

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
 Data File : VX038094.D
 Acq On : 05 Oct 2023 11:31
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 05 15:07:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 12:40:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/05/2023
 Supervised By : Mahesh Dadoda 10/06/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	157710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	268648	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	242672	95.666	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 191.340%#			
35) Dibromofluoromethane	5.385	113	191970	99.169	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 198.340%#			
50) Toluene-d8	8.653	98	736974	99.630	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 199.260%#			
62) 4-Bromofluorobenzene	11.079	95	288878	103.012	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 206.020%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	149916	98.480	ug/l	99
3) Chloromethane	1.307	50	143240	92.320	ug/l	98
4) Vinyl Chloride	1.374	62	164607	95.686	ug/l	100
5) Bromomethane	1.599	94	229343	102.402	ug/l	99
6) Chloroethane	1.673	64	133557	96.148	ug/l	97
7) Trichlorofluoromethane	1.880	101	331541	97.572	ug/l	99
8) Diethyl Ether	2.136	74	123043	97.094	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.325	101	142229	95.882	ug/l	100
10) Methyl Iodide	2.453	142	213213	99.897	ug/l	95
11) Tert butyl alcohol	2.977	59	276012	504.193	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	141792	98.267	ug/l	88
13) Acrolein	2.240	56	183179	507.964	ug/l	99
14) Allyl chloride	2.660	41	258662	100.222	ug/l	95
15) Acrylonitrile	3.063	53	567837	491.896	ug/l	99
16) Acetone	2.380	43	501033	473.264	ug/l	93
17) Carbon Disulfide	2.508	76	405773	97.571	ug/l	99
18) Methyl Acetate	2.703	43	446386	98.323	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	576816	100.373	ug/l	98
20) Methylene Chloride	2.788	84	182408	91.600	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	175304	98.124	ug/l	91
22) Diisopropyl ether	3.764	45	533184	98.571	ug/l #	85
23) Vinyl Acetate	3.721	43	1993825	502.632	ug/l	96
24) 1,1-Dichloroethane	3.611	63	320109	97.514	ug/l	99
25) 2-Butanone	4.556	43	822411	481.464	ug/l	93
26) 2,2-Dichloropropane	4.477	77	262977	102.607	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	208289	97.893	ug/l	93
28) Bromochloromethane	4.898	49	148948	100.512	ug/l	89
29) Tetrahydrofuran	5.001	42	533326	479.562	ug/l	88
30) Chloroform	5.093	83	358284	99.809	ug/l	98
31) Cyclohexane	5.471	56	263025	95.705	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	315109	102.485	ug/l	98
36) 1,1-Dichloropropene	5.690	75	256186	95.971	ug/l	98
37) Ethyl Acetate	4.715	43	316414	99.806	ug/l	98
38) Carbon Tetrachloride	5.678	117	266981	101.668	ug/l	99
39) Methylcyclohexane	7.379	83	304239	97.303	ug/l	94
40) Benzene	6.038	78	746648	100.004	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	156928	99.504	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	292051	97.905	ug/l	99
43) Isopropyl Acetate	6.342	43	492639	104.092	ug/l	97
44) Trichloroethene	7.123	130	197503	101.139	ug/l	97
45) 1,2-Dichloropropane	7.434	63	189396	98.012	ug/l	97
46) Dibromomethane	7.580	93	150639	100.510	ug/l	98
47) Bromodichloromethane	7.824	83	279800	104.944	ug/l	96
48) Methyl methacrylate	7.696	41	232507	102.910	ug/l #	86
49) 1,4-Dioxane	7.659	88	114678	2059.792	ug/l #	87
51) 4-Methyl-2-Pentanone	8.580	43	1653528	506.529	ug/l	95
52) Toluene	8.720	92	499131	102.627	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	323572	113.062	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	323231	107.499	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	211870	101.847	ug/l	96
56) Ethyl methacrylate	9.116	69	343016	107.545	ug/l	93
57) 1,3-Dichloropropane	9.311	76	341554	101.515	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	806022	514.832	ug/l	99
59) 2-Hexanone	9.433	43	1337796	509.762	ug/l	94
60) Dibromochloromethane	9.525	129	230155	113.044	ug/l	100
61) 1,2-Dibromoethane	9.610	107	239589	106.503	ug/l	99
64) Tetrachloroethene	9.275	164	169080	97.501	ug/l	98
65) Chlorobenzene	10.080	112	546418	97.481	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	202578	106.874	ug/l	98
67) Ethyl Benzene	10.195	91	999205	99.865	ug/l	100
68) m/p-Xylenes	10.305	106	786549	203.306	ug/l	98
69) o-Xylene	10.640	106	383984	101.693	ug/l	99
70) Styrene	10.653	104	656112	106.699	ug/l	97
71) Bromoform	10.799	173	176342	97.406	ug/l #	99
73) Isopropylbenzene	10.964	105	1013200	99.876	ug/l	99
74) N-amyl acetate	10.842	43	450853	104.072	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	362075	97.267	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	295593m	85.955	ug/l	
77) Bromobenzene	11.195	156	242234	97.804	ug/l	93
78) n-propylbenzene	11.305	91	1213045	97.792	ug/l	100
79) 2-Chlorotoluene	11.366	91	713843	97.037	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	889257	101.604	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	119250	97.118	ug/l	89
82) 4-Chlorotoluene	11.457	91	858617	98.635	ug/l	97
83) tert-Butylbenzene	11.713	119	881845	103.116	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	883778	101.277	ug/l	98
85) sec-Butylbenzene	11.890	105	1106576	99.889	ug/l	99
86) p-Isopropyltoluene	12.012	119	928060	101.538	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	475806	95.646	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	487095	95.909	ug/l	98
89) n-Butylbenzene	12.335	91	920371	101.110	ug/l	97
90) Hexachloroethane	12.536	117	165970	109.520	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	460327	96.267	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	92942	103.266	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	309241	96.421	ug/l	97
94) Hexachlorobutadiene	13.725	225	121945	94.469	ug/l	97
95) Naphthalene	13.774	128	1091851	97.758	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	306869	98.817	ug/l	99

