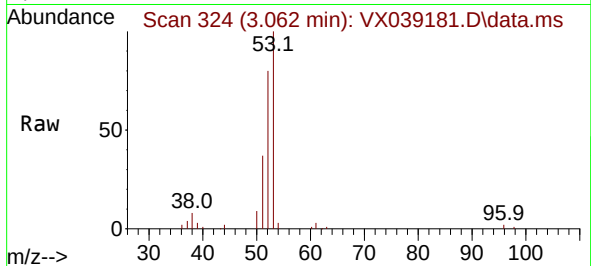
Tgt Ion: 53 Resp: 30440
 Ion Ratio Lower Upper
 53 100
 52 80.1 66.0 99.0
 51 37.0 29.8 44.6

Manual Integrations

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Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#16

Acetone

Concen: 16.308 ug/l

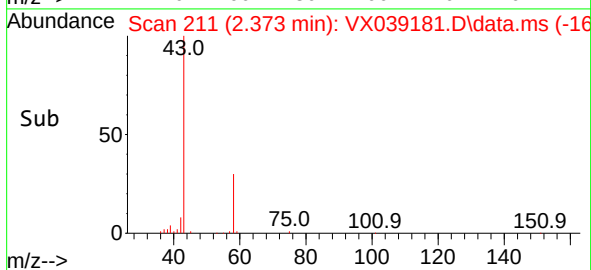
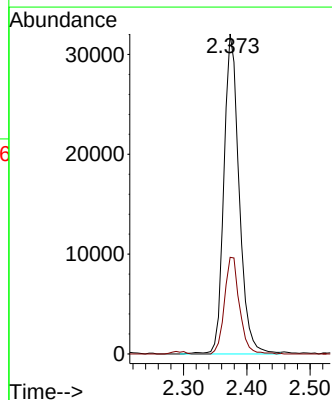
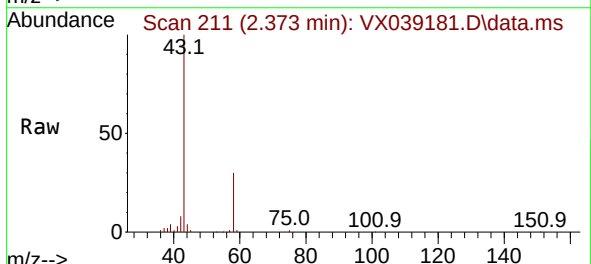
RT: 2.373 min Scan# 211

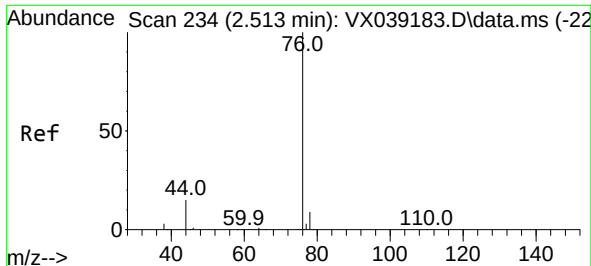
Delta R.T. 0.000 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Tgt Ion: 43 Resp: 53551
 Ion Ratio Lower Upper
 43 100
 58 30.0 21.9 32.9





#17

Carbon Disulfide

Concen: 4.703 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 2333

Ion Ratio Lower Upper

76 100

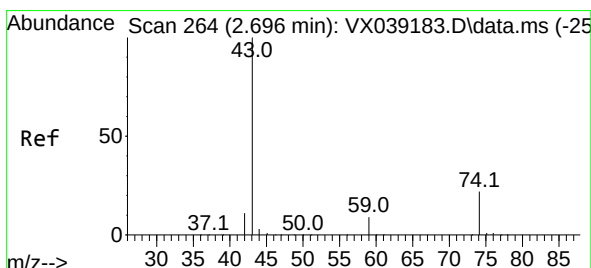
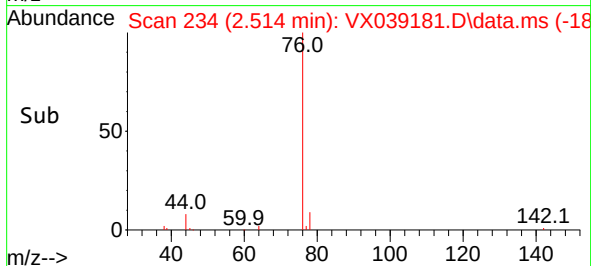
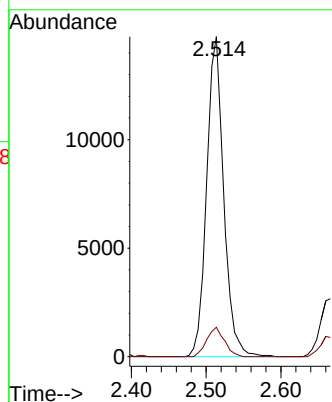
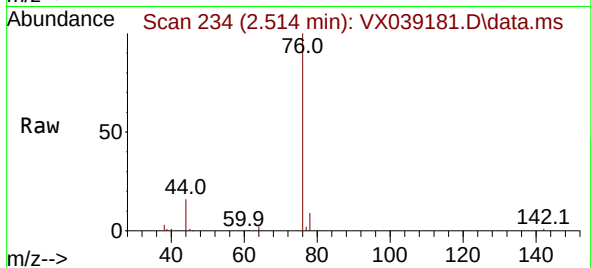
78 9.2 7.0 10.6

Manual Integrations

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Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#18

Methyl Acetate

Concen: 4.867 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX039181.D

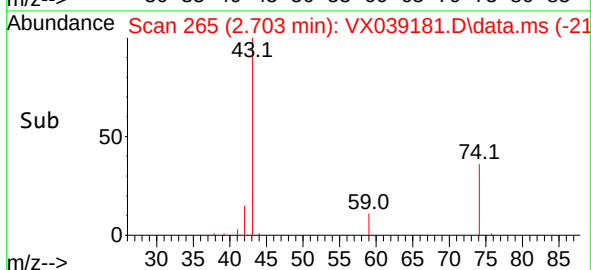
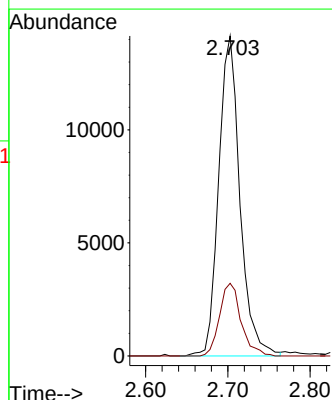
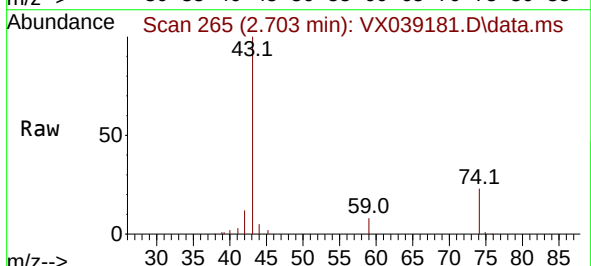
Acq: 13 Dec 2023 10:35

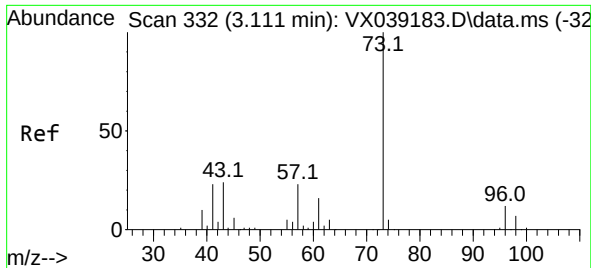
Tgt Ion: 43 Resp: 25422

Ion Ratio Lower Upper

43 100

74 23.0 17.8 26.8





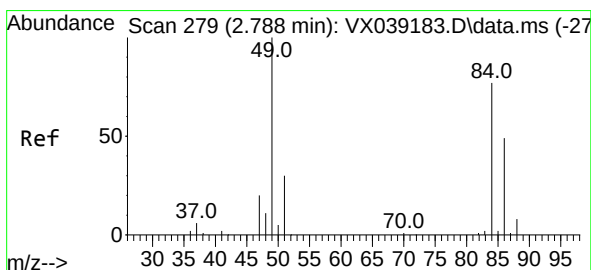
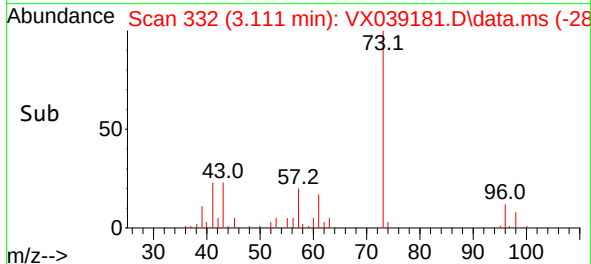
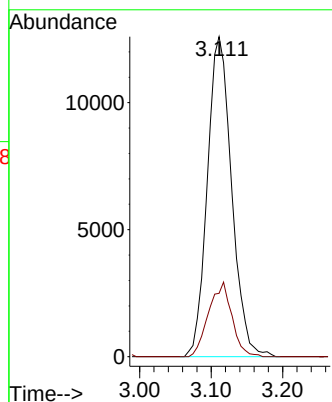
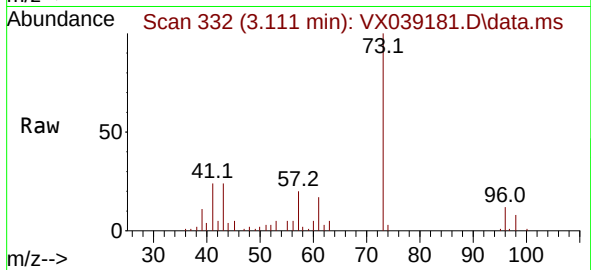
#19
Methyl tert-butyl Ether
Concen: 4.851 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 2974
Ion Ratio Lower Upper
73 100
57 19.8 17.3 25.9

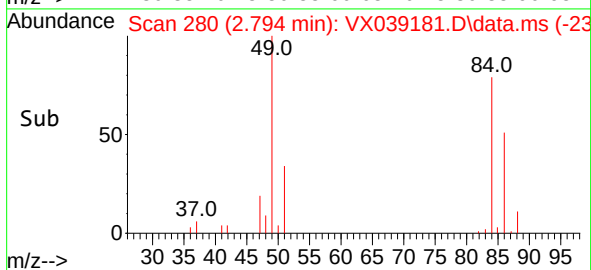
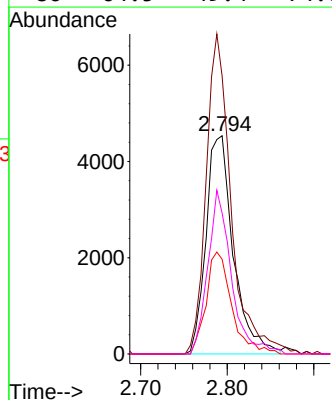
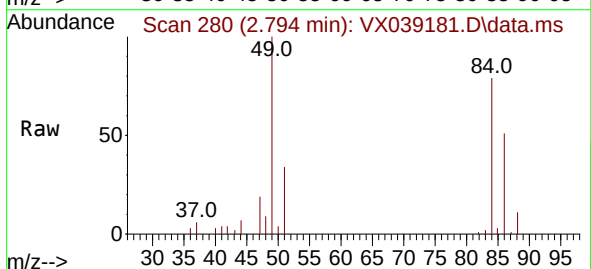
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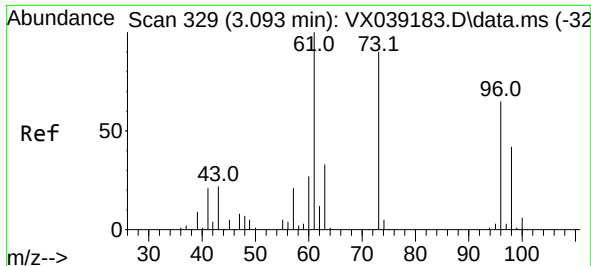
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#20
Methylene Chloride
Concen: 4.943 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

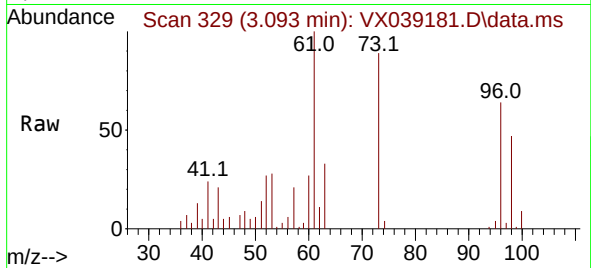
Tgt Ion: 84 Resp: 9951
Ion Ratio Lower Upper
84 100
49 127.2 103.6 155.4
51 43.4 33.8 50.6
86 64.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 4.968 ug/l
RT: 3.093 min Scan# 316
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

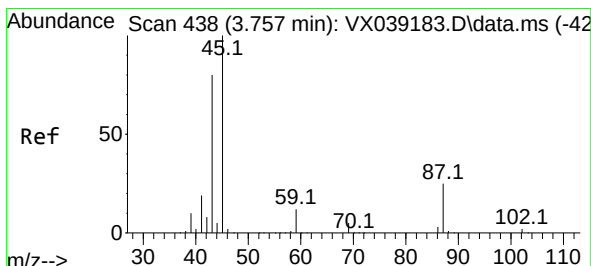
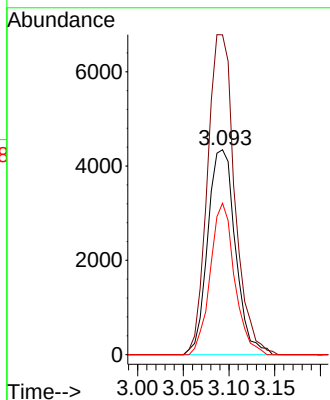
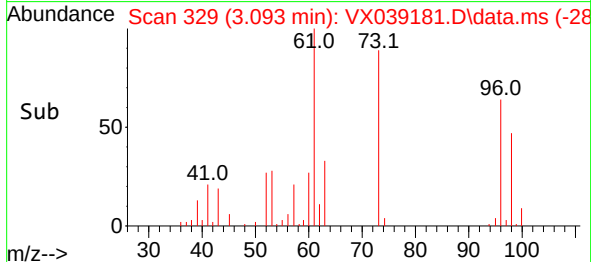
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



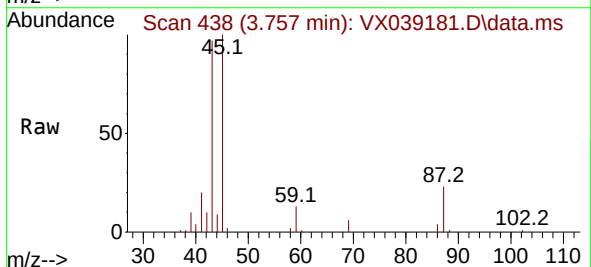
Tgt Ion: 96 Resp: 9164
Ion Ratio Lower Upper
96 100
61 156.1 119.2 178.8
98 73.9 48.7 73.1

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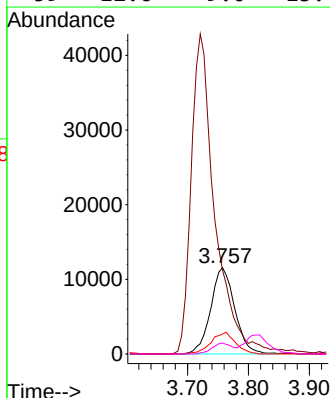
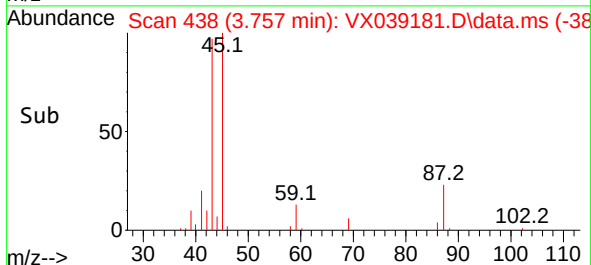
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

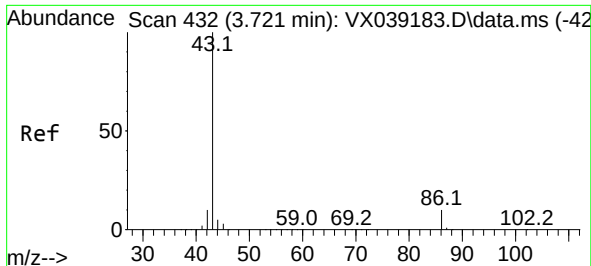


#22
Diisopropyl ether
Concen: 5.085 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35



Tgt Ion: 45 Resp: 31789
Ion Ratio Lower Upper
45 100
43 93.6 69.7 104.5
87 23.0 20.8 31.2
59 12.6 9.0 13.4





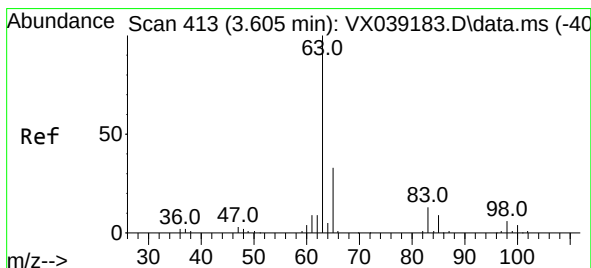
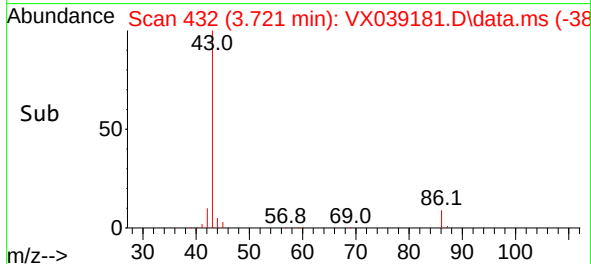
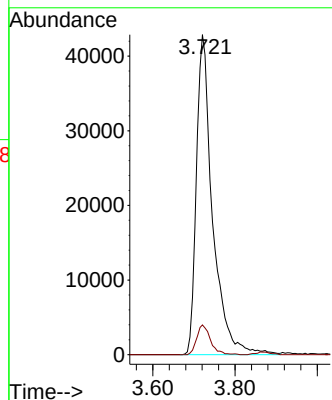
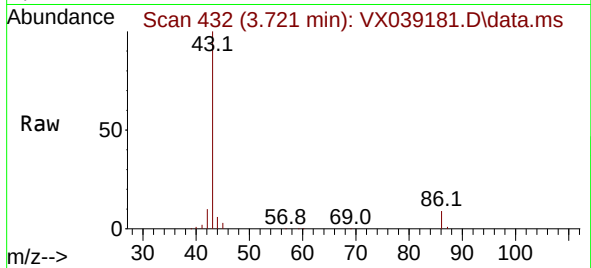
#23
 Vinyl Acetate
 Concen: 25.143 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039181.D
 Acq: 13 Dec 2023 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 11702
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8

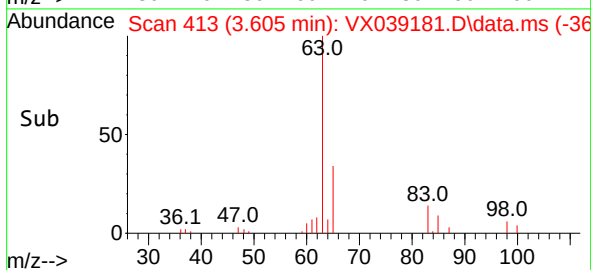
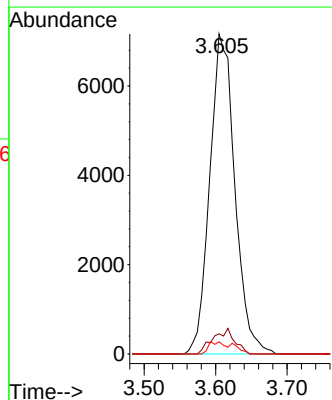
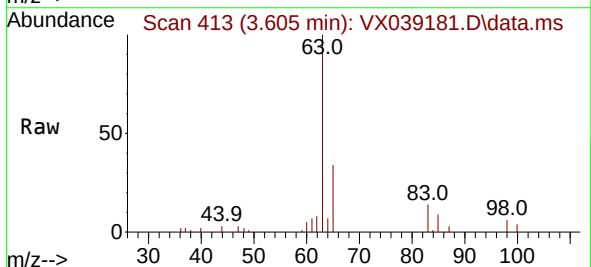
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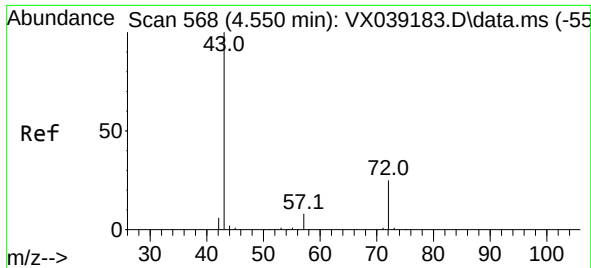
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#24
 1,1-Dichloroethane
 Concen: 4.948 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039181.D
 Acq: 13 Dec 2023 10:35

Tgt Ion: 63 Resp: 17487
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.8
 100 3.8 2.1 6.5





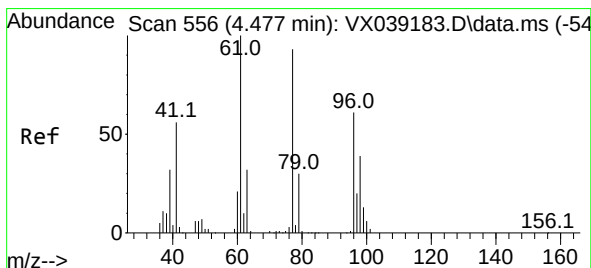
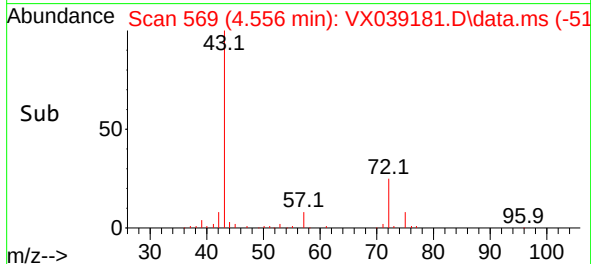
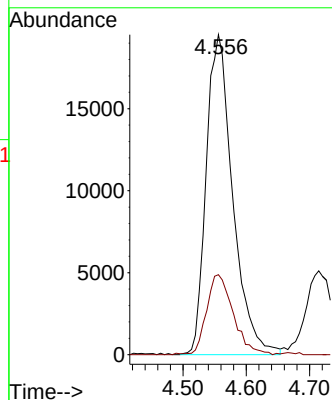
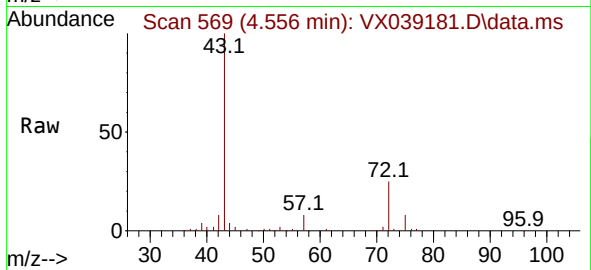
#25
2-Butanone
Concen: 27.288 ug/l
RT: 4.556 min Scan# 5687
Delta R.T. 0.006 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 5687
Ion Ratio Lower Upper
43 100
72 24.7 19.4 29.2

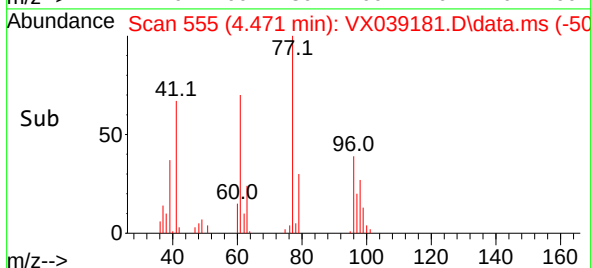
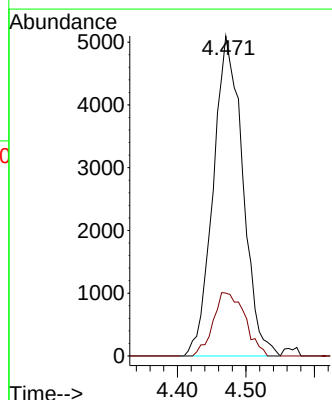
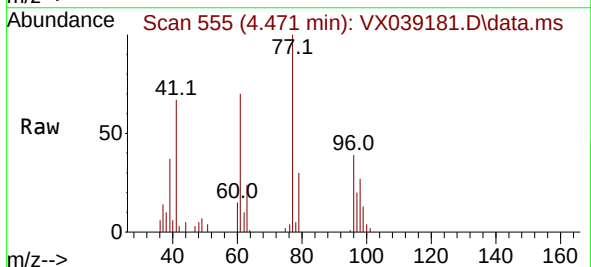
Manual Integrations
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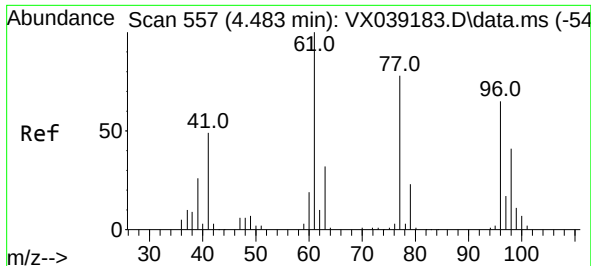
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#26
2,2-Dichloropropane
Concen: 4.949 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Tgt Ion: 77 Resp: 15270
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 5.114 ug/l

RT: 4.495 min Scan# 557

Delta R.T. 0.012 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 96 Resp: 1041

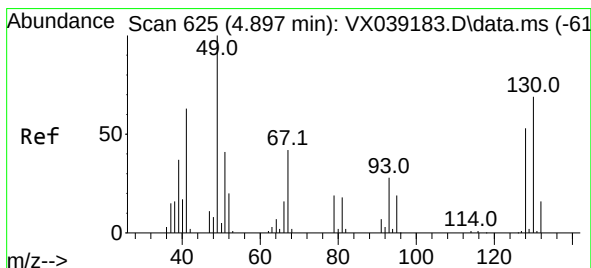
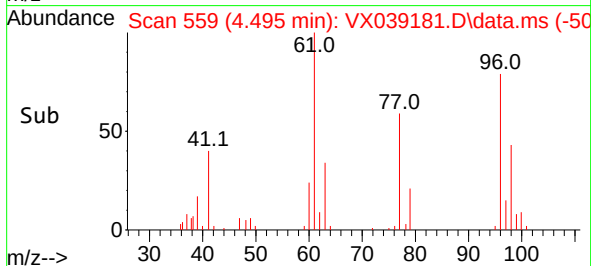
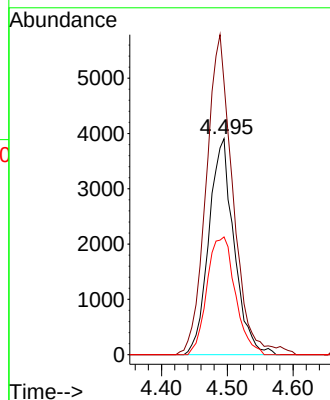
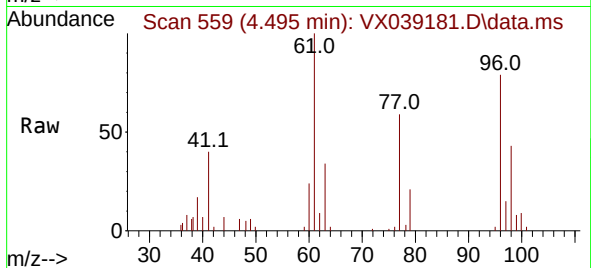
Ion	Ratio	Lower	Upper
96	100		
61	157.2	0.0	312.2
98	60.9	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#28

Bromochloromethane

Concen: 4.668 ug/l

RT: 4.903 min Scan# 626

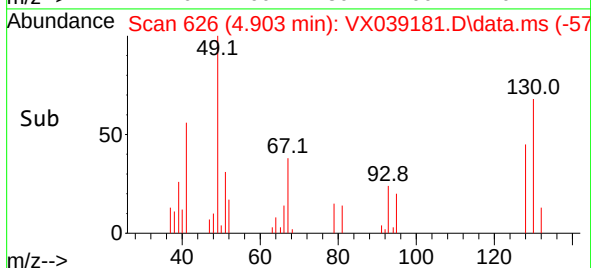
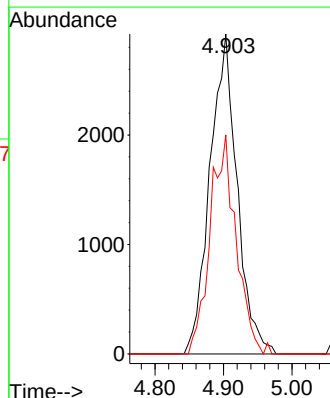
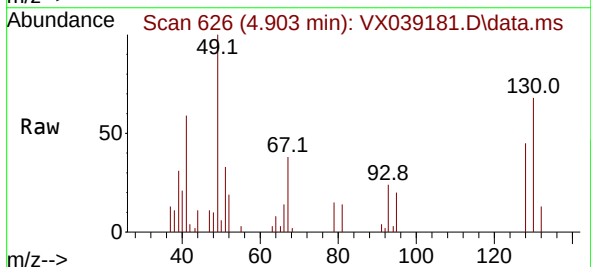
Delta R.T. 0.006 min

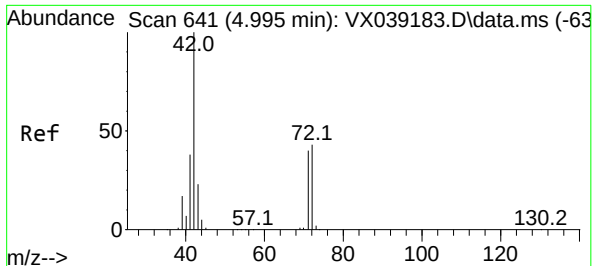
Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Tgt Ion: 49 Resp: 8050

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	65.3	57.5	86.3





#29

Tetrahydrofuran

Concen: 24.762 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.012 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

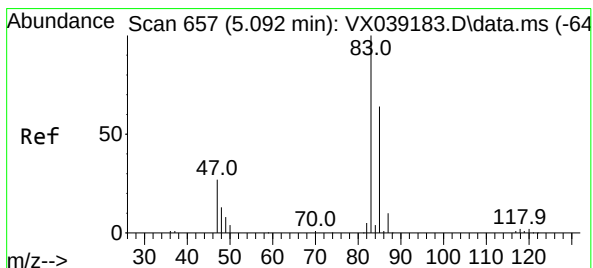
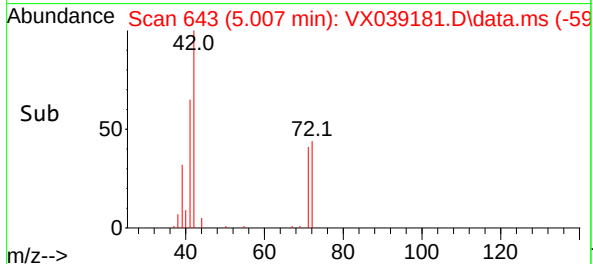
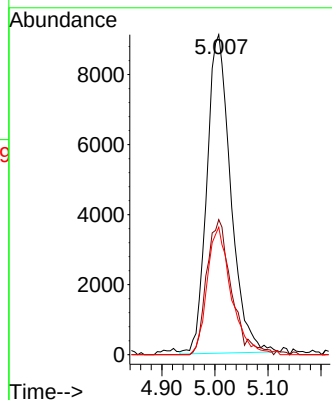
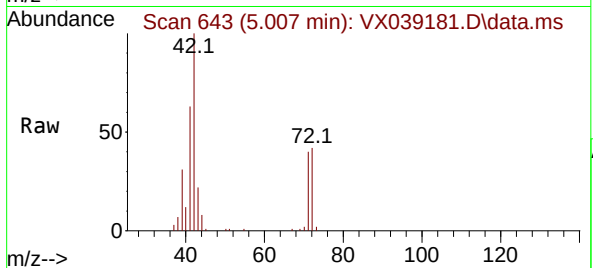
Tgt Ion:	42	Resp:	2849
Ion Ratio	Lower	Upper	
42	100		
72	43.8	34.2	51.4
71	40.4	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#30

Chloroform

Concen: 4.928 ug/l

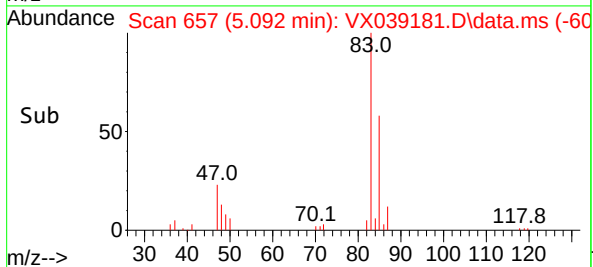
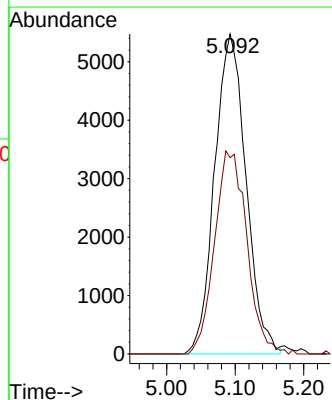
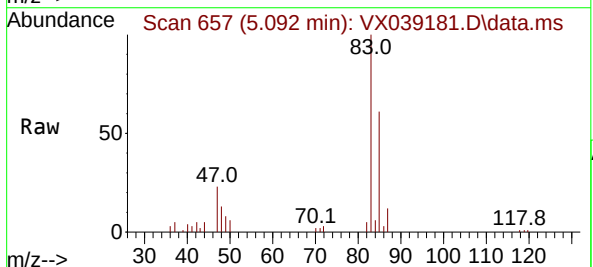
RT: 5.092 min Scan# 657

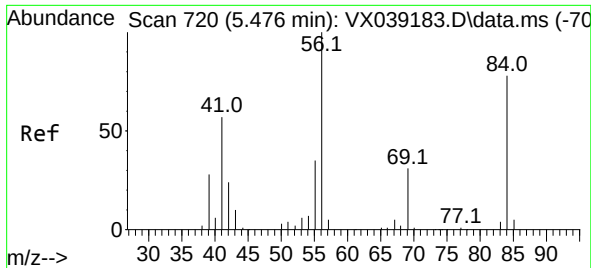
Delta R.T. 0.000 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

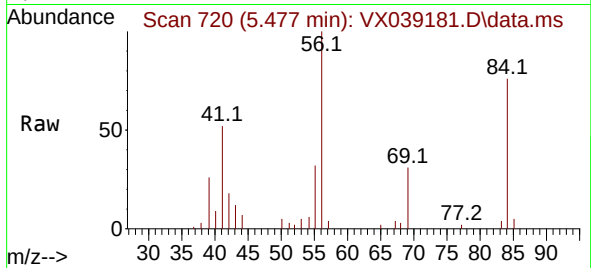
Tgt Ion:	83	Resp:	17404
Ion Ratio	Lower	Upper	
83	100		
85	61.4	50.3	75.5





#31
Cyclohexane
Concen: 4.919 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

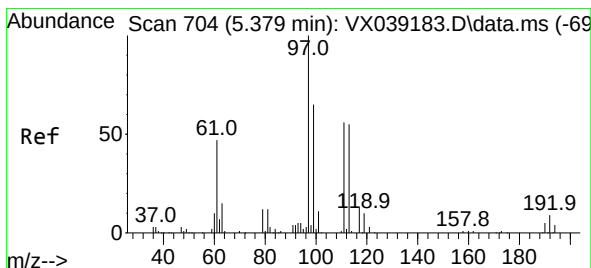
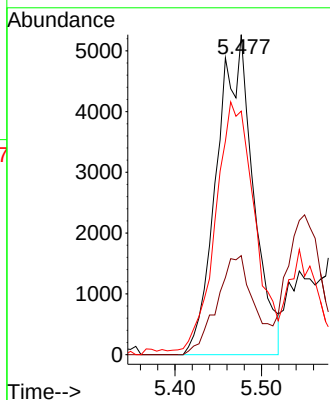
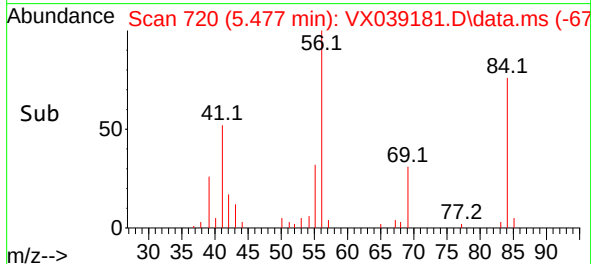
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 1534
Ion Ratio Lower Upper
56 100
69 31.0 23.4 35.2
84 74.6 65.9 98.9

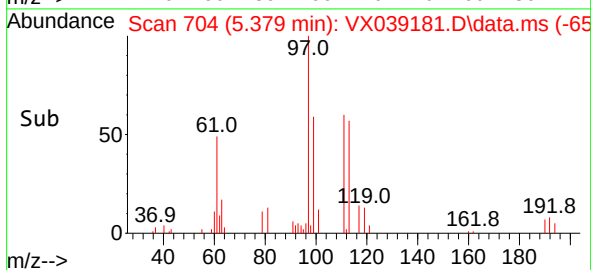
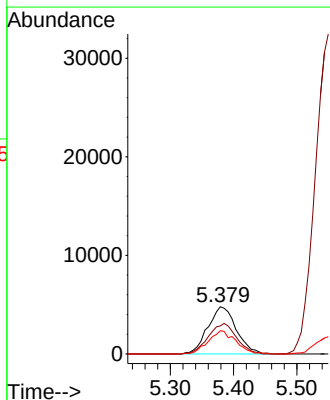
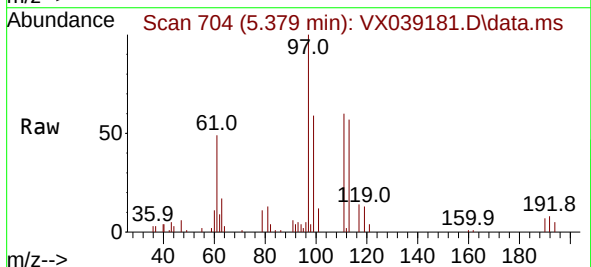
Manual Integrations
APPROVED

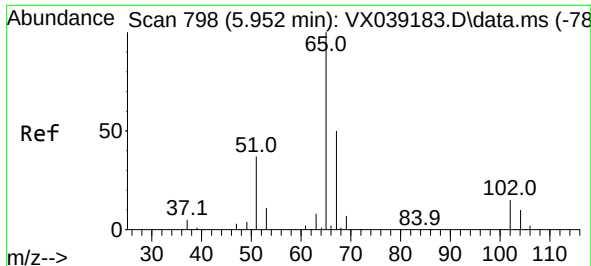
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#32
1,1,1-Trichloroethane
Concen: 4.878 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Tgt Ion: 97 Resp: 14956
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 47.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 5.411 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 13069

Ion Ratio Lower Upper

65 100

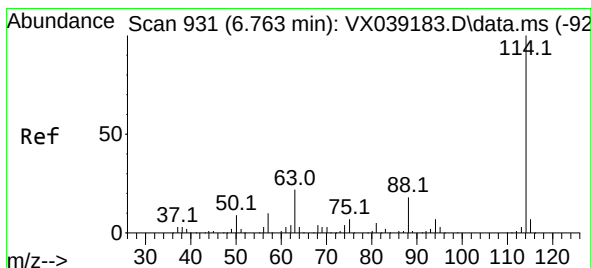
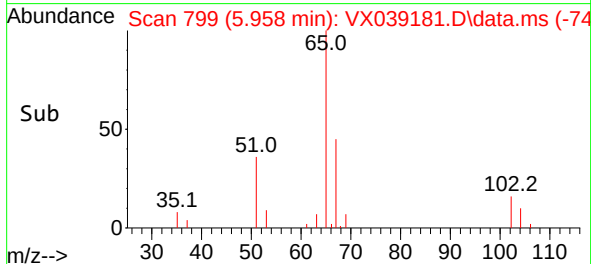
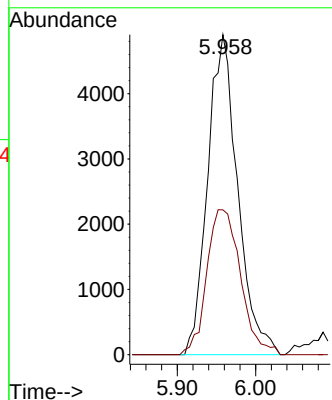
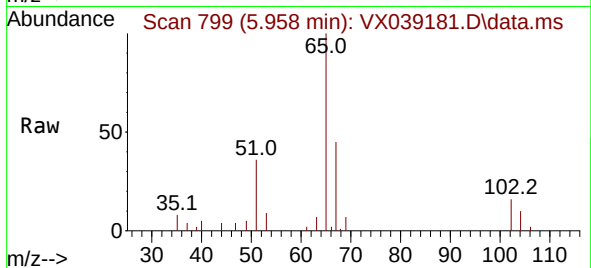
67 50.9 0.0 100.2

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: VX039181.D

Acq: 13 Dec 2023 10:35

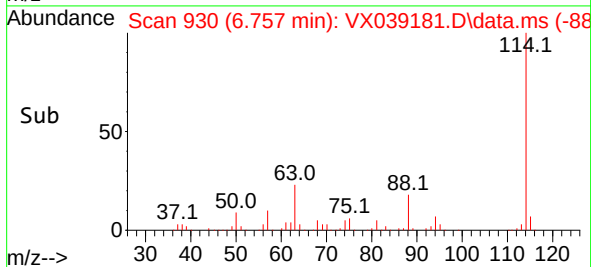
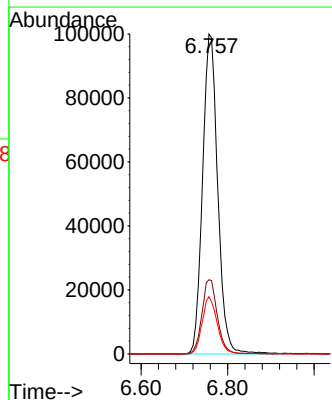
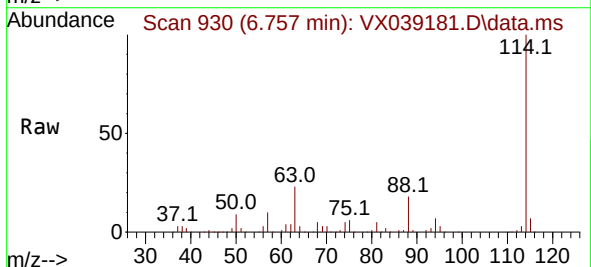
Tgt Ion:114 Resp: 242895

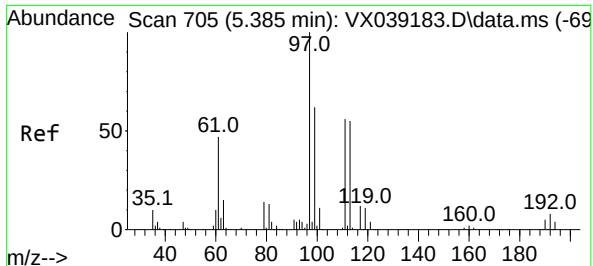
Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

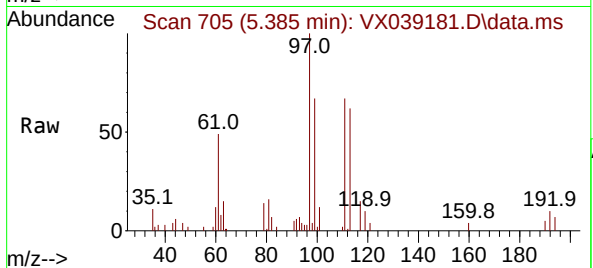
88 17.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 5.237 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

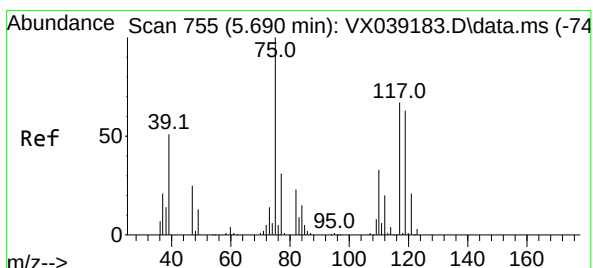
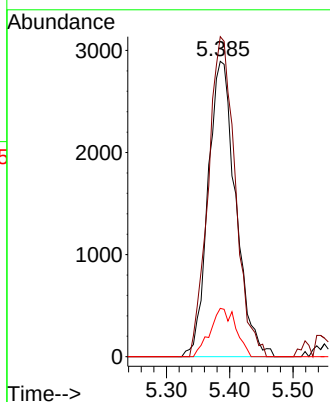
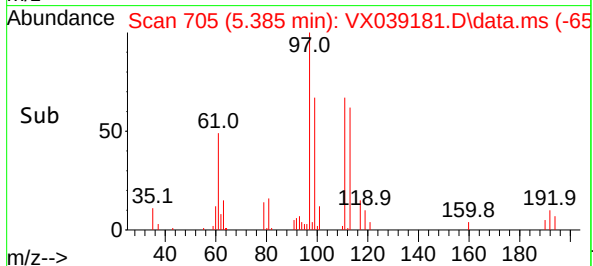
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