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ClientSampleId :
VSTDICC100

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

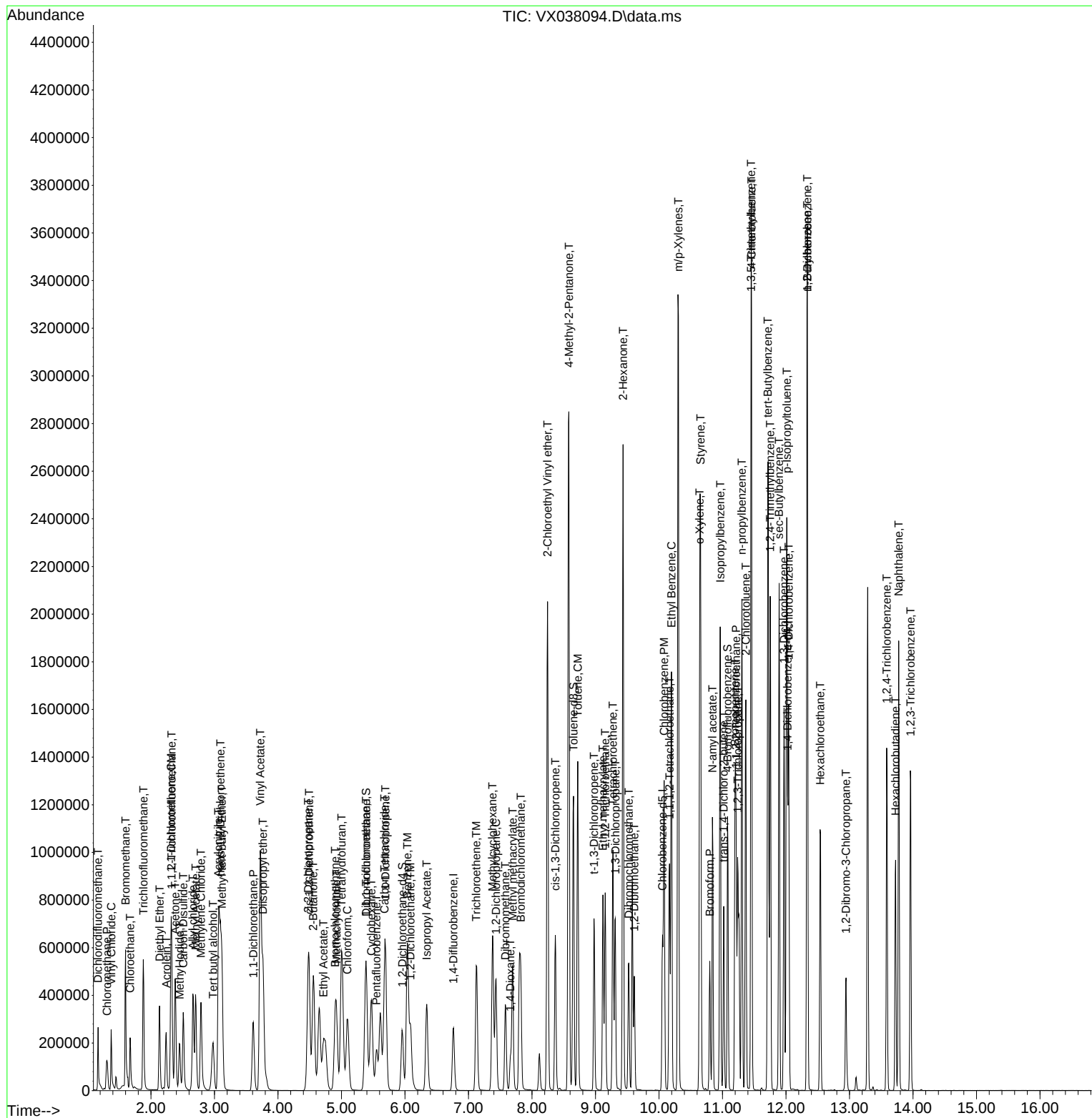
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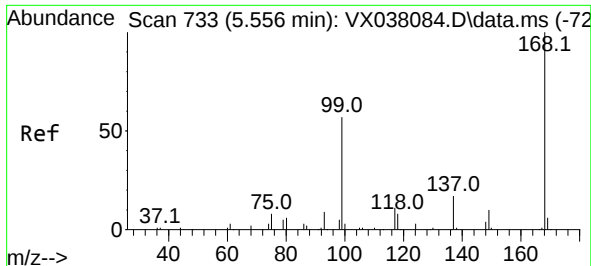
Instrument :
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 VSTDIC100