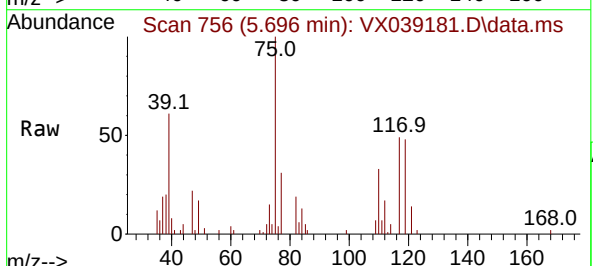
Tgt Ion: 113 Resp: 878
Ion Ratio Lower Upper
113 100
111 105.9 82.9 124.3
192 15.2 13.3 19.9

Manual Integrations
APPROVED

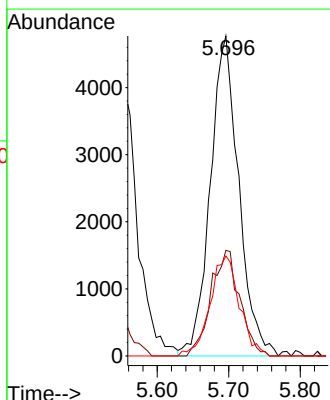
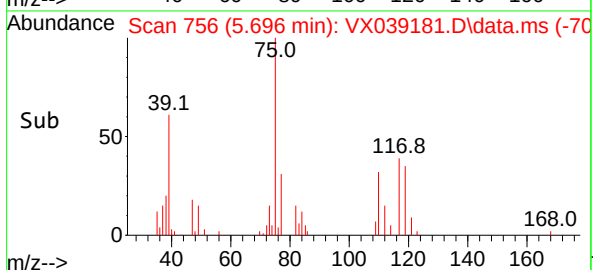
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

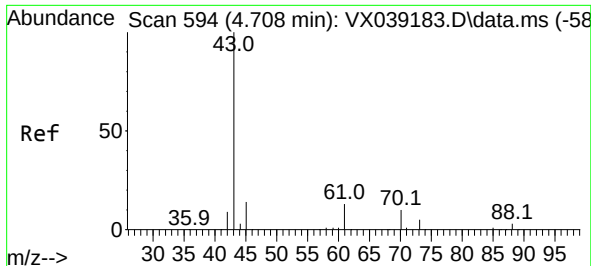


#36
1,1-Dichloropropene
Concen: 4.985 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35



Tgt Ion: 75 Resp: 13200
Ion Ratio Lower Upper
75 100
110 33.5 17.0 50.9
77 32.2 24.7 37.1





#37

Ethyl Acetate

Concen: 4.848 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

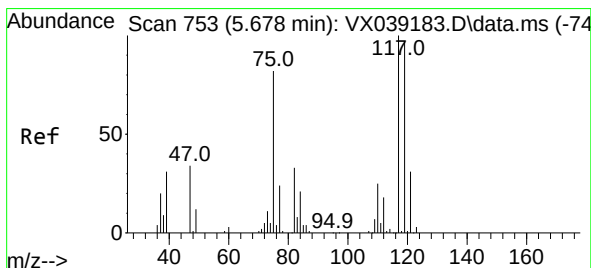
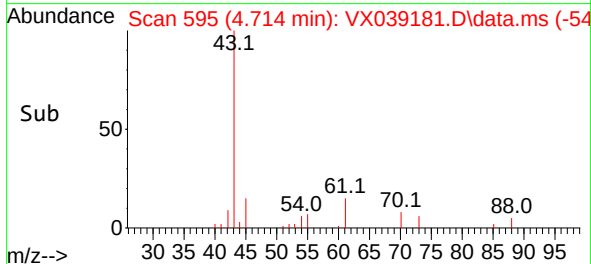
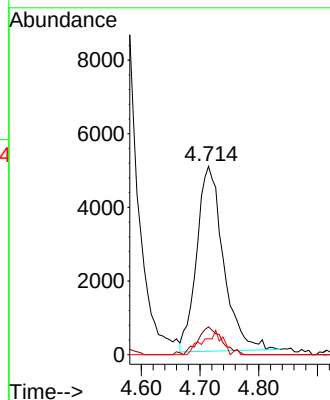
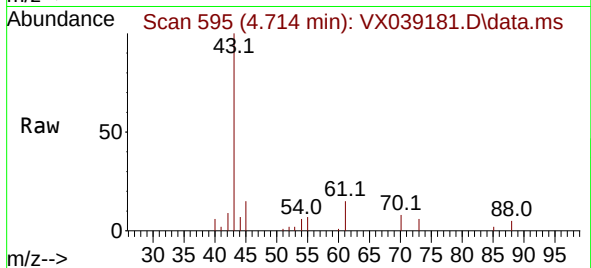
Tgt Ion: 43	Resp: 1586
Ion Ratio	Lower Upper
43 100	
61 13.6	10.6 16.0
70 9.7	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#38

Carbon Tetrachloride

Concen: 4.663 ug/l

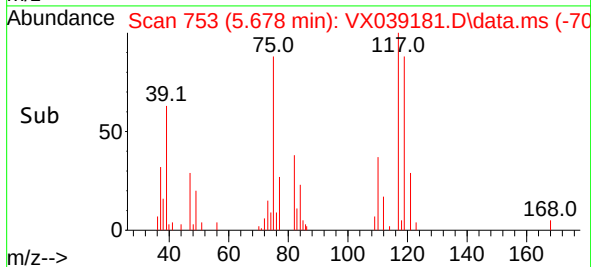
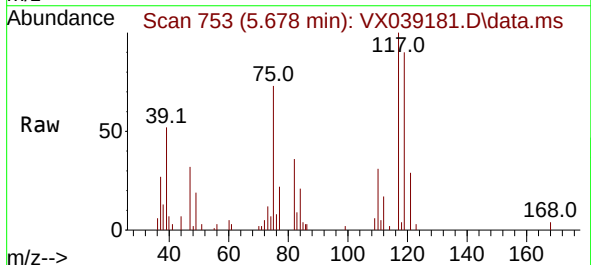
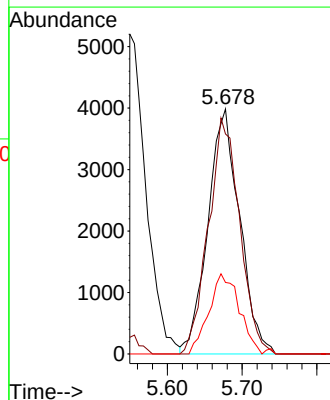
RT: 5.678 min Scan# 753

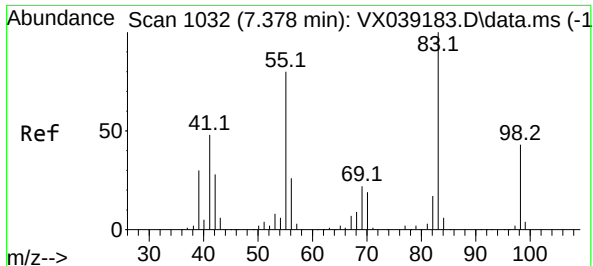
Delta R.T. 0.000 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Tgt Ion:117	Resp: 11783
Ion Ratio	Lower Upper
117 100	
119 89.8	78.2 117.2
121 29.2	24.4 36.6





#39

Methylcyclohexane

Concen: 4.901 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 15590

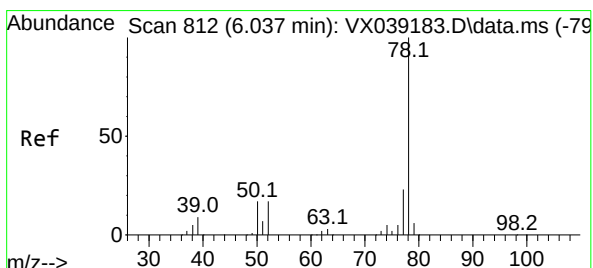
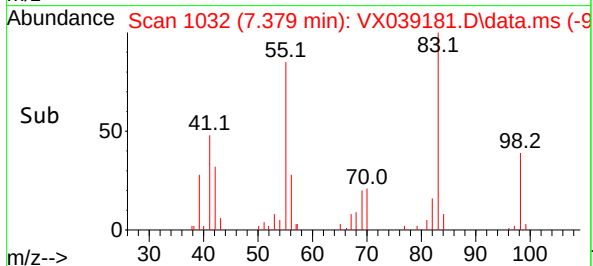
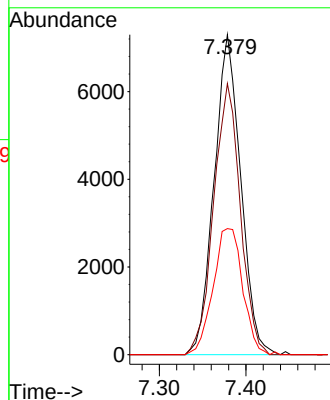
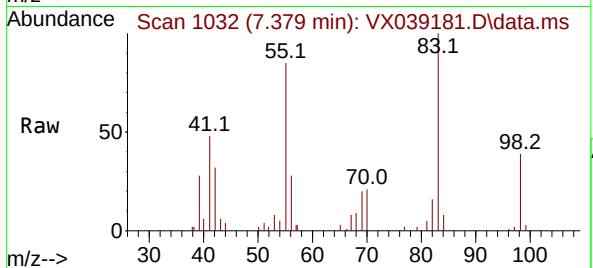
Ion	Ratio	Lower	Upper
83	100		
55	84.7	64.6	97.0
98	39.4	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#40

Benzene

Concen: 5.034 ug/l

RT: 6.037 min Scan# 812

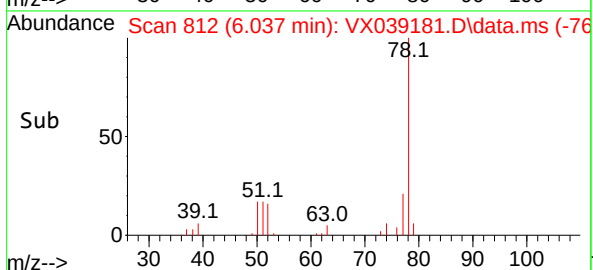
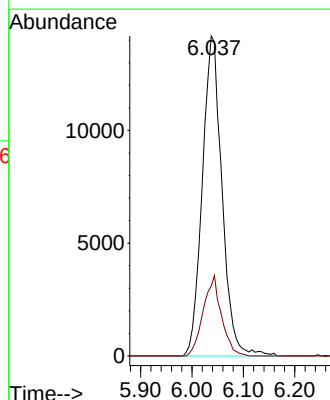
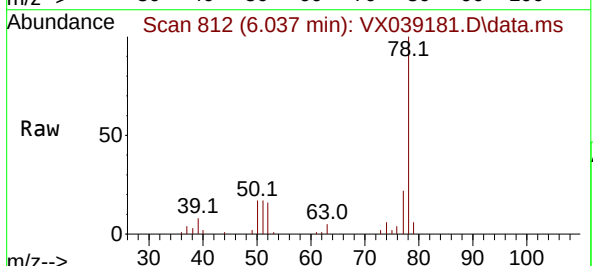
Delta R.T. 0.000 min

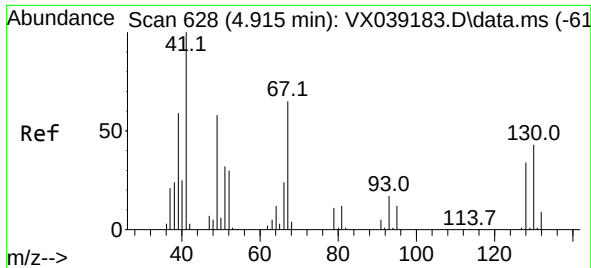
Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Tgt Ion: 78 Resp: 37709

Ion	Ratio	Lower	Upper
78	100		
77	21.8	19.3	28.9





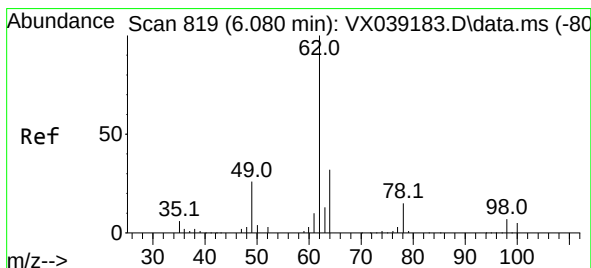
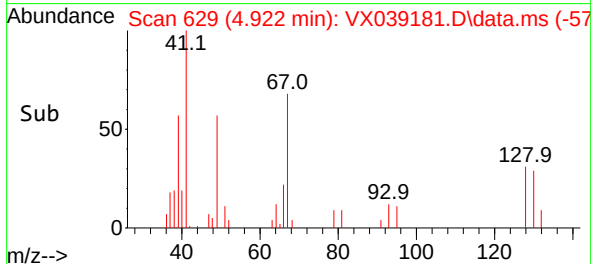
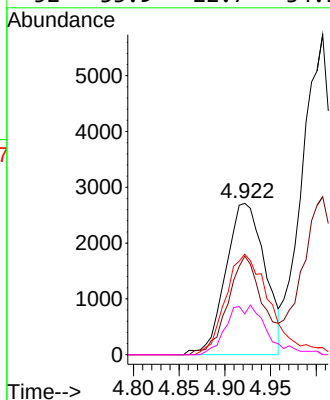
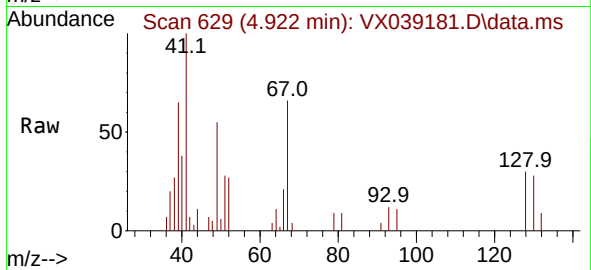
#41
Methacrylonitrile
Concen: 4.636 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 8092
Ion Ratio Lower Upper
41 100
39 58.2 45.2 67.8
67 75.4 52.6 78.8
52 33.9 22.7 34.1

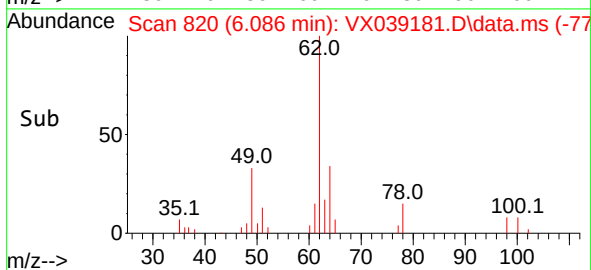
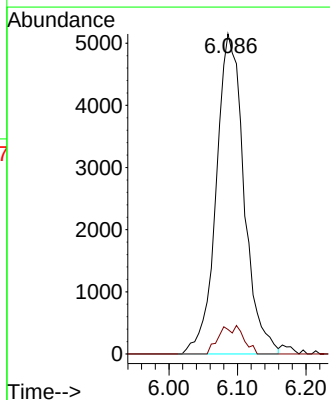
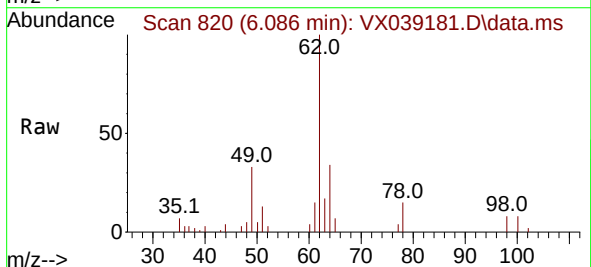
Manual Integrations
APPROVED

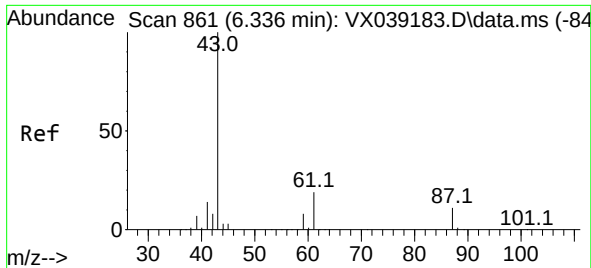
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#42
1,2-Dichloroethane
Concen: 4.788 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Tgt Ion: 62 Resp: 14518
Ion Ratio Lower Upper
62 100
98 7.8 0.0 16.0





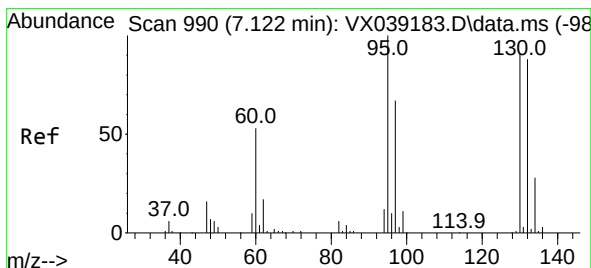
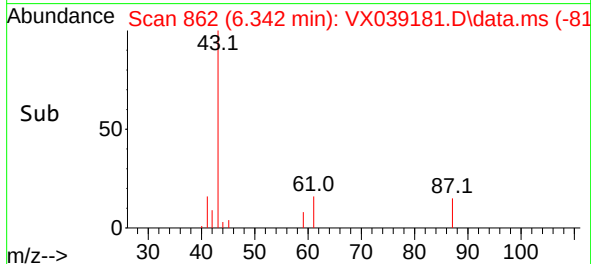
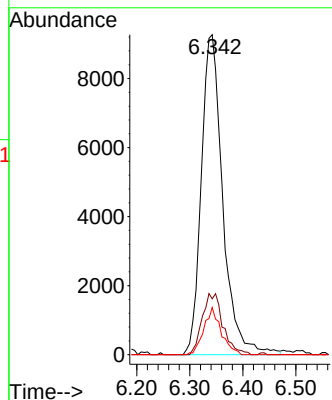
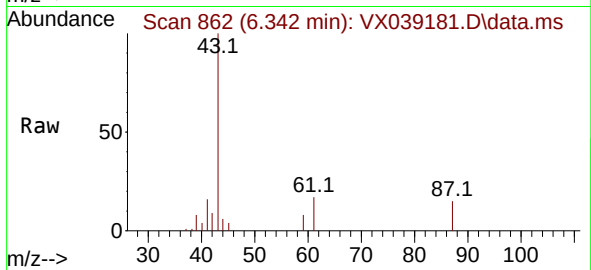
#43
Isopropyl Acetate
Concen: 4.889 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 26009
Ion Ratio Lower Upper
43 100
61 18.5 15.2 22.8
87 11.9 9.8 14.6

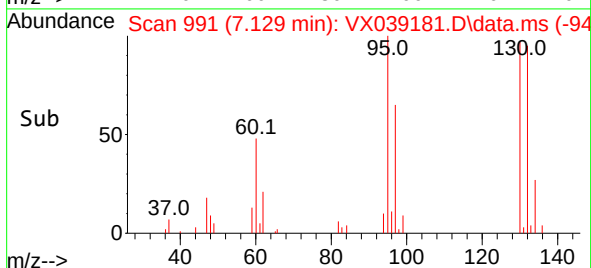
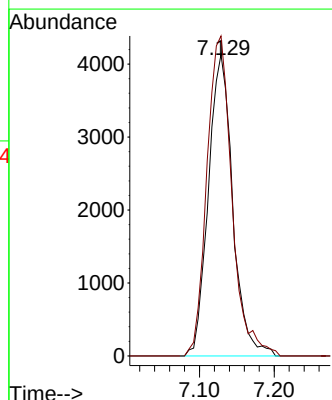
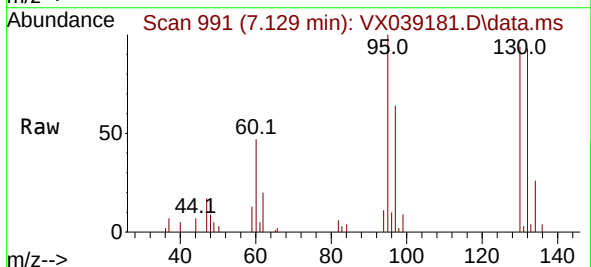
Manual Integrations
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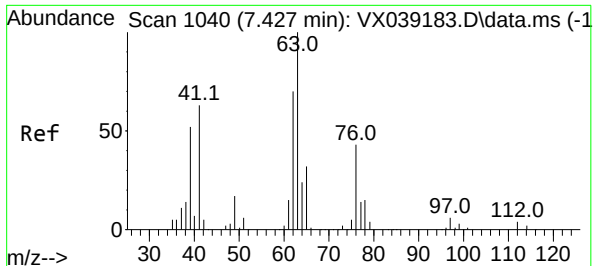
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#44
Trichloroethene
Concen: 4.936 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Tgt Ion:130 Resp: 9331
Ion Ratio Lower Upper
130 100
95 106.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 5.089 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 1023

Ion Ratio Lower Upper

63 100

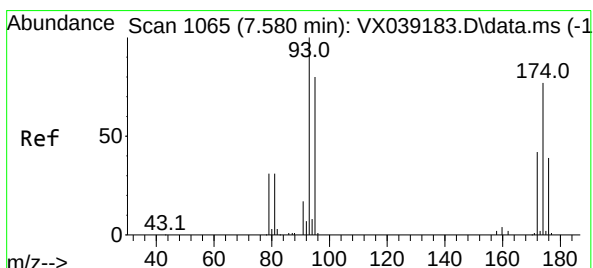
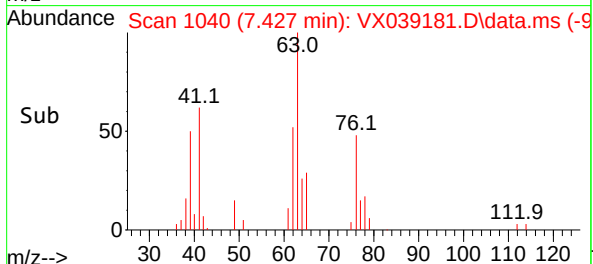
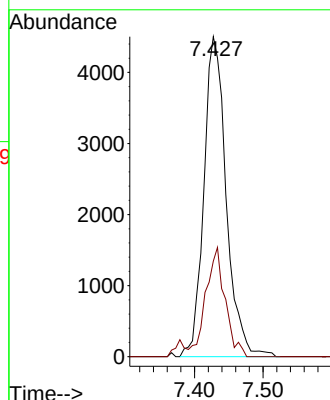
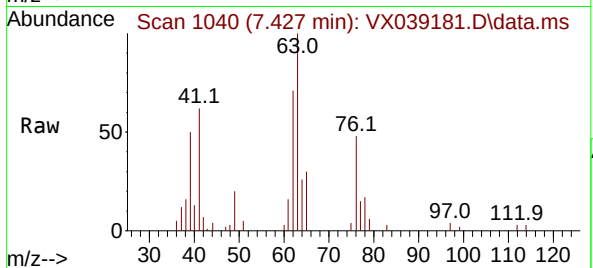
65 29.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#46