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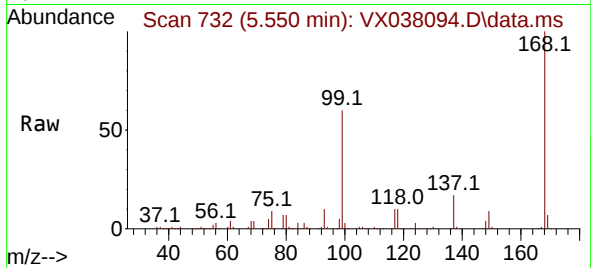
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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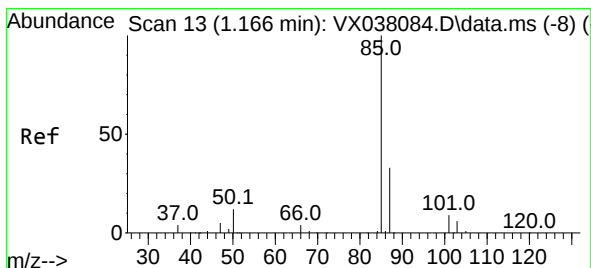
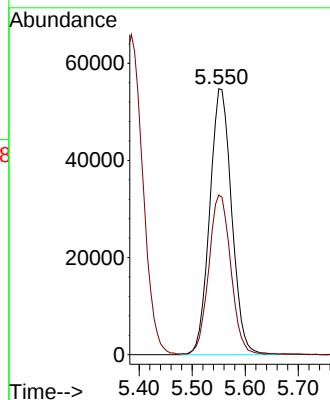
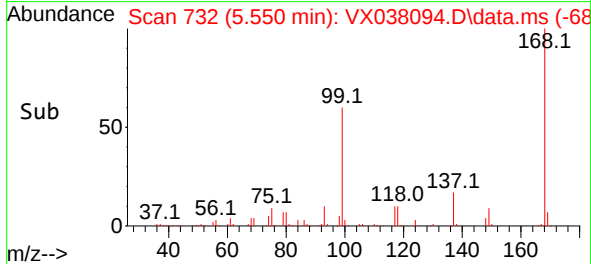
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:168 Resp: 157710
Ion Ratio Lower Upper
168 100
99 59.8 56.6 85.0

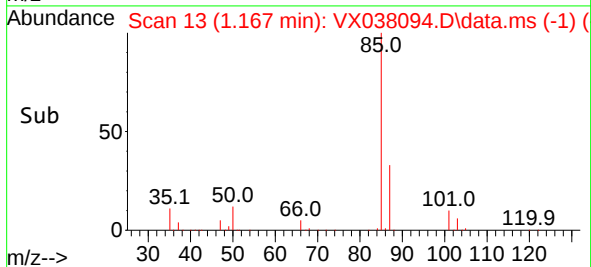
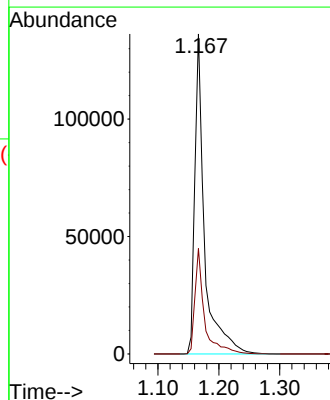
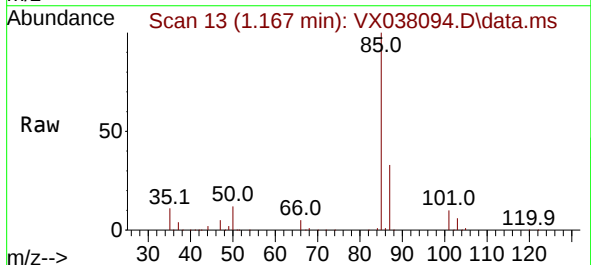
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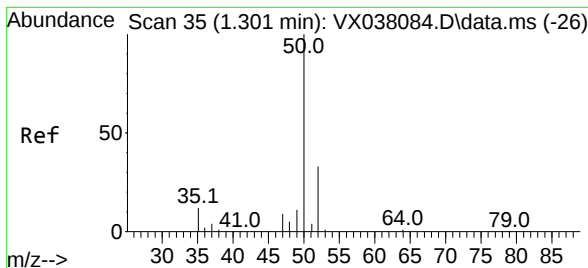
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#2
Dichlorodifluoromethane
Concen: 98.480 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Tgt Ion: 85 Resp: 149916
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.1





#3

Chloromethane

Concen: 92.320 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.006 min

Lab File: VX038094.D

Acq: 05 Oct 2023 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 50 Resp: 143240

Ion Ratio Lower Upper

50 100

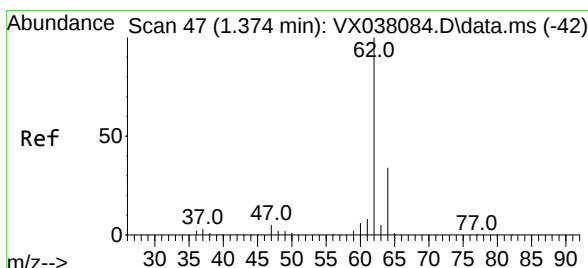
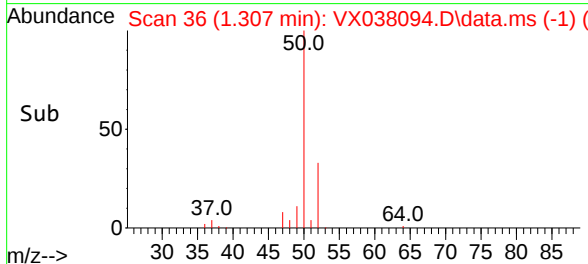
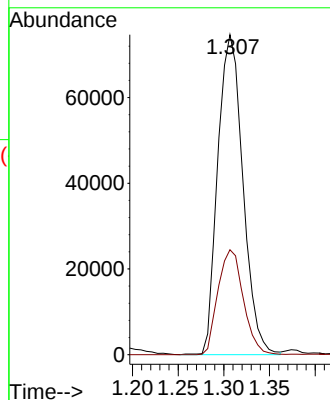
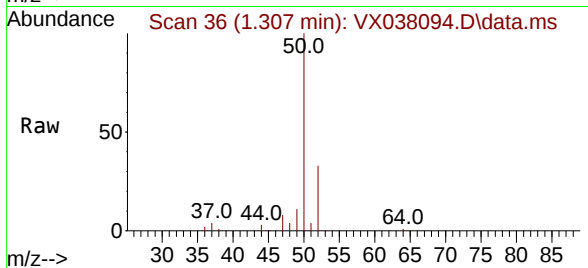
52 32.8 25.5 38.3

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 95.686 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX038094.D

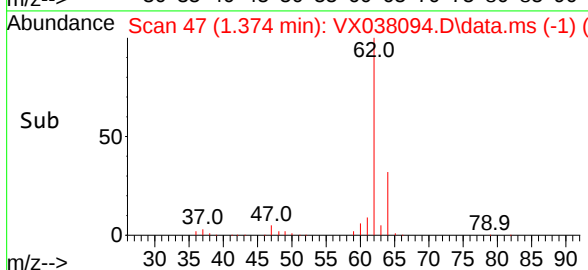
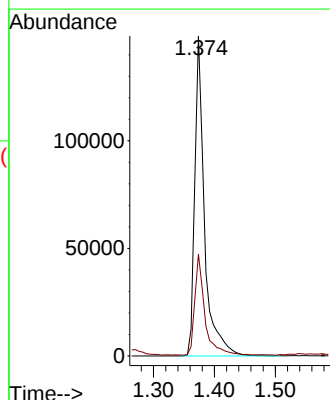
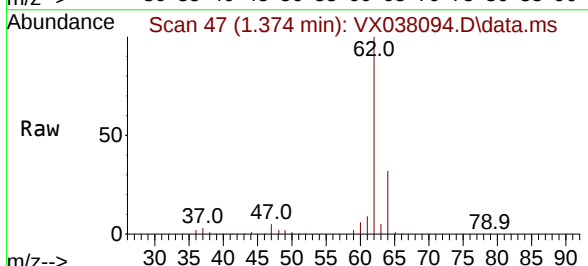
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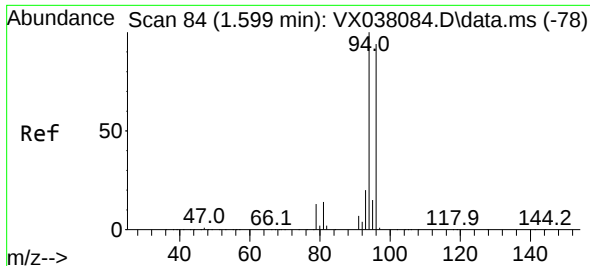
Tgt Ion: 62 Resp: 164607

Ion Ratio Lower Upper

62 100

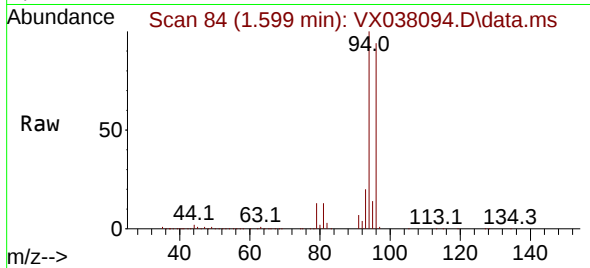
64 31.5 25.4 38.0





#5
Bromomethane
Concen: 102.402 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038094.D
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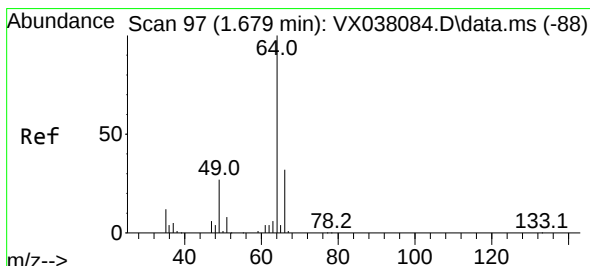
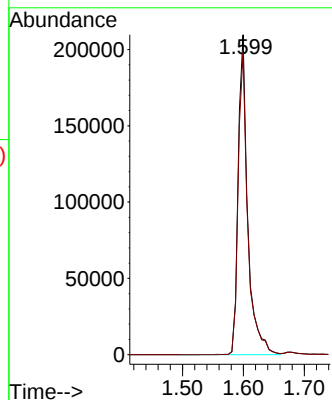
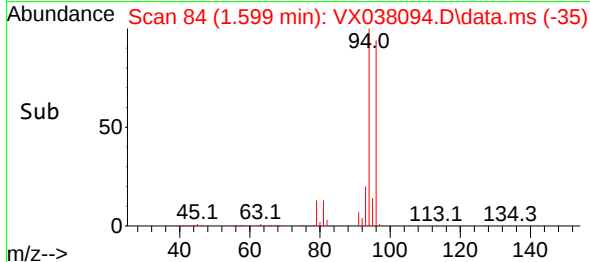
Instrument :
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Tgt Ion: 94 Resp: 22934
Ion Ratio Lower Upper
94 100
96 94.3 74.6 111.8