Dibromomethane

Concen: 4.793 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

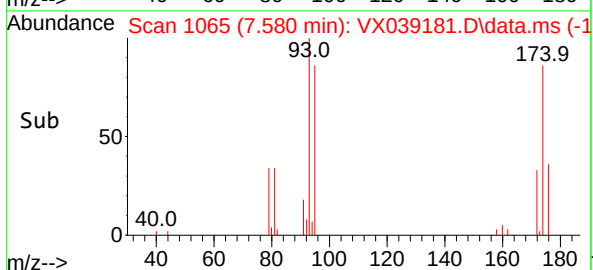
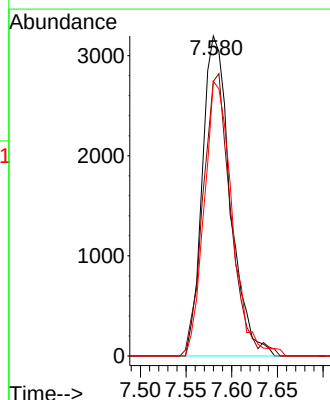
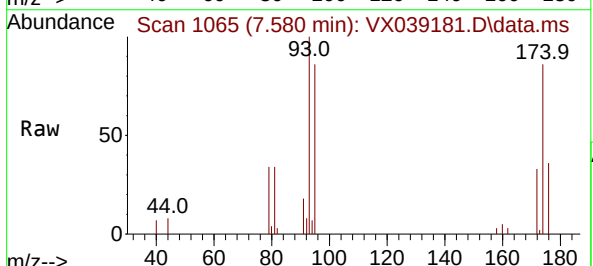
Tgt Ion: 93 Resp: 6773

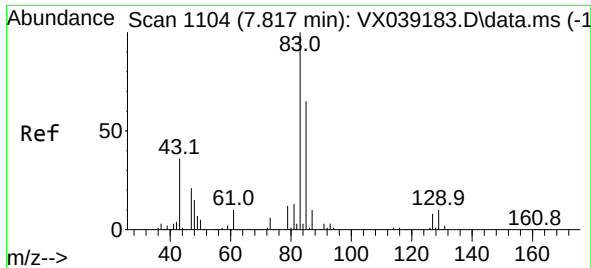
Ion Ratio Lower Upper

93 100

95 88.0 66.6 100.0

174 86.1 69.4 104.0





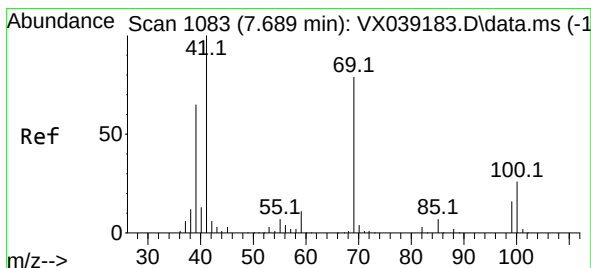
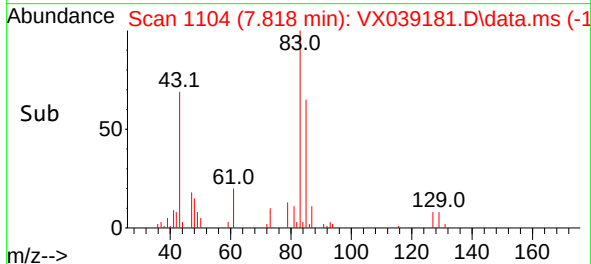
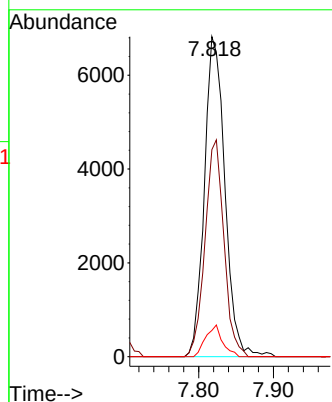
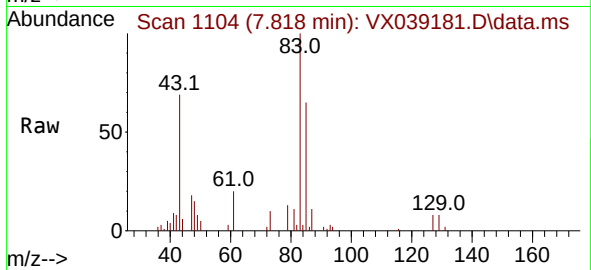
#47
Bromodichloromethane
Concen: 4.822 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 13030
Ion Ratio Lower Upper
83 100
85 64.7 49.8 74.6
127 8.2 7.1 10.7

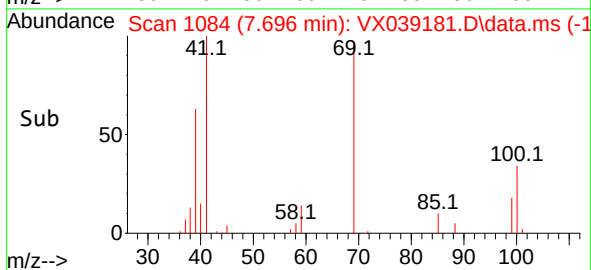
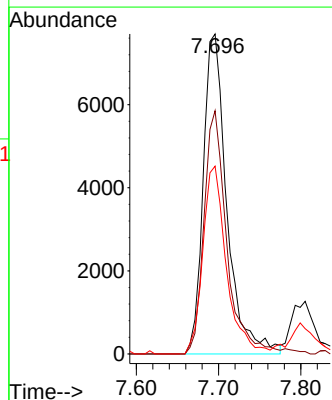
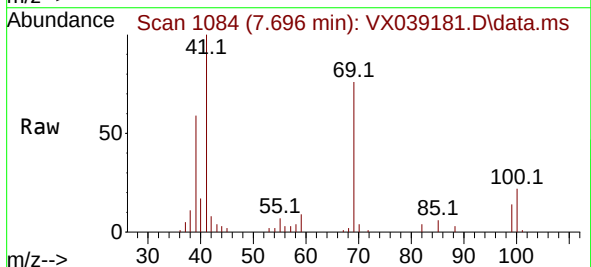
Manual Integrations
APPROVED

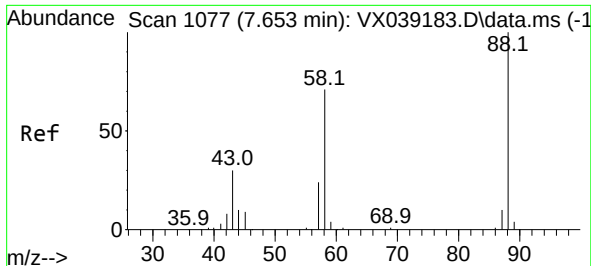
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#48
Methyl methacrylate
Concen: 4.955 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Tgt Ion: 41 Resp: 15411
Ion Ratio Lower Upper
41 100
69 72.9 59.2 88.8
39 58.5 47.7 71.5





#49

1,4-Dioxane

Concen: 92.122 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

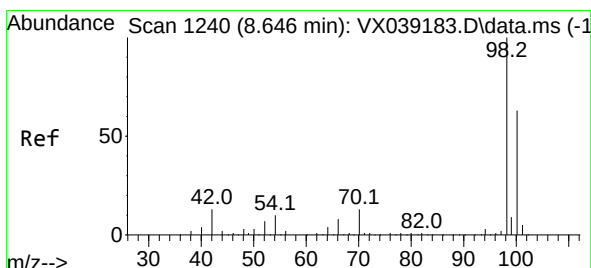
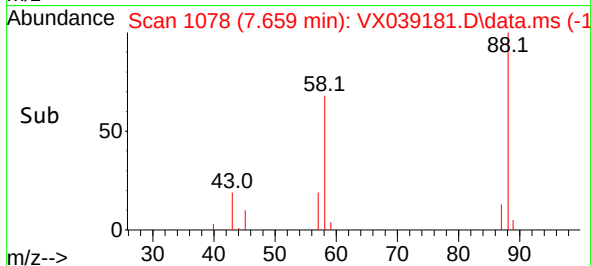
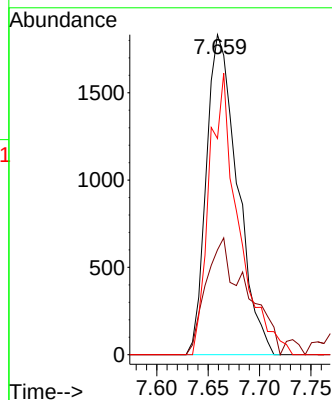
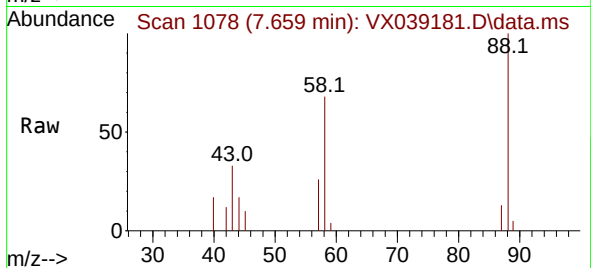
Tgt Ion: 88 Resp: 3862
 Ion Ratio Lower Upper
 88 100
 43 47.6 0.0 0.0
 58 82.6 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#50

Toluene-d8

Concen: 5.358 ug/l

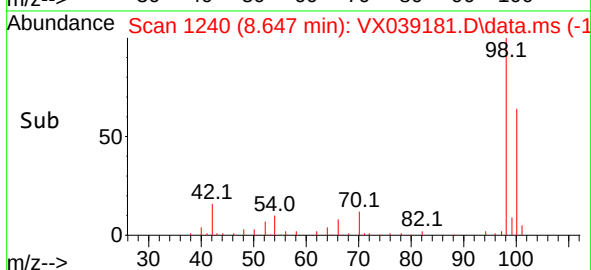
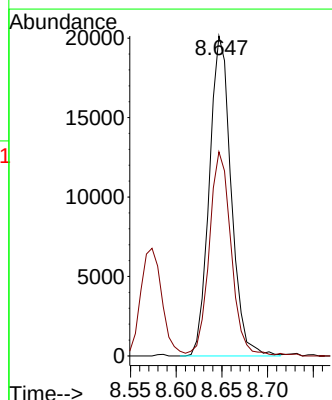
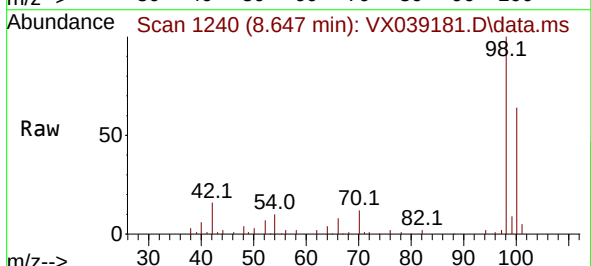
RT: 8.647 min Scan# 1240

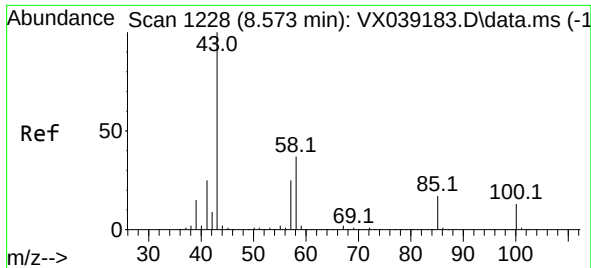
Delta R.T. 0.000 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Tgt Ion: 98 Resp: 33381
 Ion Ratio Lower Upper
 98 100
 100 63.0 53.1 79.7





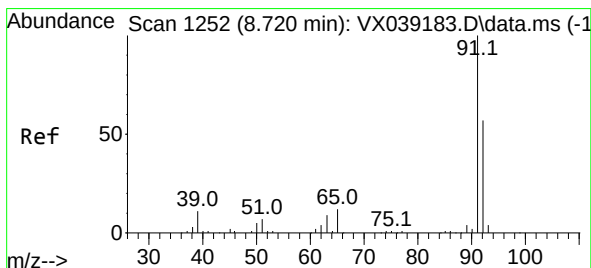
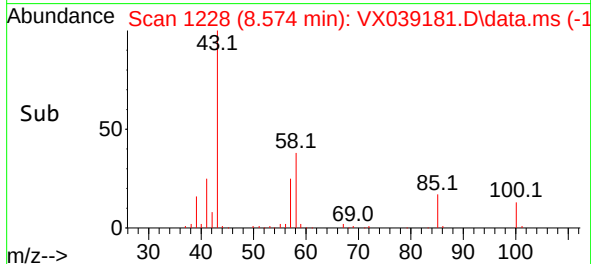
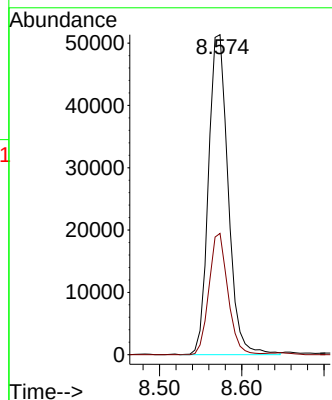
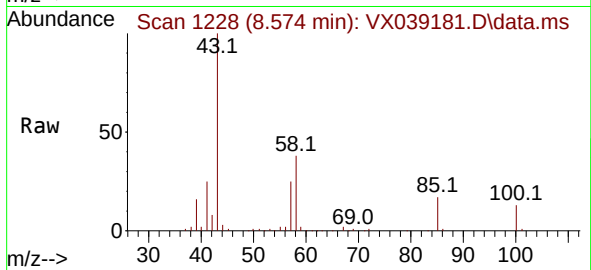
#51
4-Methyl-2-Pentanone
Concen: 25.127 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 85170
Ion Ratio Lower Upper
43 100
58 36.5 30.4 45.6

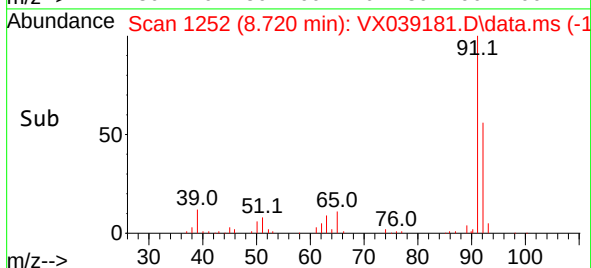
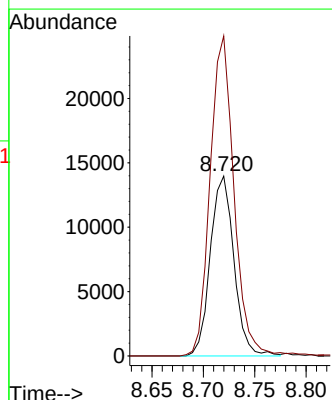
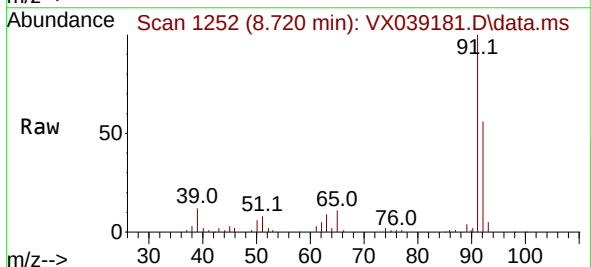
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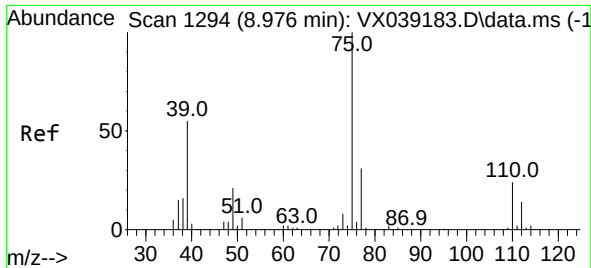
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#52
Toluene
Concen: 4.941 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Tgt Ion: 92 Resp: 22339
Ion Ratio Lower Upper
92 100
91 180.6 134.2 201.2





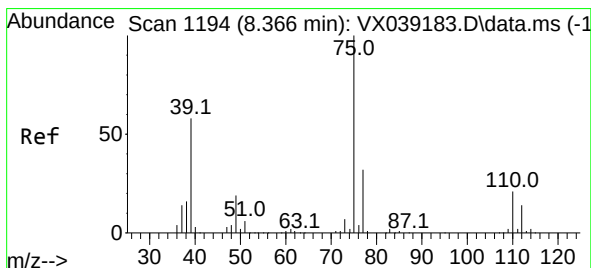
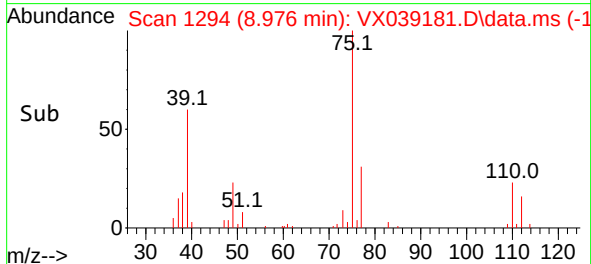
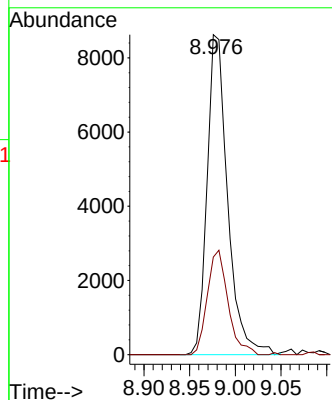
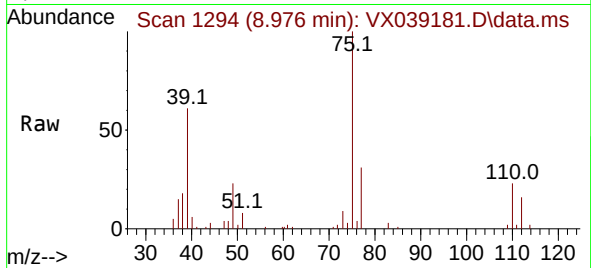
#53
t-1,3-Dichloropropene
Concen: 4.528 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 13470
Ion Ratio Lower Upper
75 100
77 30.5 25.7 38.5

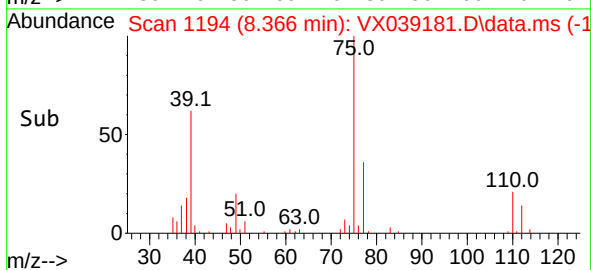
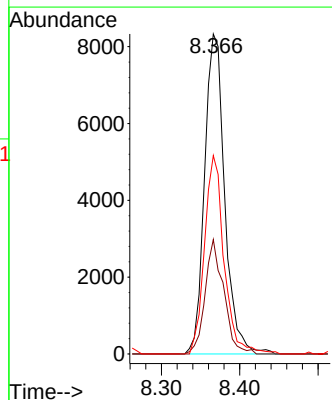
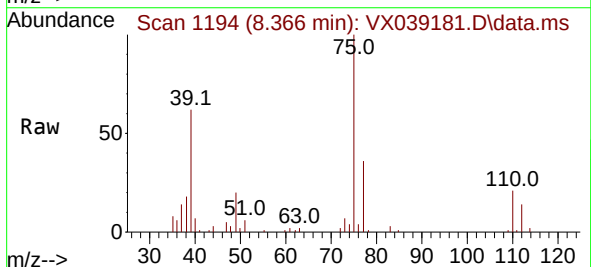
Manual Integrations
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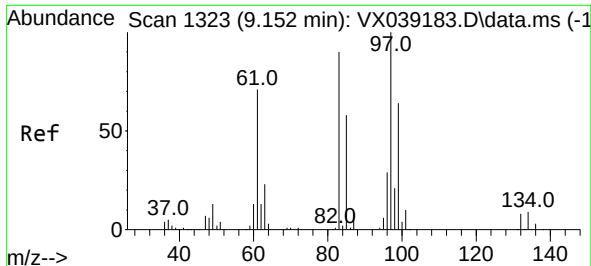
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#54
cis-1,3-Dichloropropene
Concen: 4.636 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Tgt Ion: 75 Resp: 14840
Ion Ratio Lower Upper
75 100
77 35.8 25.3 37.9
39 62.0 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 4.992 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

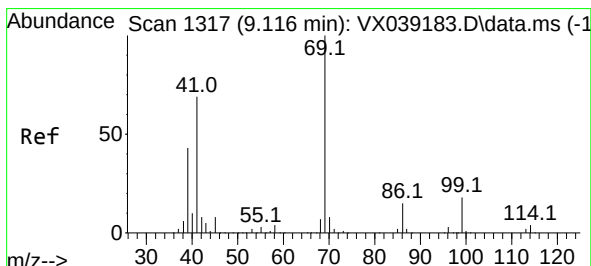
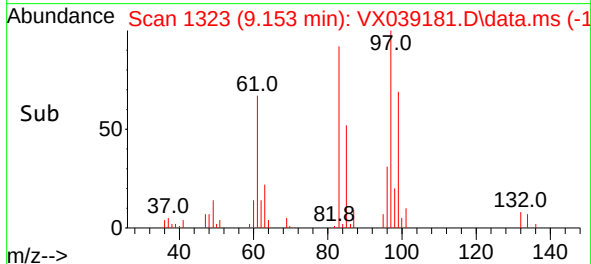
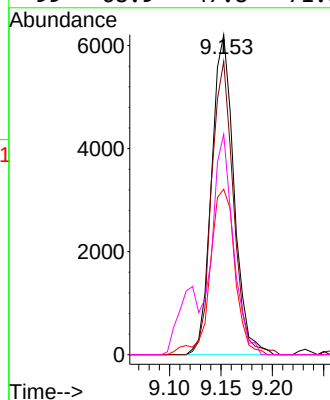
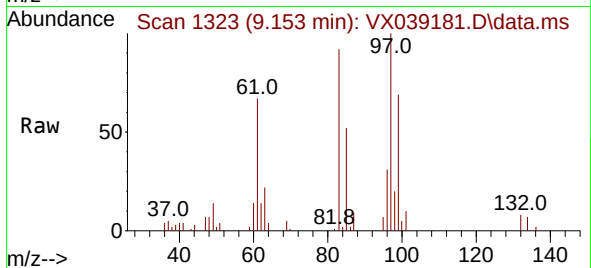
Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.6	65.8	98.8
85	51.7	41.6	62.4
99	68.9	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#56