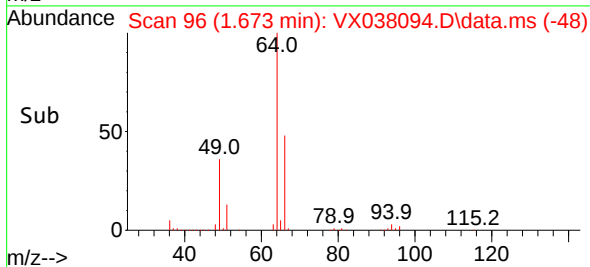
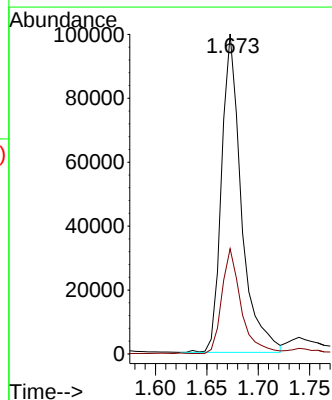
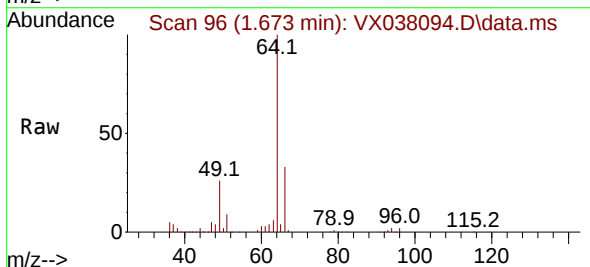
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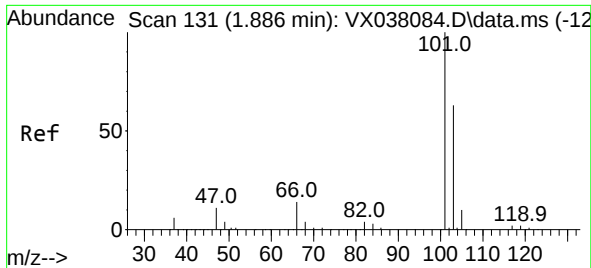
Reviewed By :John Carlone 10/05/2023
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#6
Chloroethane
Concen: 96.148 ug/l
RT: 1.673 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

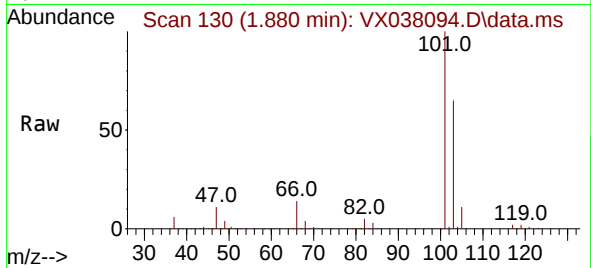
Tgt Ion: 64 Resp: 133557
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 97.572 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX038094.D
 Acq: 05 Oct 2023 11:31

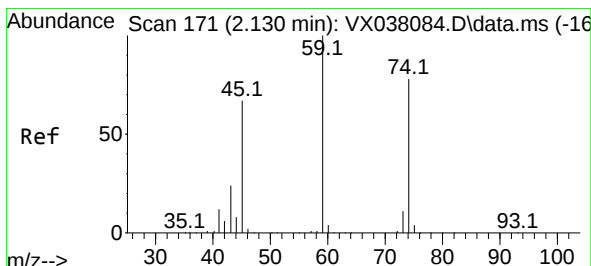
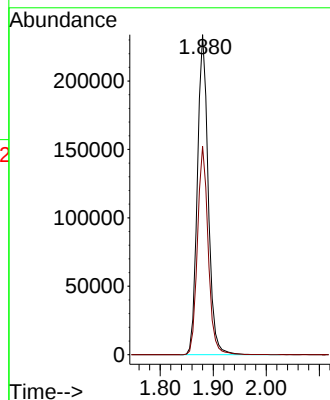
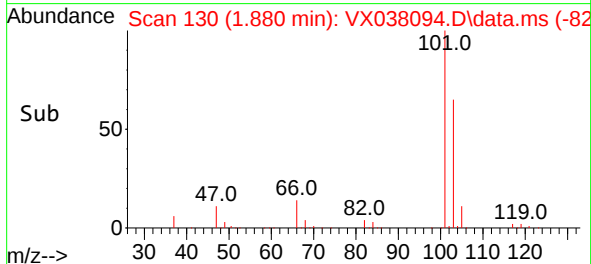
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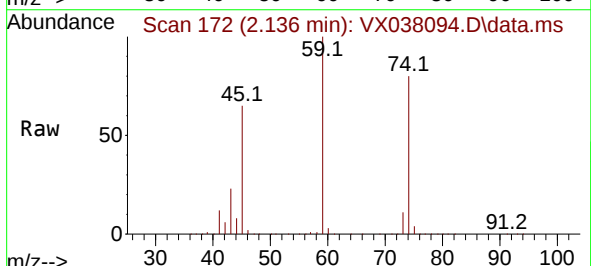
Tgt Ion:101 Resp: 33154
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.2

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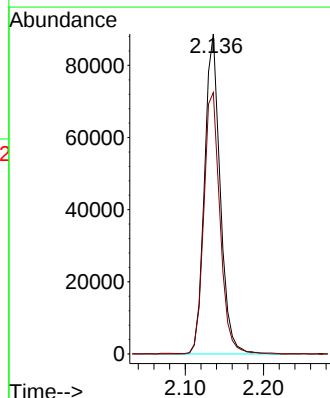
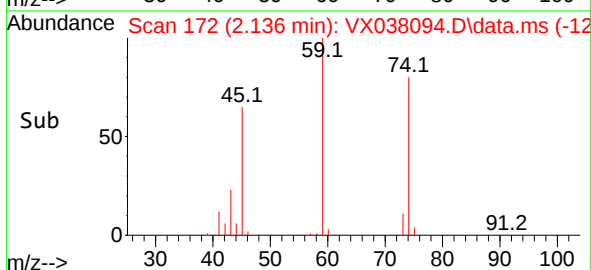
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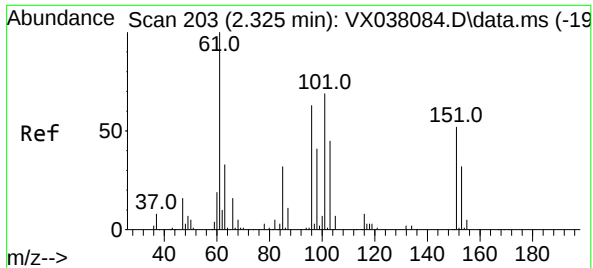


#8
 Diethyl Ether
 Concen: 97.094 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX038094.D
 Acq: 05 Oct 2023 11:31



Tgt Ion: 74 Resp: 123043
 Ion Ratio Lower Upper
 74 100
 45 84.8 53.3 159.8





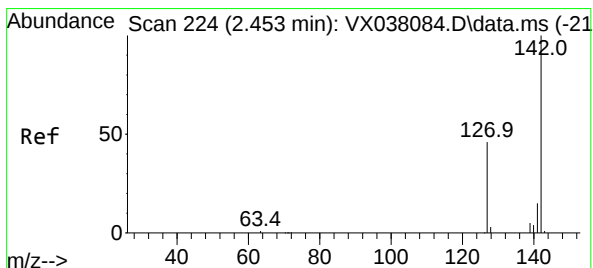
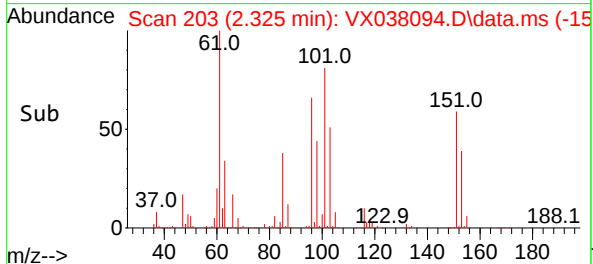
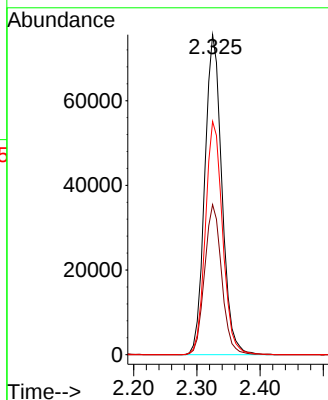
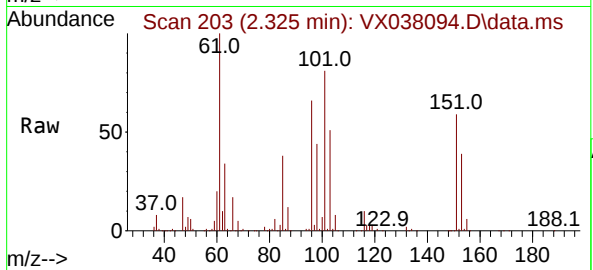
#9
1,1,2-Trichlorotrifluoroethane
Concen: 95.882 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 142229
Ion Ratio Lower Upper
101 100
85 46.7 37.0 55.6
151 73.3 58.6 87.8

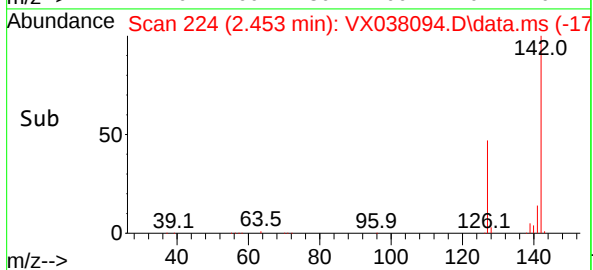
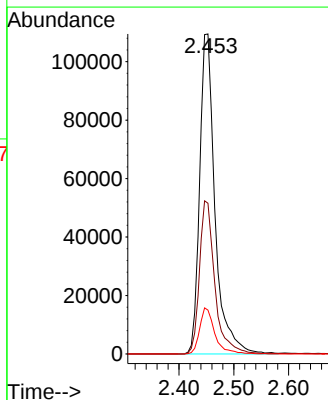
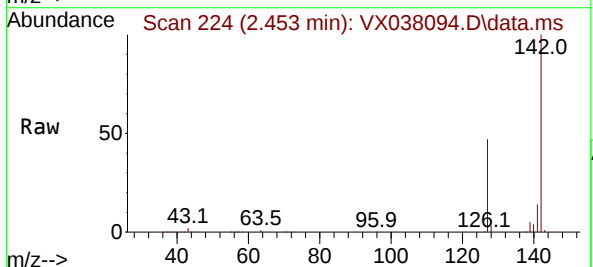
Manual Integrations
APPROVED

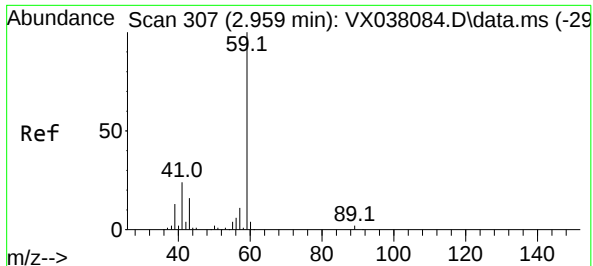
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#10
Methyl Iodide
Concen: 99.897 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Tgt Ion:142 Resp: 213213
Ion Ratio Lower Upper
142 100
127 47.7 41.6 62.4
141 14.2 11.6 17.4