Ethyl methacrylate

Concen: 4.791 ug/l

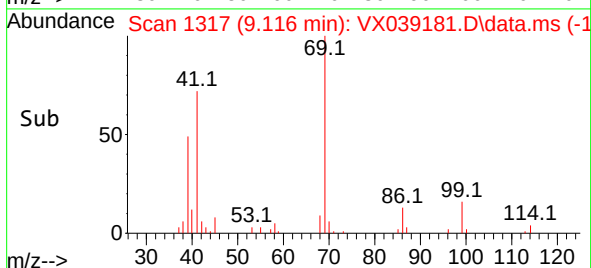
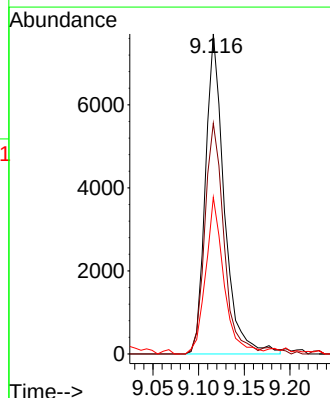
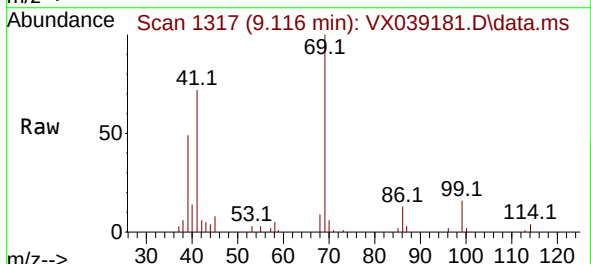
RT: 9.116 min Scan# 1317

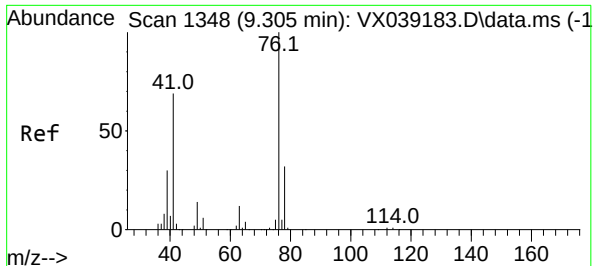
Delta R.T. 0.000 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.0	56.8	85.2
39	47.4	32.0	48.0





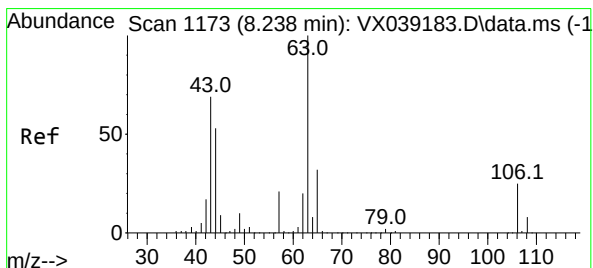
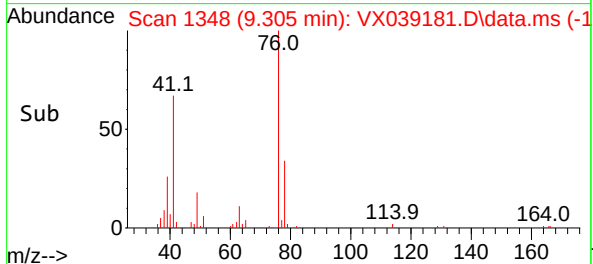
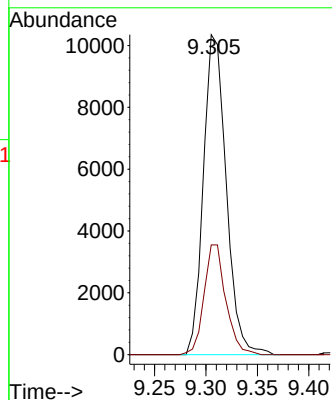
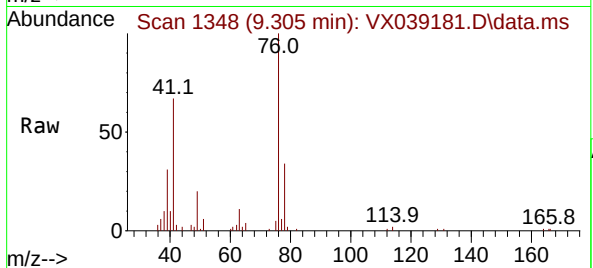
#57
1,3-Dichloropropane
Concen: 4.911 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 1602
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

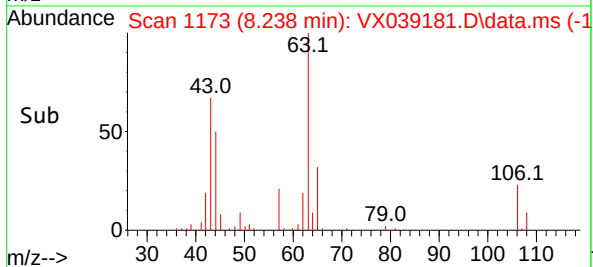
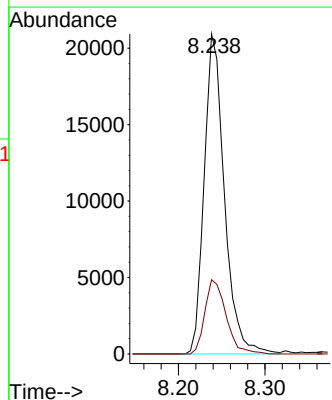
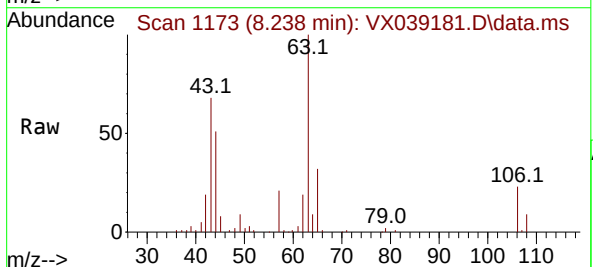
Manual Integrations
APPROVED

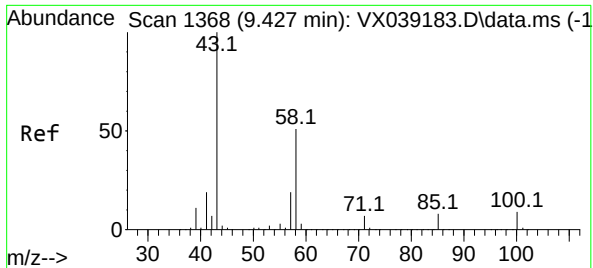
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#58
2-Chloroethyl Vinyl ether
Concen: 25.080 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Tgt Ion: 63 Resp: 33932
Ion Ratio Lower Upper
63 100
106 24.3 22.5 33.7





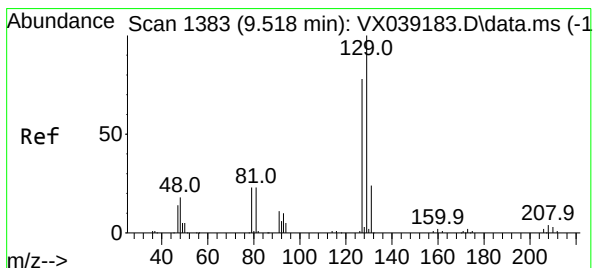
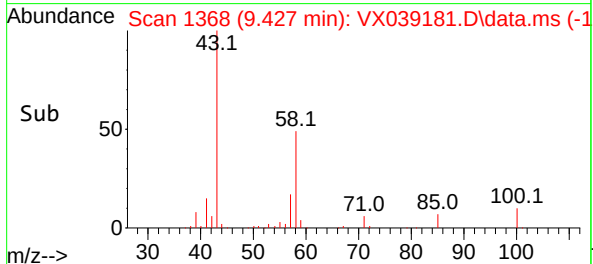
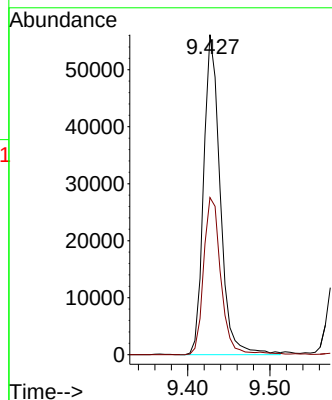
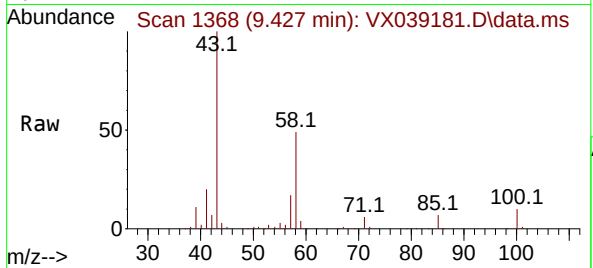
#59
2-Hexanone
Concen: 26.893 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 7867
Ion Ratio Lower Upper
43 100
58 51.3 26.2 78.5

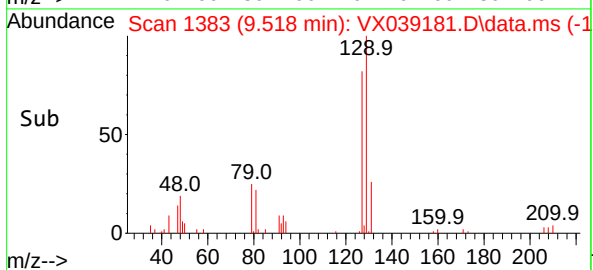
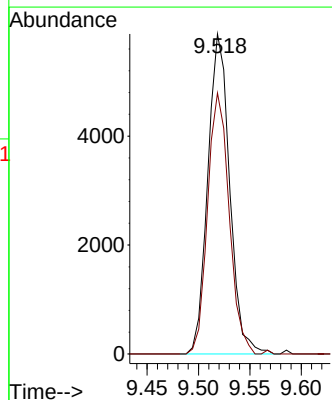
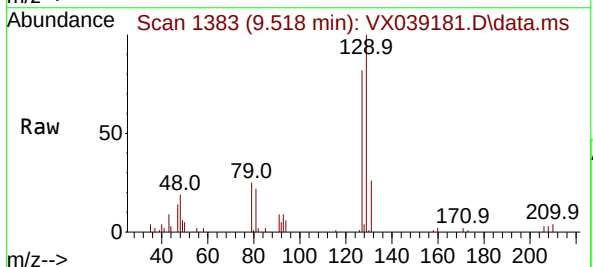
Manual Integrations
APPROVED

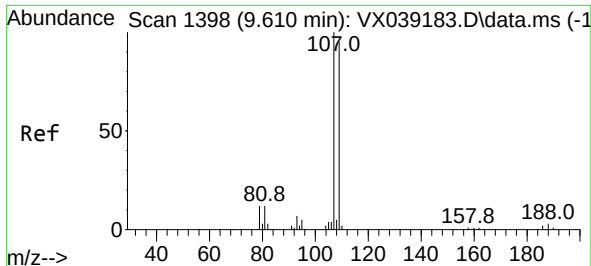
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#60
Dibromochloromethane
Concen: 4.554 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Tgt Ion:129 Resp: 8692
Ion Ratio Lower Upper
129 100
127 80.3 38.8 116.4





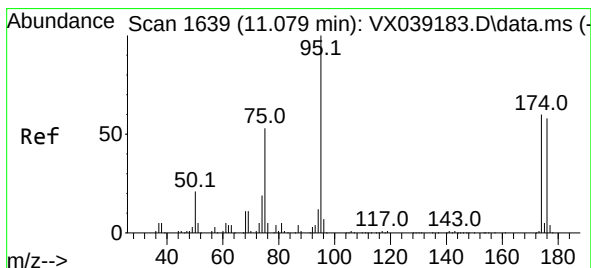
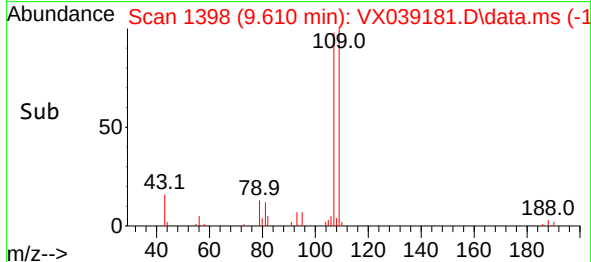
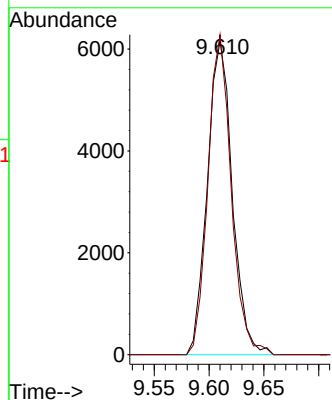
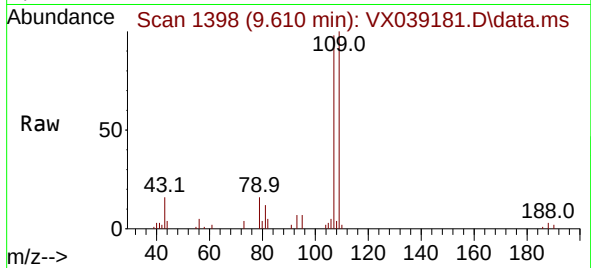
#61
1,2-Dibromoethane
Concen: 4.846 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 976
Ion Ratio Lower Upper
107 100
109 95.1 75.2 112.8

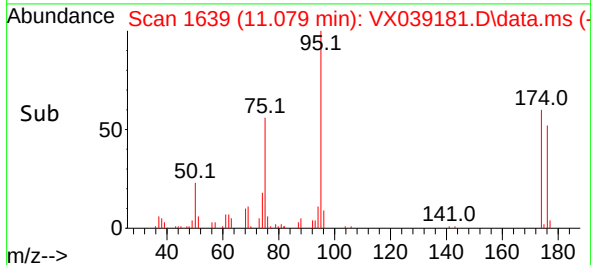
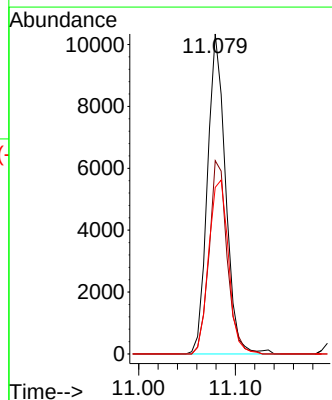
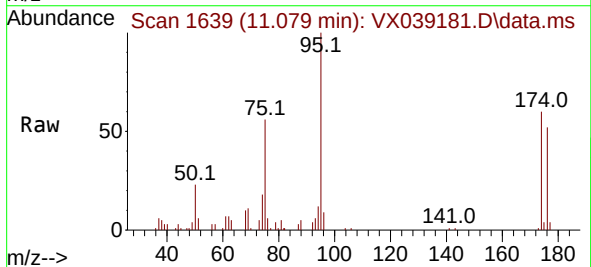
Manual Integrations
APPROVED

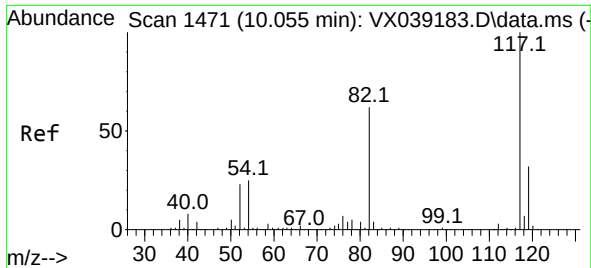
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#62
4-Bromofluorobenzene
Concen: 5.244 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

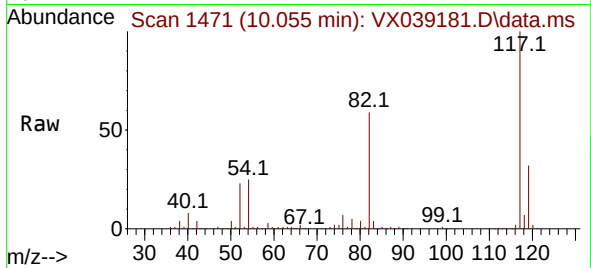
Tgt Ion: 95 Resp: 13480
Ion Ratio Lower Upper
95 100
174 60.5 0.0 135.6
176 59.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

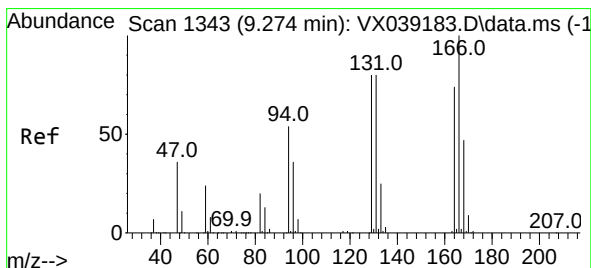
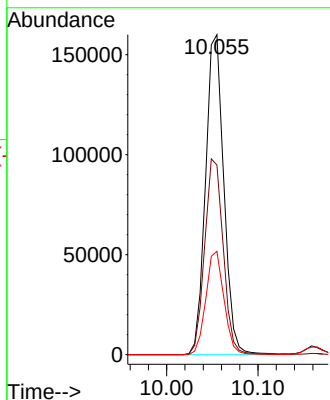
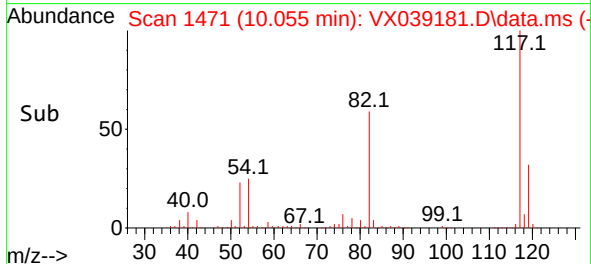
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:117 Resp: 22201
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.4
119 32.3 25.5 38.3

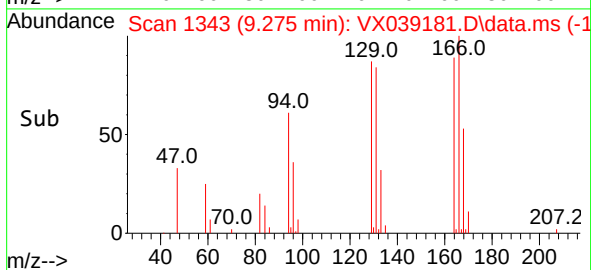
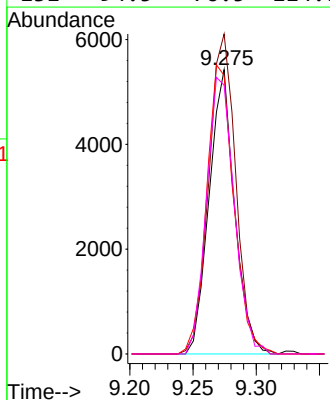
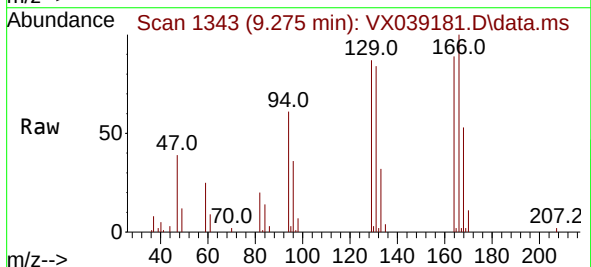
Manual Integrations
APPROVED

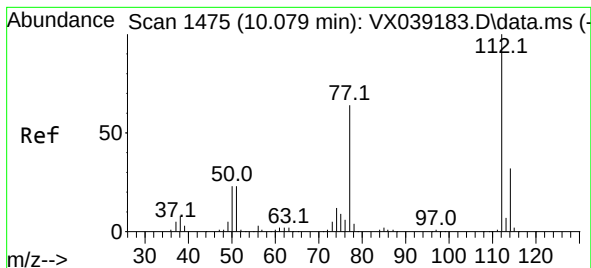
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#64
Tetrachloroethene
Concen: 5.229 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Tgt Ion:164 Resp: 7586
Ion Ratio Lower Upper
164 100
166 112.5 102.7 154.1
129 98.0 80.4 120.6
131 94.5 76.5 114.7





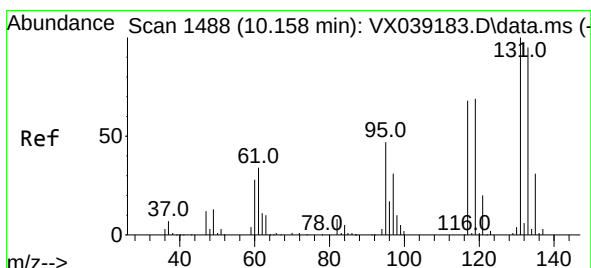
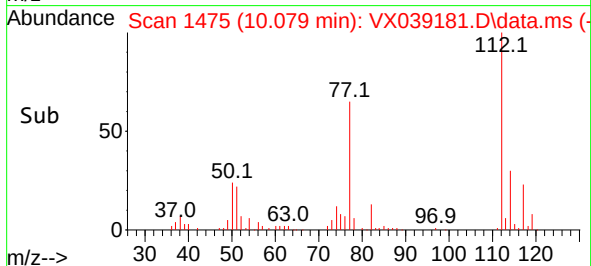
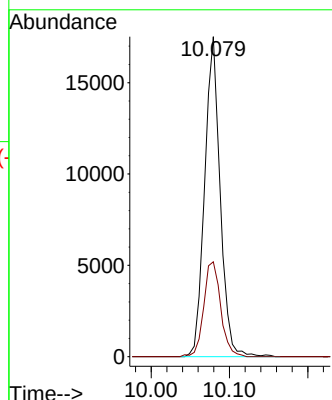
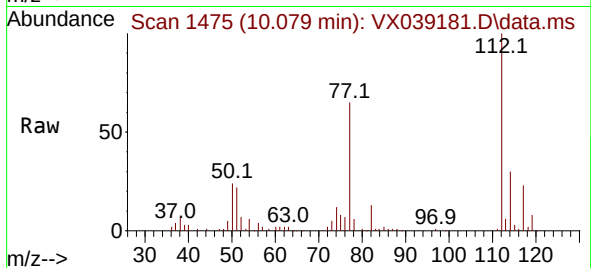
#65
Chlorobenzene
Concen: 4.963 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 2405
Ion Ratio Lower Upper
112 100
114 29.6 25.7 38.5