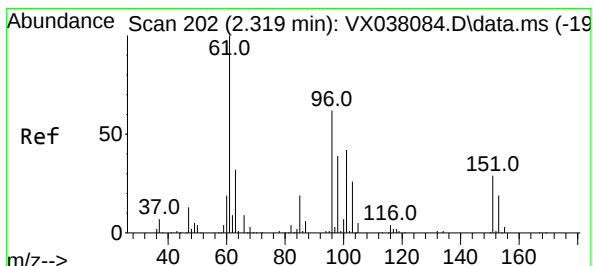
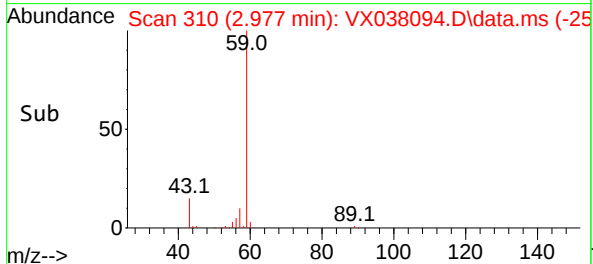
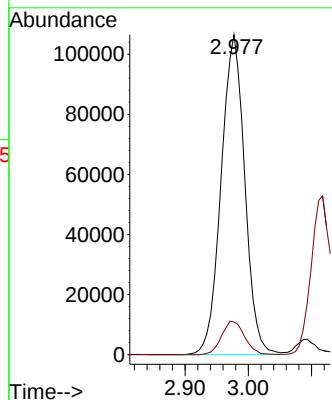
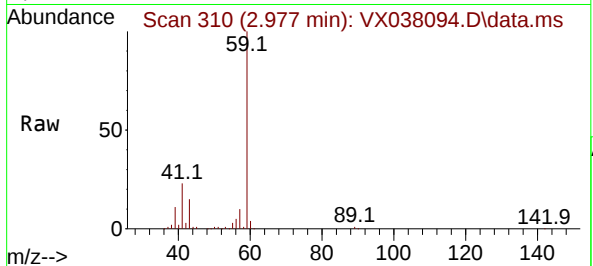
#11
Tert butyl alcohol
Concen: 504.193 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.018 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 276012
Ion Ratio Lower Upper
59 100
57 10.2 6.0 9.0

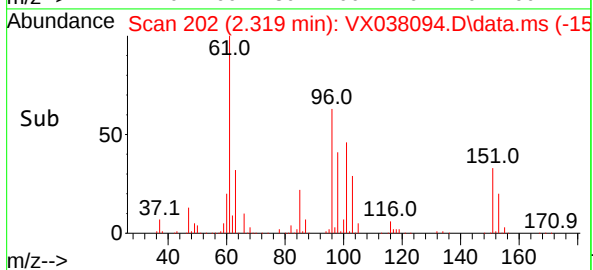
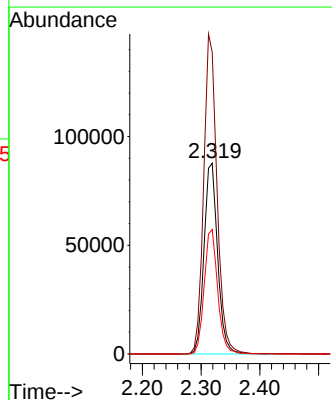
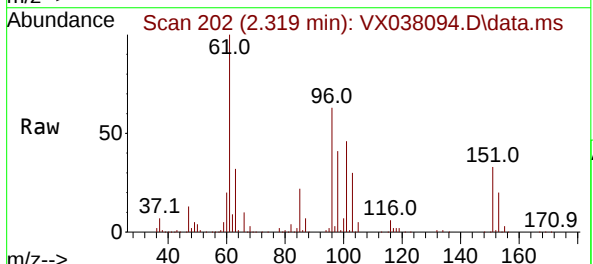
Manual Integrations
APPROVED

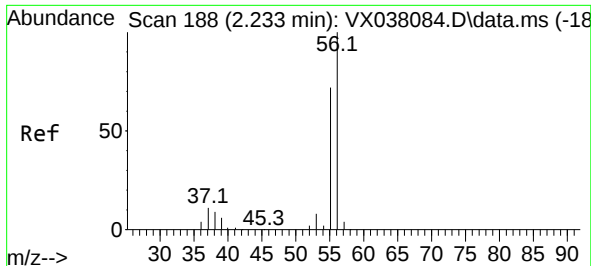
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#12
1,1-Dichloroethene
Concen: 98.267 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

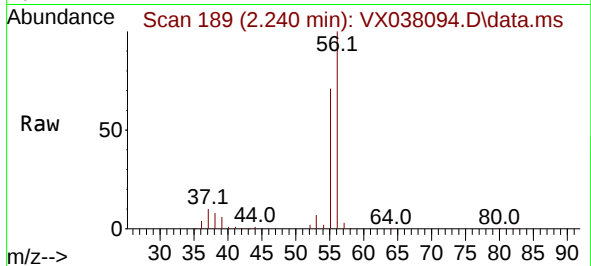
Tgt Ion: 96 Resp: 141792
Ion Ratio Lower Upper
96 100
61 158.3 144.6 216.8
98 65.3 50.4 75.6





#13
Acrolein
Concen: 507.964 ug/l
RT: 2.240 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

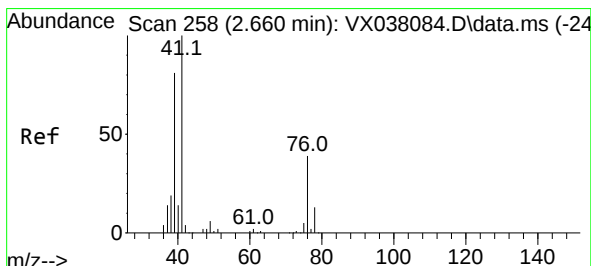
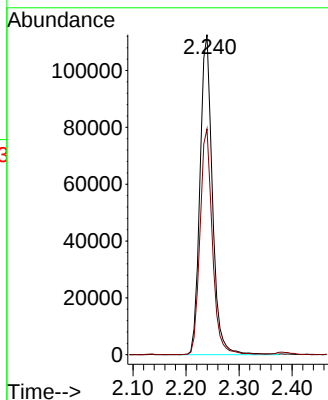
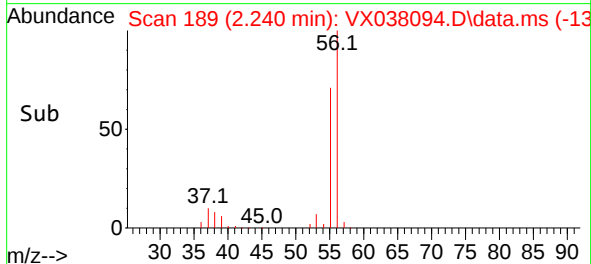
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 183179
Ion Ratio Lower Upper
56 100
55 70.6 57.1 85.7