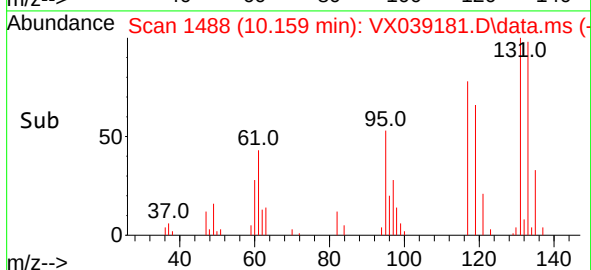
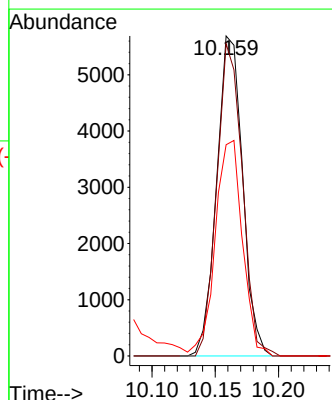
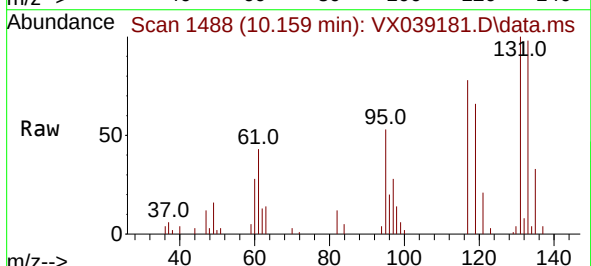
Manual Integrations
APPROVED

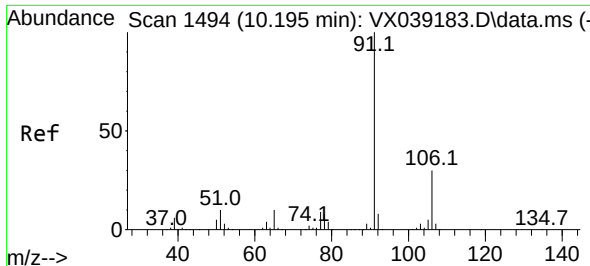
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 4.737 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

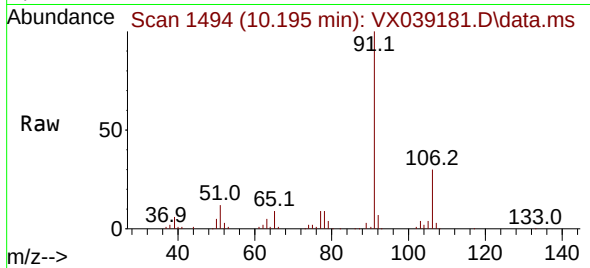
Tgt Ion:131 Resp: 8109
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 70.5 32.2 96.6





#67
Ethyl Benzene
Concen: 4.985 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

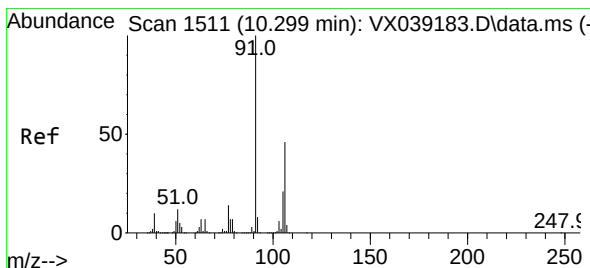
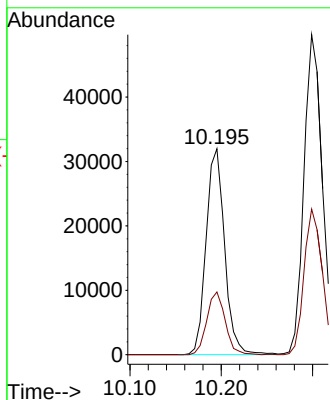
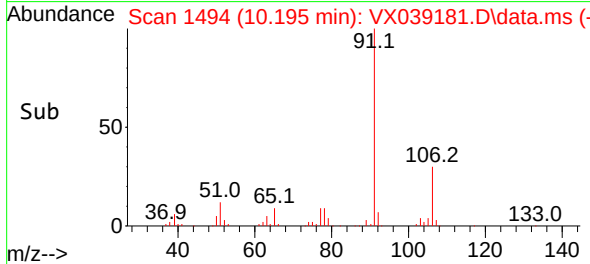
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



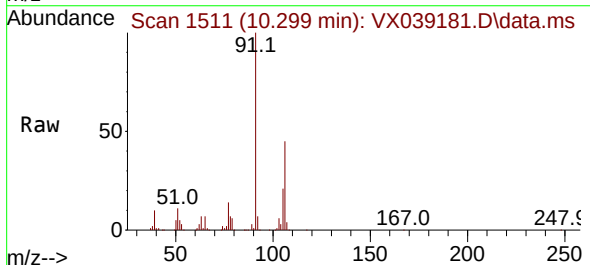
Tgt Ion: 91 Resp: 44969
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3

Manual Integrations
APPROVED

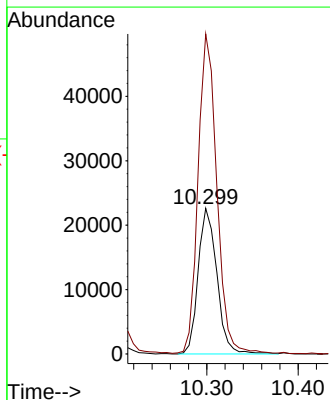
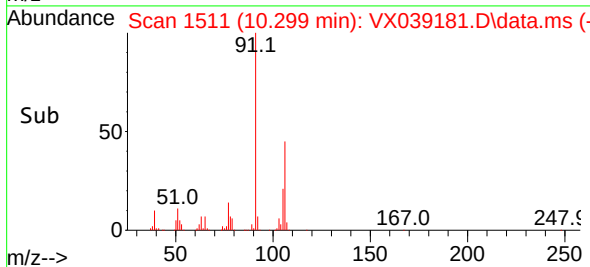
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

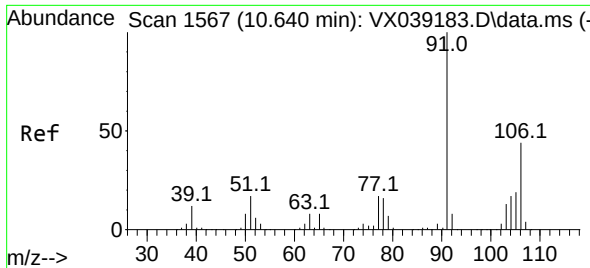


#68
m/p-Xylenes
Concen: 9.966 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35



Tgt Ion:106 Resp: 32231
Ion Ratio Lower Upper
106 100
91 218.2 165.5 248.3





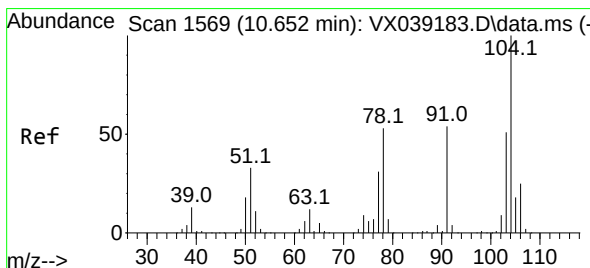
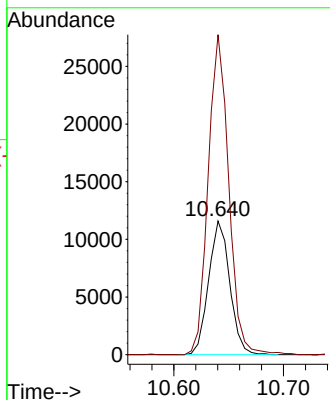
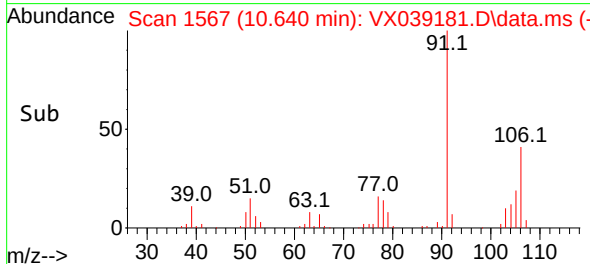
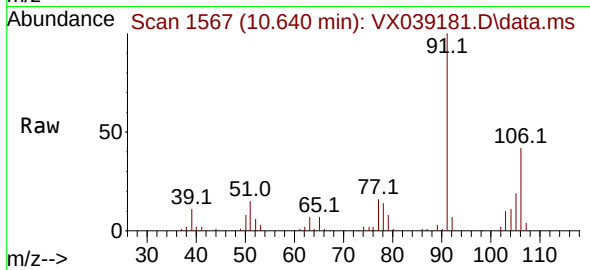
#69
o-Xylene
Concen: 4.972 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 15540
Ion Ratio Lower Upper
106 100
91 233.3 108.9 326.8

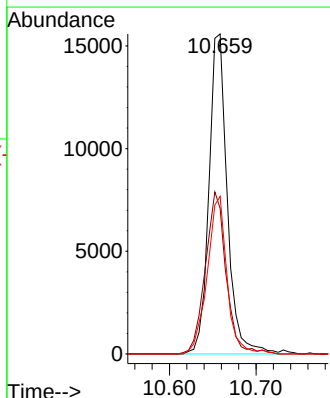
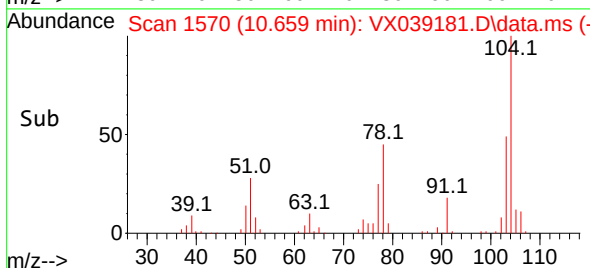
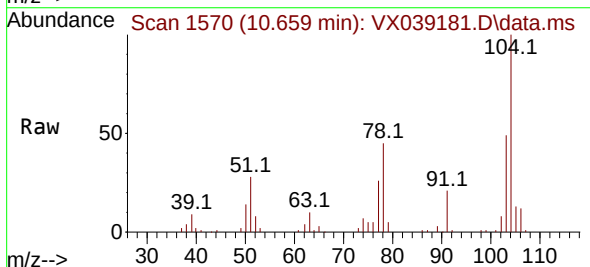
Manual Integrations
APPROVED

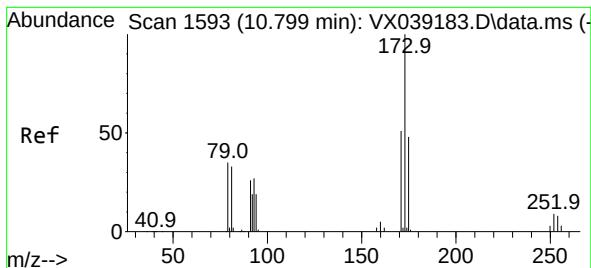
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#70
Styrene
Concen: 5.019 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Tgt Ion:104 Resp: 22946
Ion Ratio Lower Upper
104 100
78 57.3 43.6 65.4
103 53.3 43.6 65.4





#71

Bromoform

Concen: 4.534 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

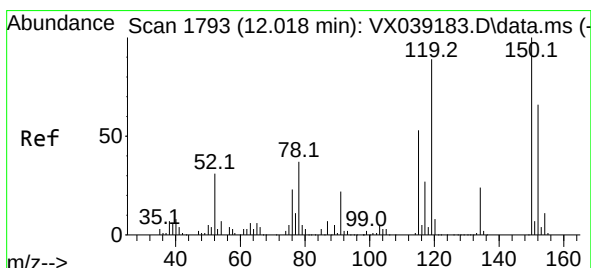
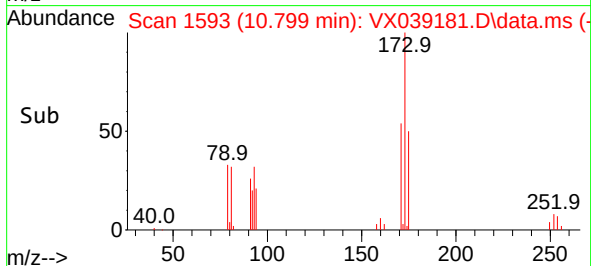
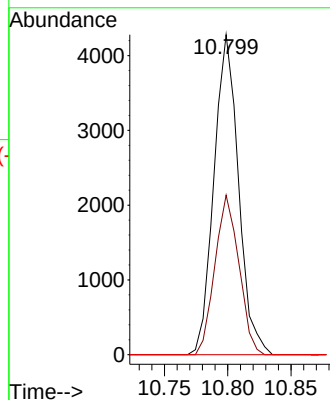
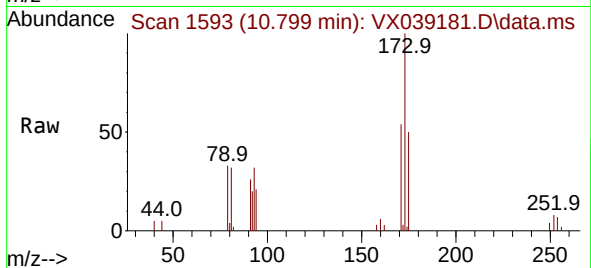
Tgt Ion:173	Resp:	5769
Ion Ratio	Lower	Upper
173	100	
175	48.7	24.1 72.4
254	0.0	0.0 0.0

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

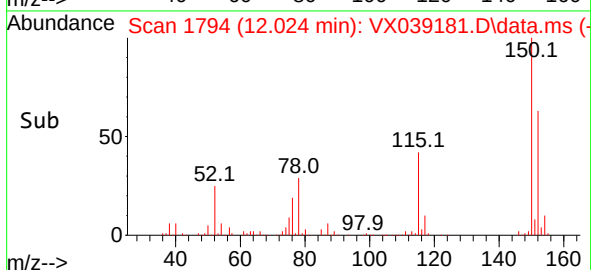
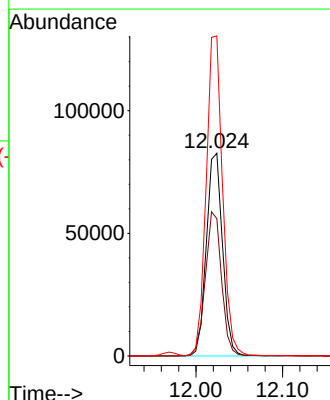
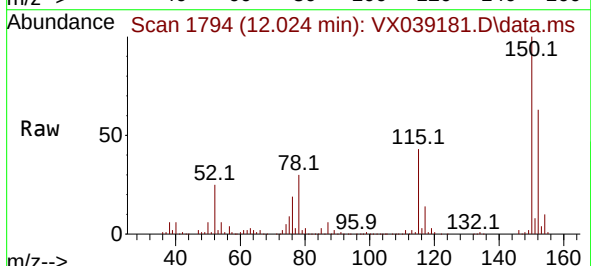
RT: 12.024 min Scan# 1794

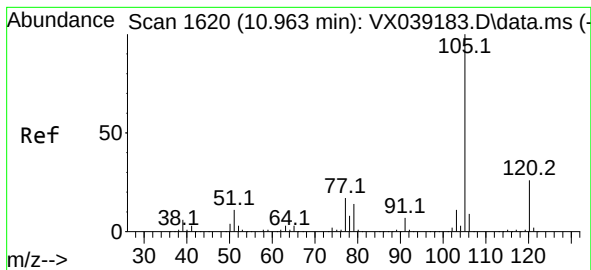
Delta R.T. 0.006 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Tgt Ion:152	Resp:	107364
Ion Ratio	Lower	Upper
152	100	
115	71.3	43.3 129.9
150	159.4	0.0 345.0





#73

Isopropylbenzene

Concen: 4.991 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 4134

Ion Ratio Lower Upper

105 100

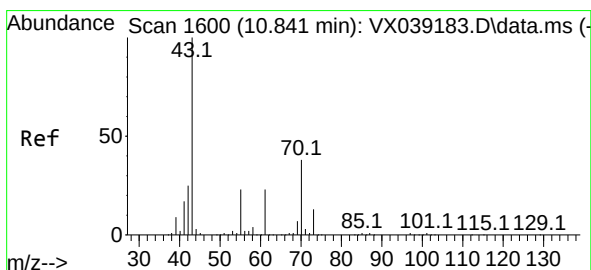
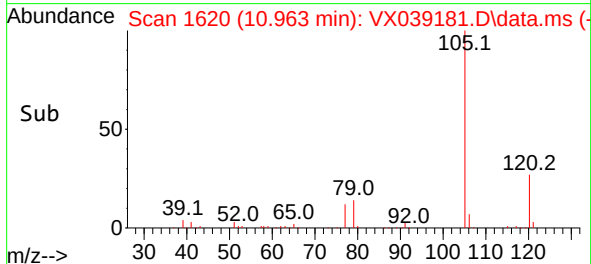
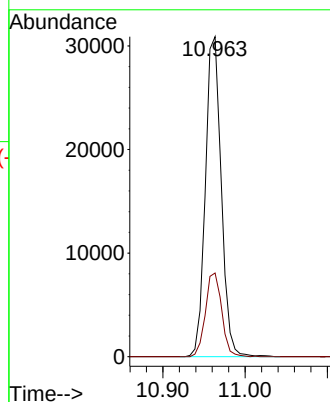
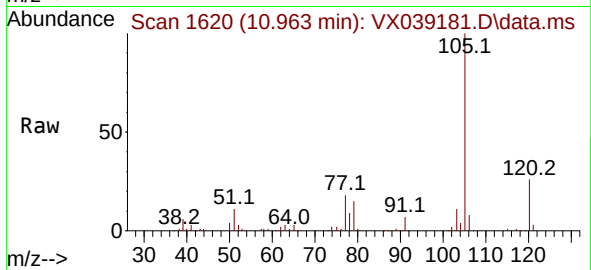
120 26.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#74

N-ethyl acetate

Concen: 4.616 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Tgt Ion: 43 Resp: 19348

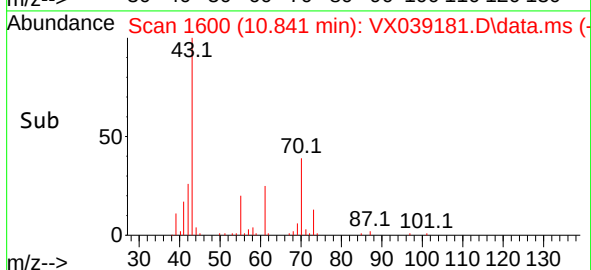
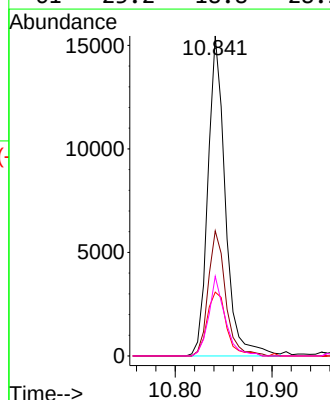
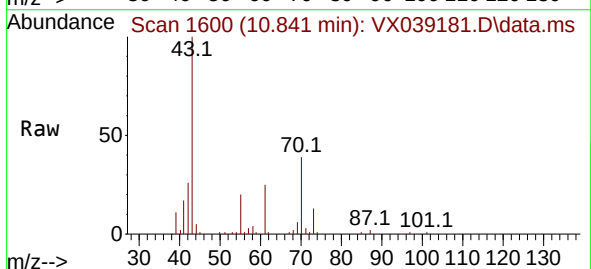
Ion Ratio Lower Upper

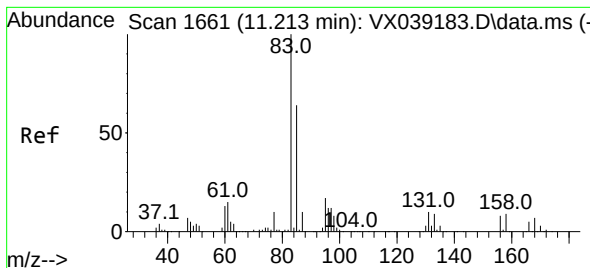
43 100

70 38.9 32.9 49.3

55 22.4 19.3 28.9

61 23.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 5.117 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

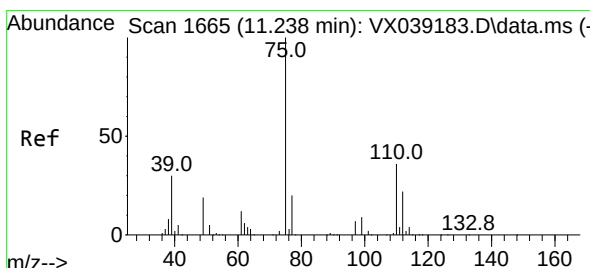
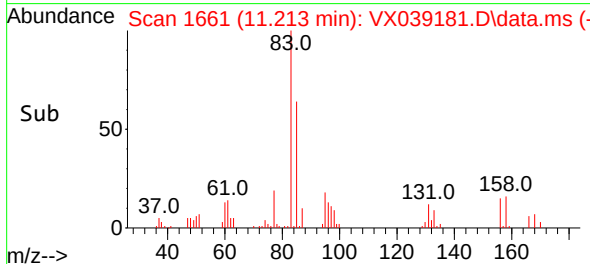
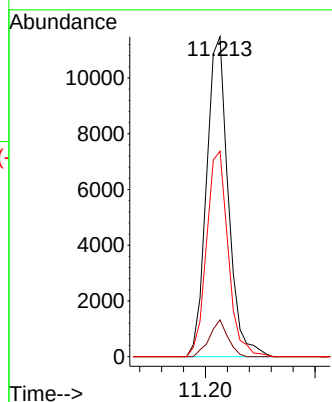
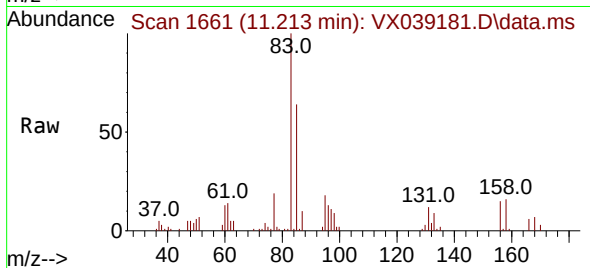
Tgt Ion: 83 Resp: 15768
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.3 15.8
 85 64.0 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#76

1,2,3-Trichloropropane

Concen: 5.033 ug/l m

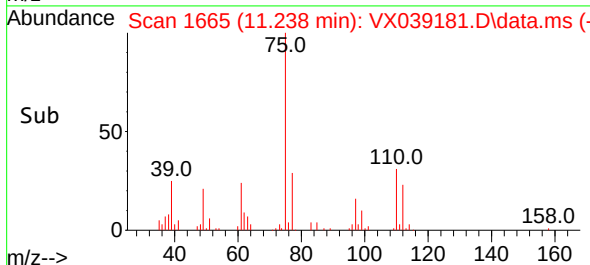
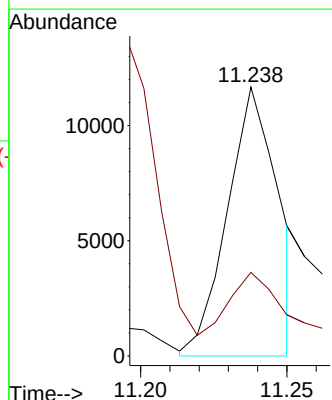
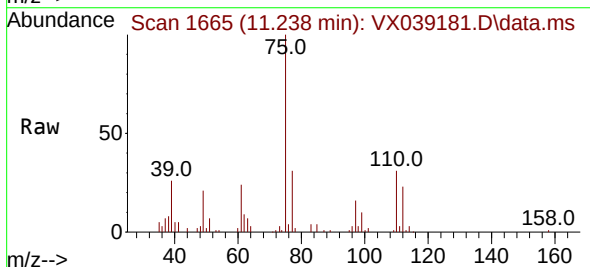
RT: 11.238 min Scan# 1665

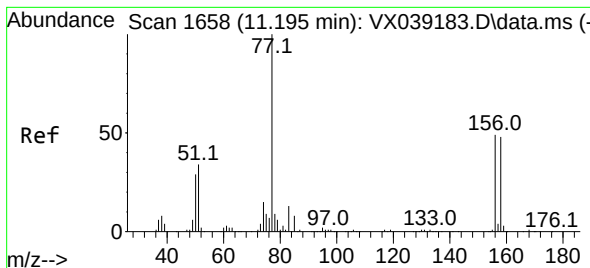
Delta R.T. 0.000 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Tgt Ion: 75 Resp: 13981
 Ion Ratio Lower Upper
 75 100
 77 42.5 19.1 57.5





#77

Bromobenzene

Concen: 5.113 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

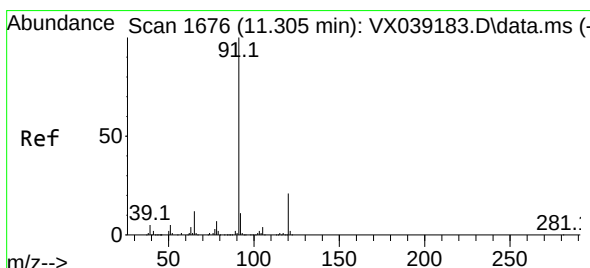
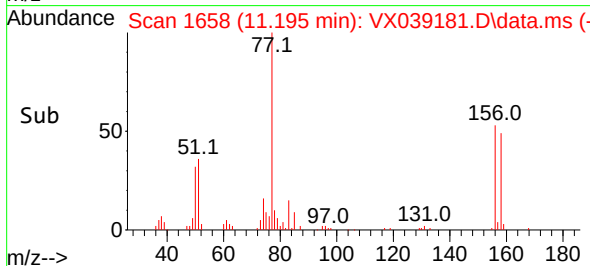
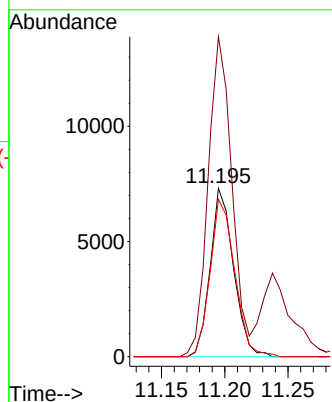
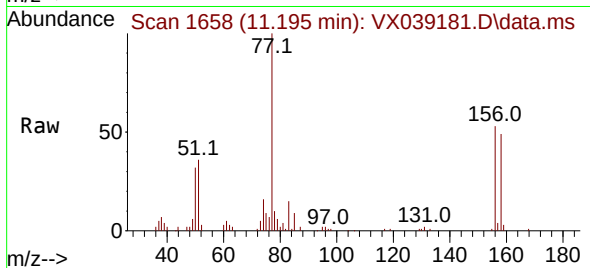
Tgt Ion:	156	Resp:	936
Ion Ratio	Lower	Upper	
156	100		
77	193.5	88.4	265.3
158	98.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#78

n-propylbenzene

Concen: 5.013 ug/l

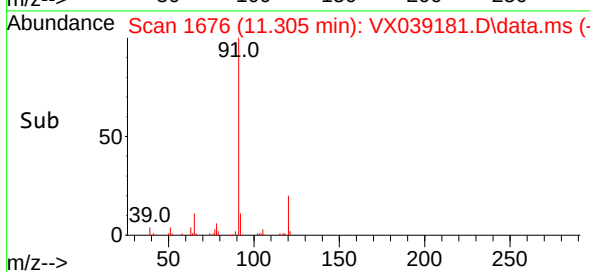
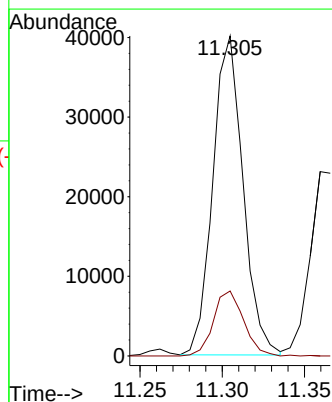
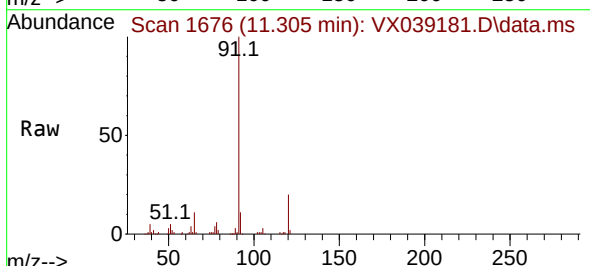
RT: 11.305 min Scan# 1676

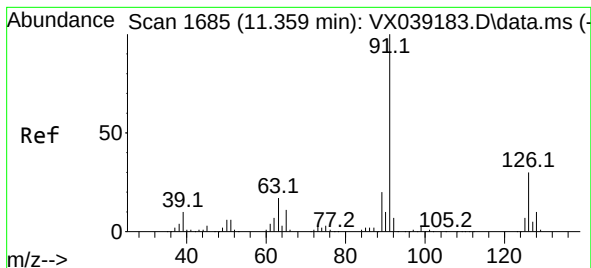
Delta R.T. 0.000 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Tgt Ion:	91	Resp:	51163
Ion Ratio	Lower	Upper	
91	100		
120	20.4	11.5	34.4





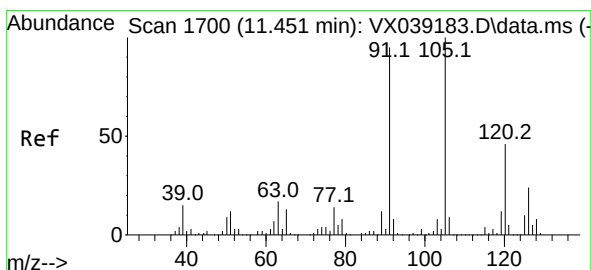
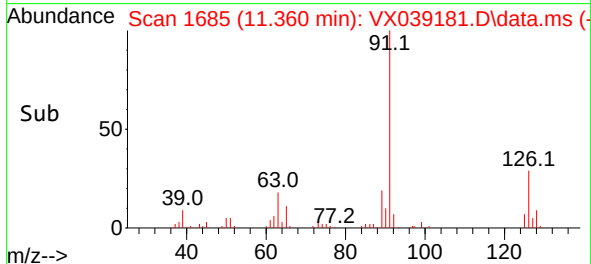
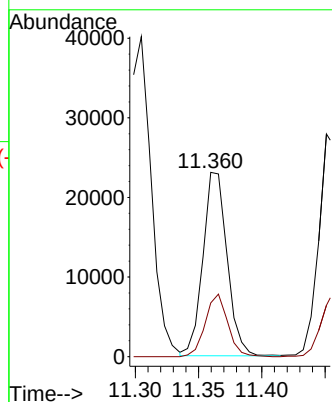
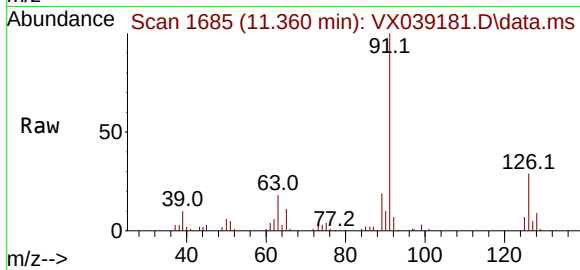
#79
2-Chlorotoluene
Concen: 4.984 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 30768
Ion Ratio Lower Upper
91 100
126 31.7 16.3 48.8

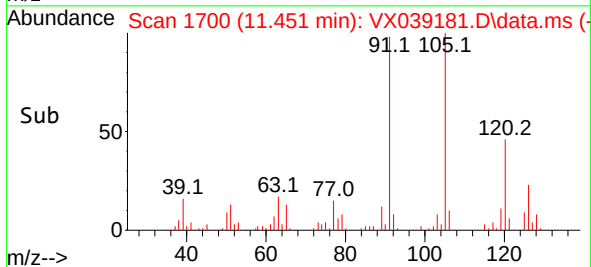
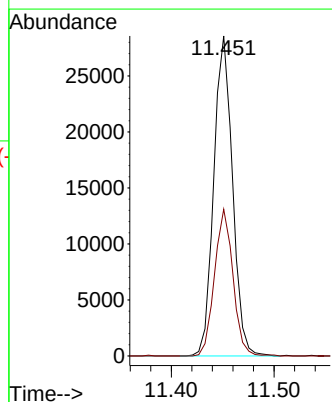
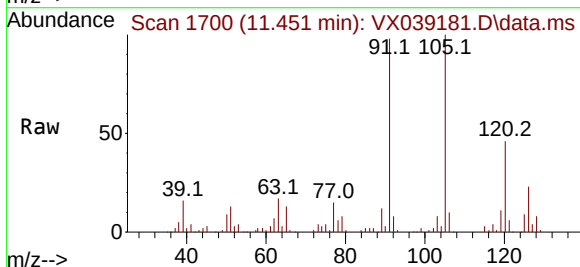
Manual Integrations
APPROVED

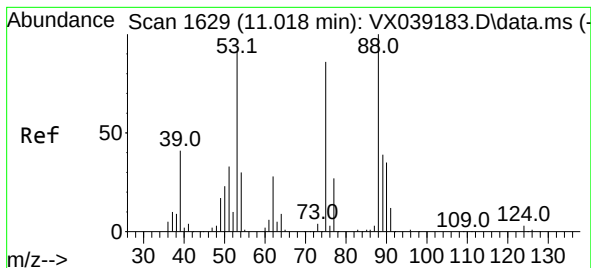
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 5.113 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Tgt Ion:105 Resp: 36080
Ion Ratio Lower Upper
105 100
120 45.2 24.1 72.3





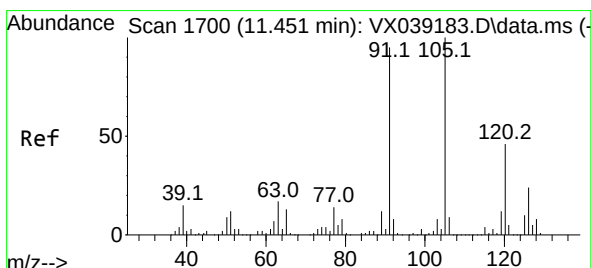
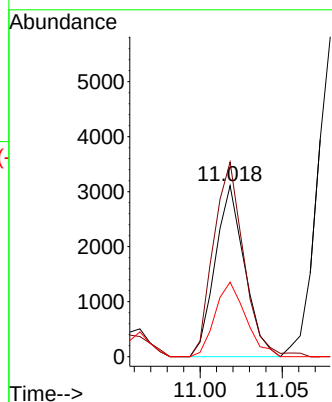
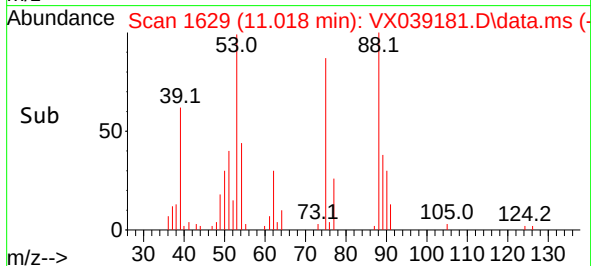
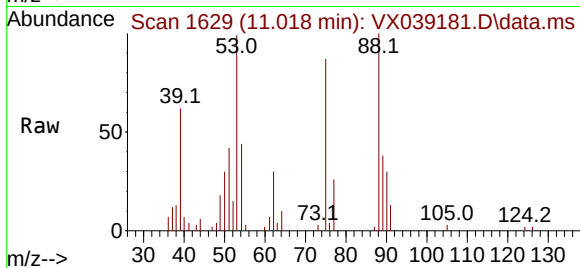
#81
trans-1,4-Dichloro-2-butene
Concen: 3.935 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 387
Ion Ratio Lower Upper
75 100
53 117.2 90.5 135.7
89 45.4 36.9 55.3

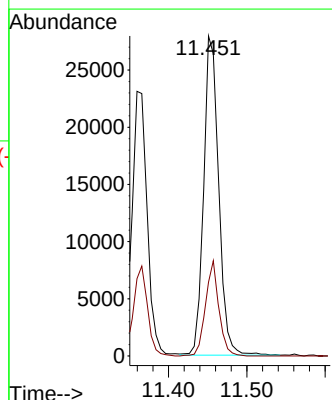
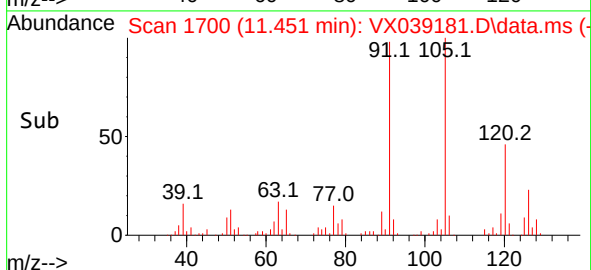
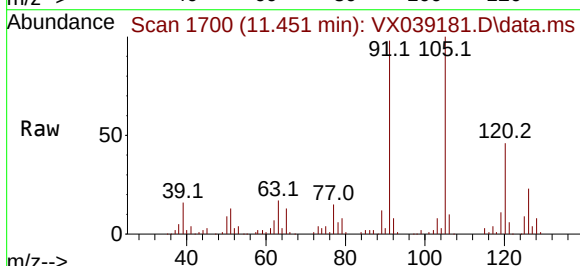
Manual Integrations
APPROVED

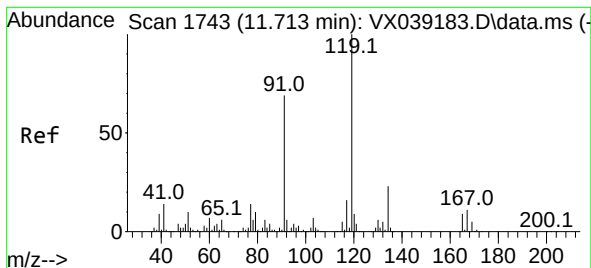
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#82
4-Chlorotoluene
Concen: 5.128 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

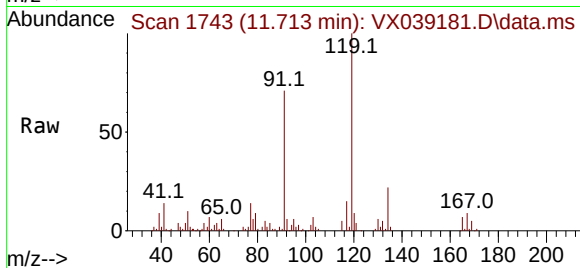
Tgt Ion: 91 Resp: 37183
Ion Ratio Lower Upper
91 100
126 26.5 14.2 42.6





#83
tert-Butylbenzene
Concen: 4.972 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

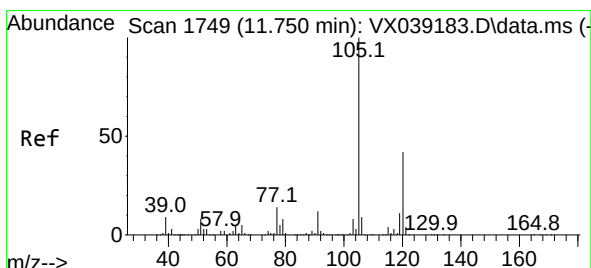
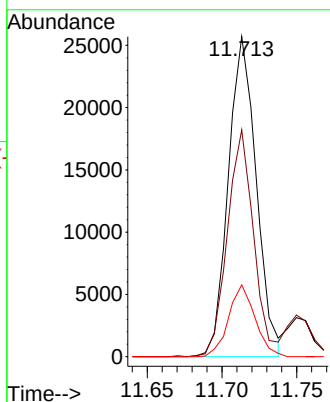
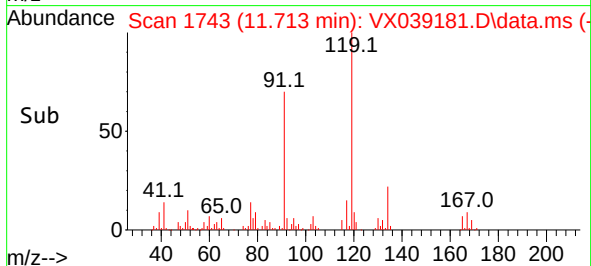
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



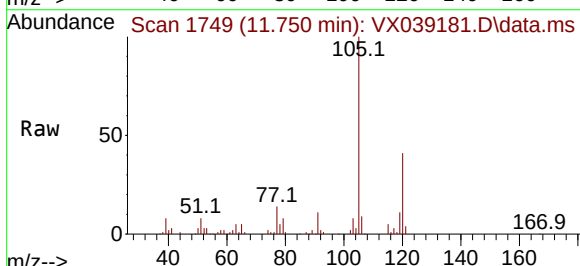
Tgt Ion:119 Resp: 33392
Ion Ratio Lower Upper
119 100
91 66.8 31.2 93.6
134 21.3 11.7 35.0

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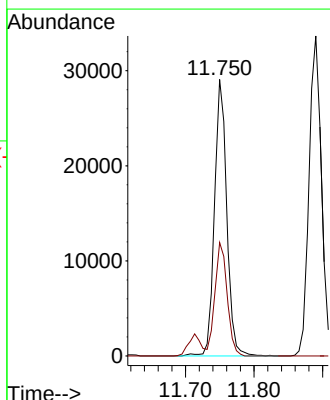
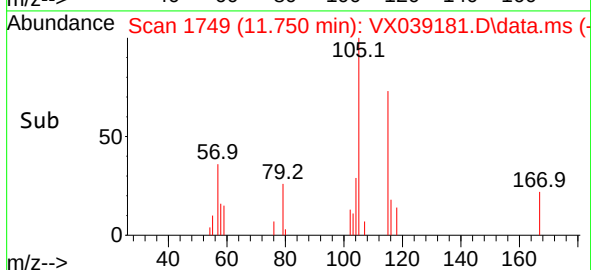
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

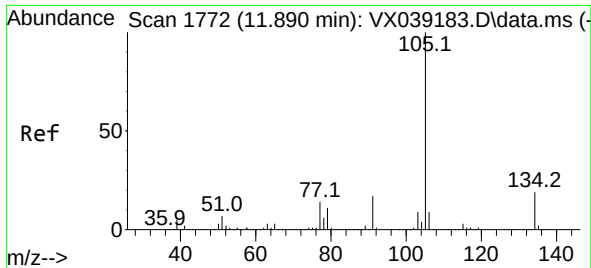


#84
1,2,4-Trimethylbenzene
Concen: 4.992 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35



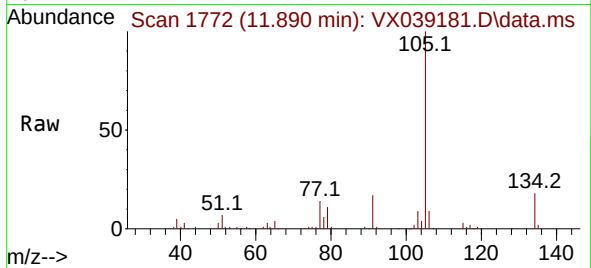
Tgt Ion:105 Resp: 36123
Ion Ratio Lower Upper
105 100
120 40.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 4.950 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039181.D
 Acq: 13 Dec 2023 10:35

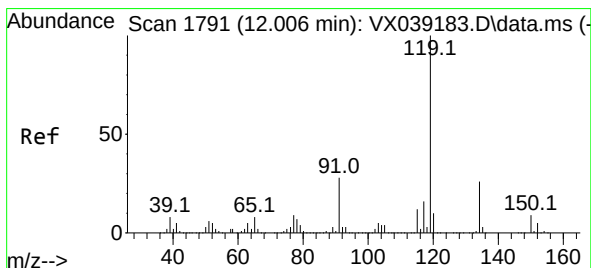
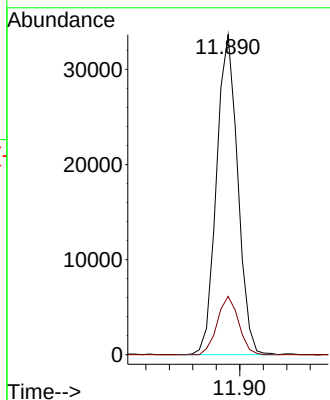
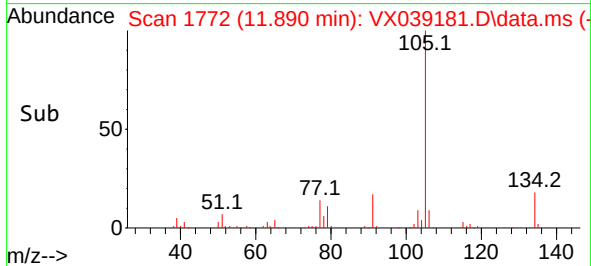
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



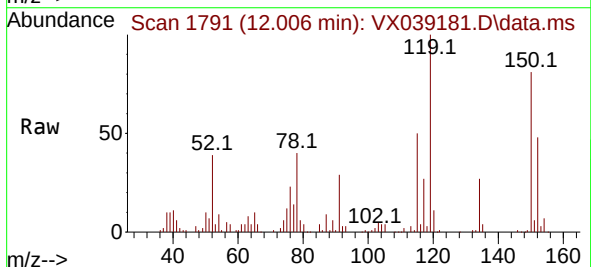
Tgt Ion:105 Resp: 42299
 Ion Ratio Lower Upper
 105 100
 134 18.2 9.8 29.4

Manual Integrations
 APPROVED

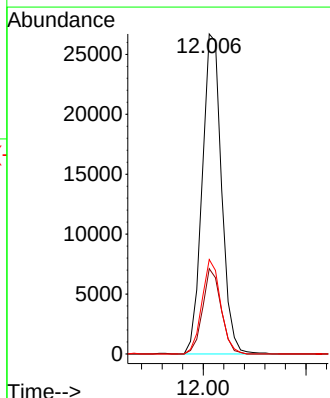
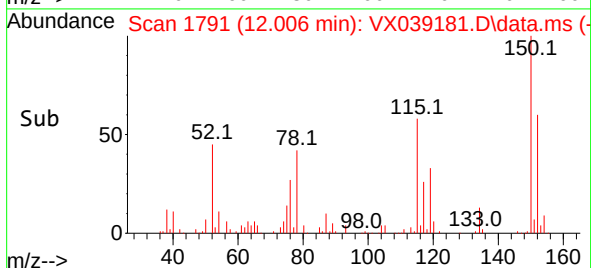
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023

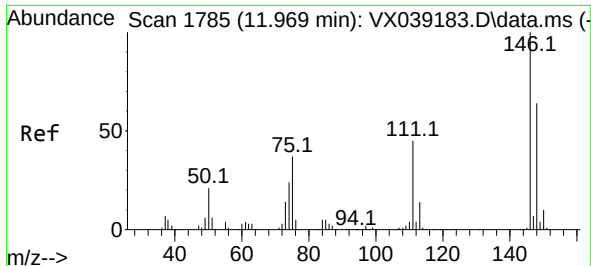


#86
 p-Isopropyltoluene
 Concen: 4.862 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039181.D
 Acq: 13 Dec 2023 10:35



Tgt Ion:119 Resp: 34873
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 28.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 5.031 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 18104

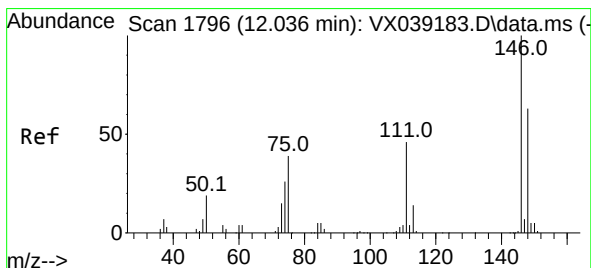
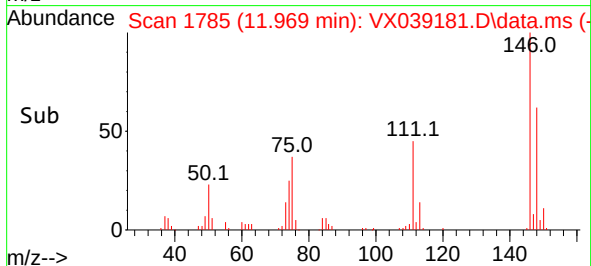
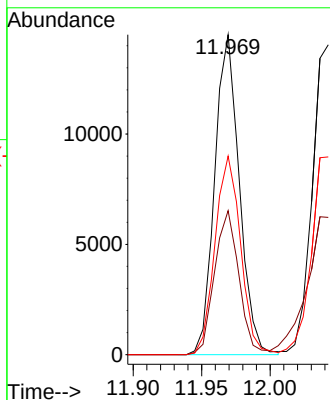
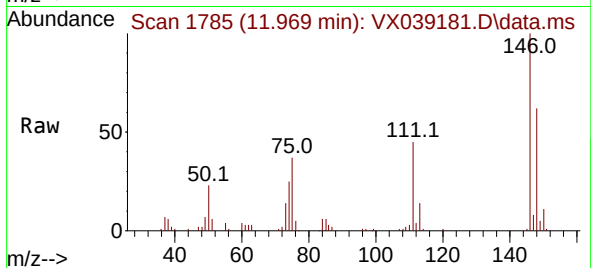
Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.1	66.1
148	64.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#88

1,4-Dichlorobenzene

Concen: 4.963 ug/l

RT: 12.042 min Scan# 1797

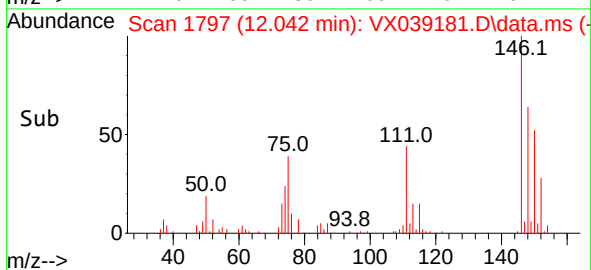
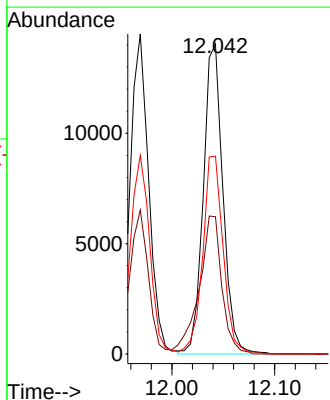
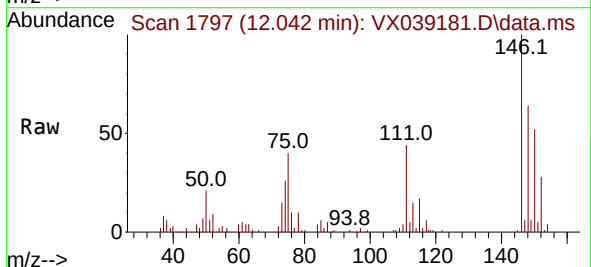
Delta R.T. 0.006 min

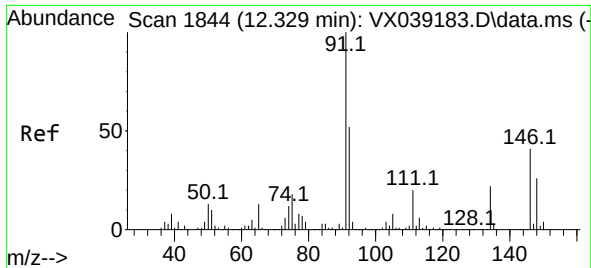
Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Tgt Ion:146 Resp: 18598

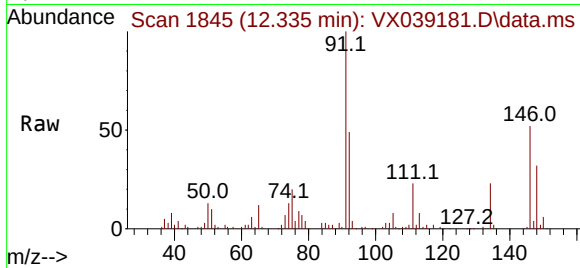
Ion	Ratio	Lower	Upper
146	100		
111	52.2	21.3	63.7
148	66.6	31.8	95.4





#89
n-Butylbenzene
Concen: 4.890 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

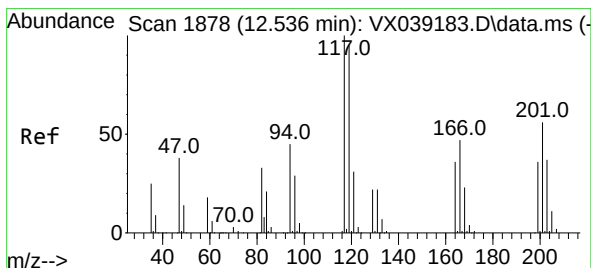
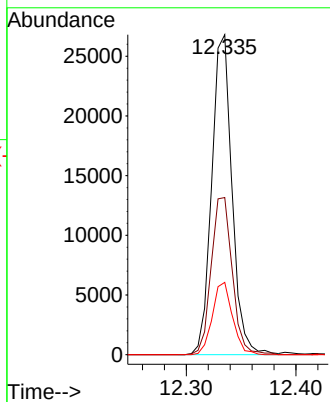
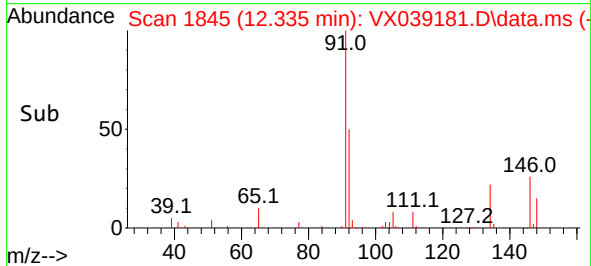
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 91 Resp: 34478
Ion Ratio Lower Upper
91 100
92 51.1 27.4 82.0
134 22.5 12.6 37.8

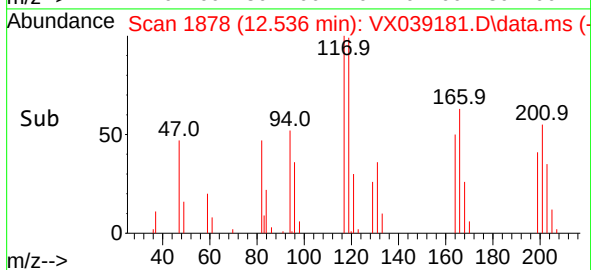
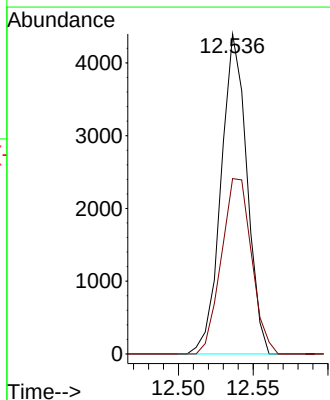
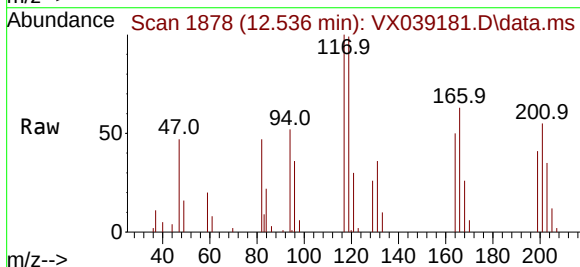
Manual Integrations
APPROVED

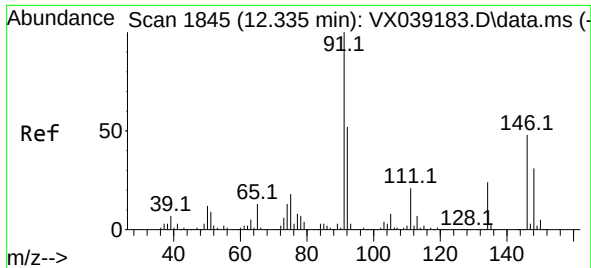
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#90
Hexachloroethane
Concen: 4.079 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

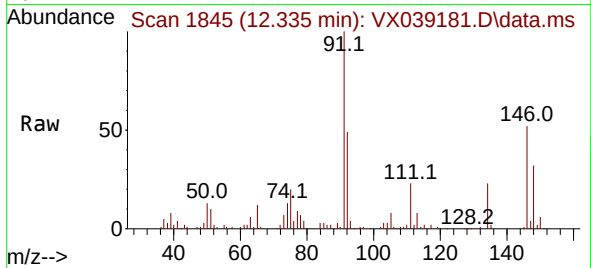
Tgt Ion:117 Resp: 5285
Ion Ratio Lower Upper
117 100
201 64.1 32.9 98.6





#91
 1,2-Dichlorobenzene
 Concen: 5.219 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX039181.D
 Acq: 13 Dec 2023 10:35

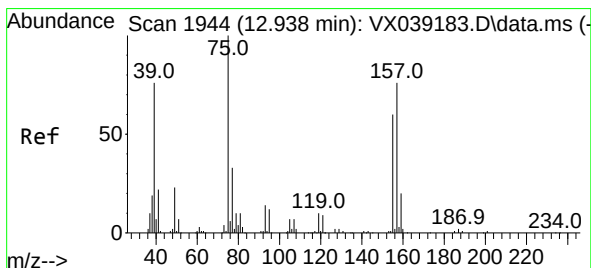
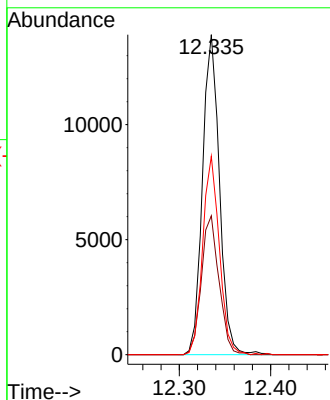
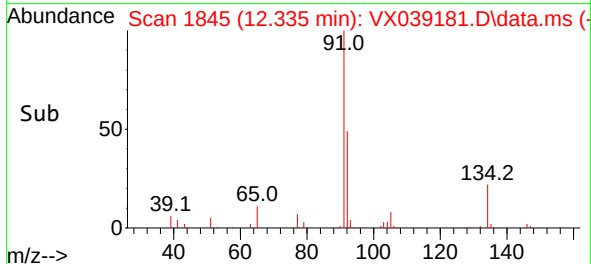
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



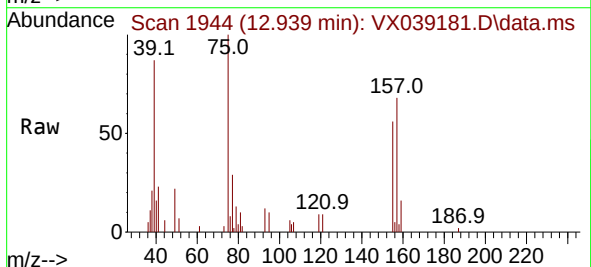
Tgt Ion:146 Resp: 17970
 Ion Ratio Lower Upper
 146 100
 111 45.2 22.4 67.0
 148 60.9 31.6 95.0

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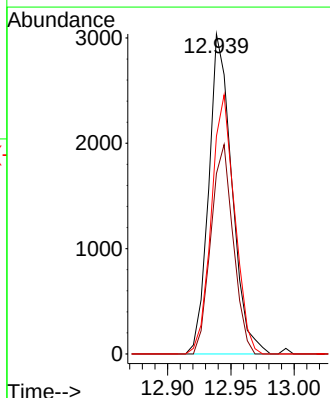
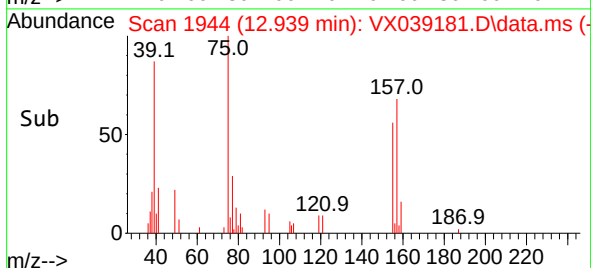
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023

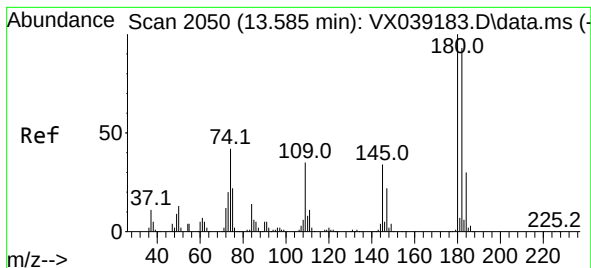


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.778 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX039181.D
 Acq: 13 Dec 2023 10:35



Tgt Ion: 75 Resp: 3878
 Ion Ratio Lower Upper
 75 100
 155 62.8 36.1 108.5
 157 81.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 4.780 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

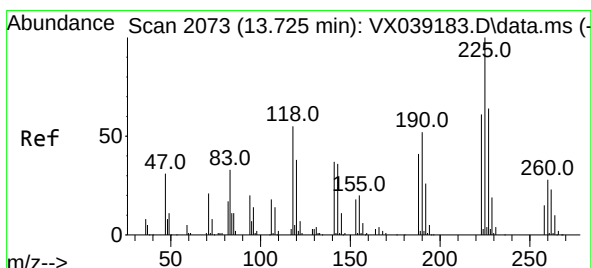
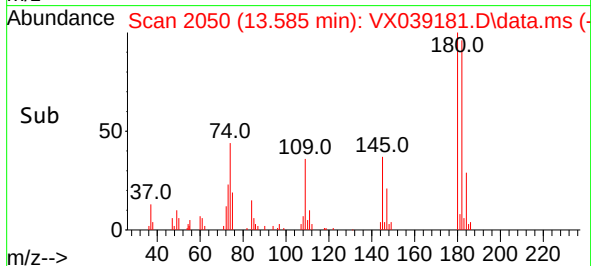
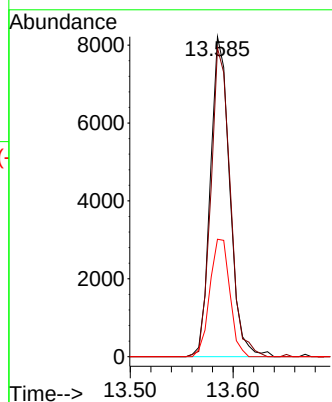
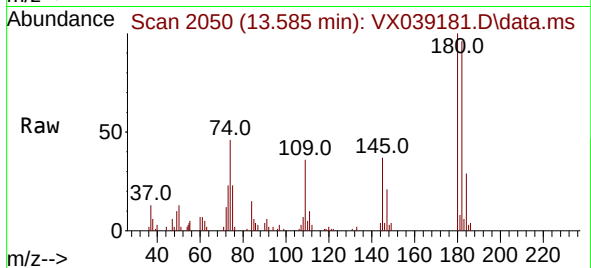
Tgt Ion:180	Resp:	10778
Ion Ratio	Lower	Upper
180	100	
182	96.4	48.3 144.8
145	37.8	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#94

Hexachlorobutadiene

Concen: 5.161 ug/l

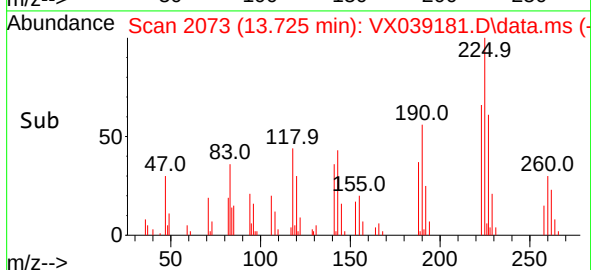
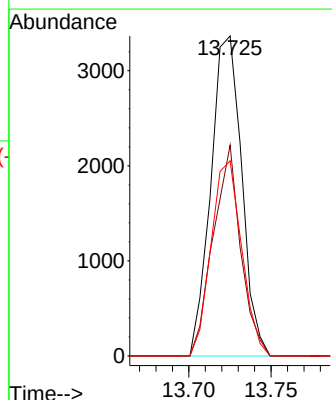
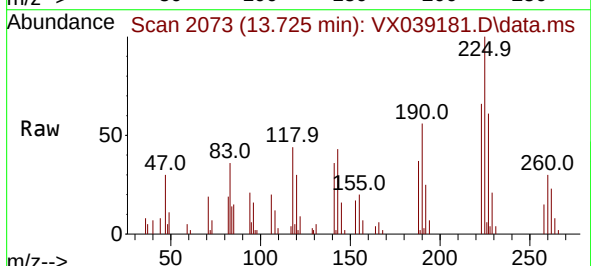
RT: 13.725 min Scan# 2073

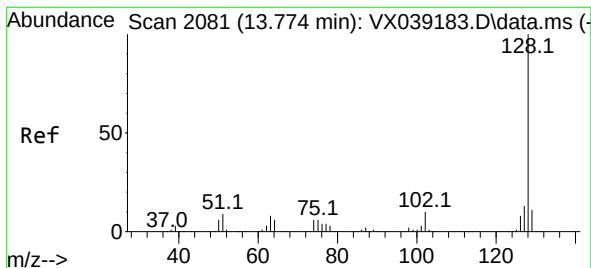
Delta R.T. 0.000 min

Lab File: VX039181.D

Acq: 13 Dec 2023 10:35

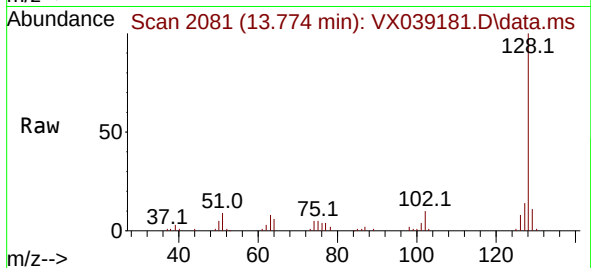
Tgt Ion:225	Resp:	4385
Ion Ratio	Lower	Upper
225	100	
223	58.8	31.1 93.2
227	60.5	32.5 97.5





#95
Naphthalene
Concen: 4.800 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35

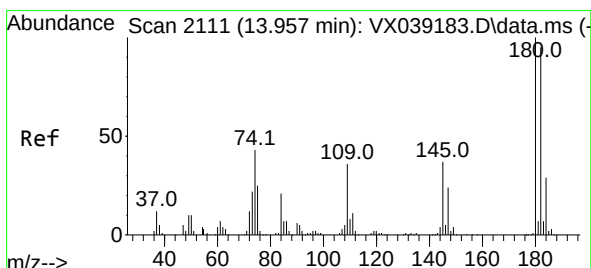
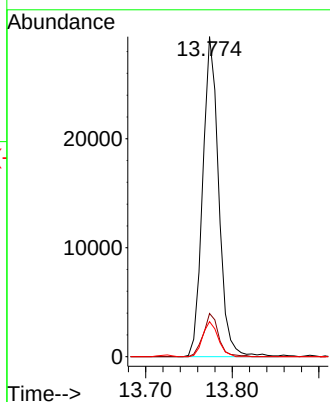
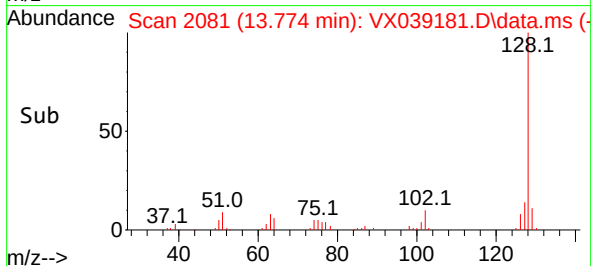
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



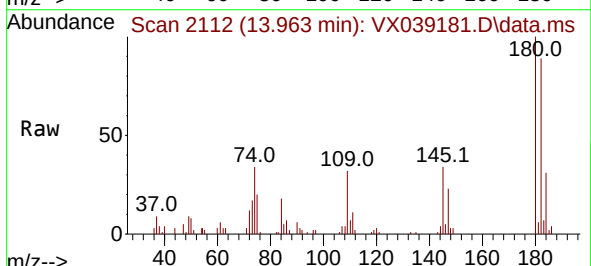
Tgt Ion:128 Resp: 37692
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.6 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 5.002 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039181.D
Acq: 13 Dec 2023 10:35



Tgt Ion:180 Resp: 10887
Ion Ratio Lower Upper
180 100
182 91.1 46.9 140.6
145 35.9 17.8 53.5