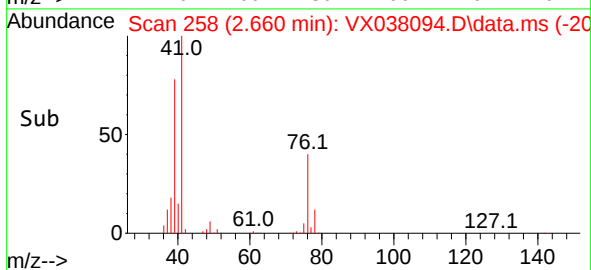
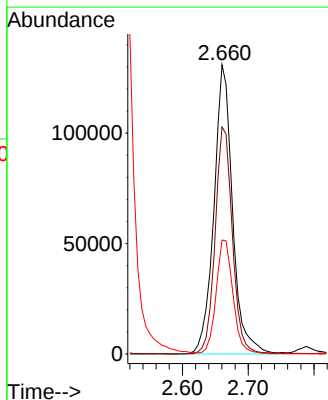
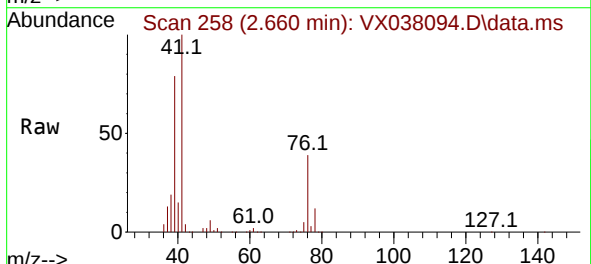
Manual Integrations
APPROVED

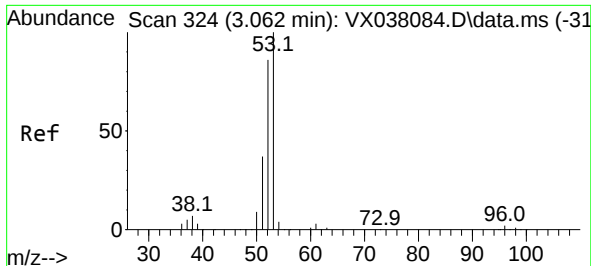
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#14
Allyl chloride
Concen: 100.222 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

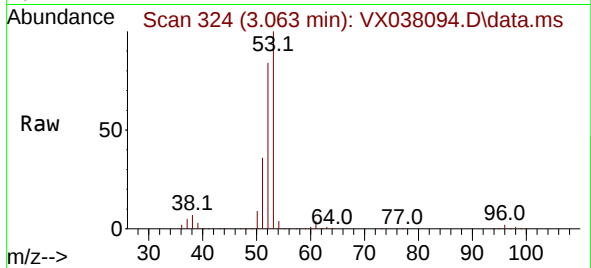
Tgt Ion: 41 Resp: 258662
Ion Ratio Lower Upper
41 100
39 72.7 55.8 83.6
76 35.6 24.3 36.5





#15
Acrylonitrile
Concen: 491.896 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

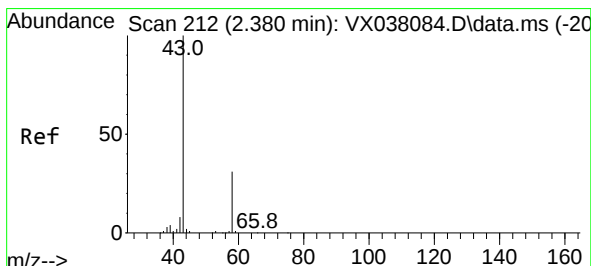
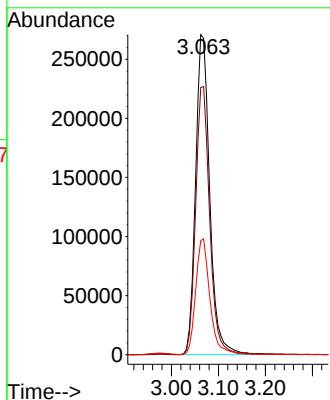
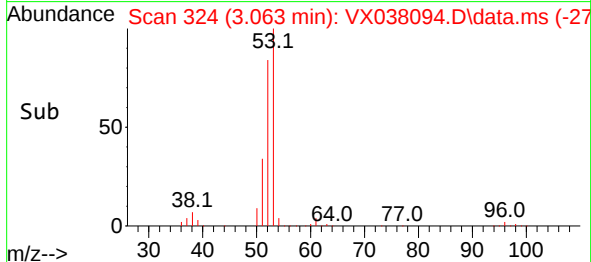
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 56783
Ion Ratio Lower Upper
53 100
52 83.5 66.0 99.0
51 36.5 29.8 44.6

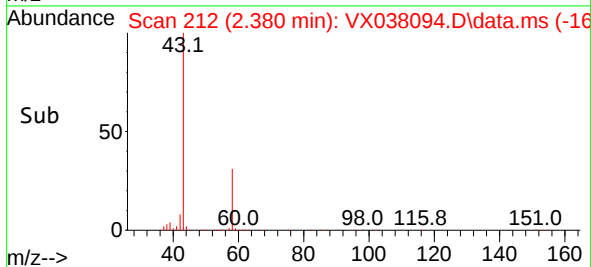
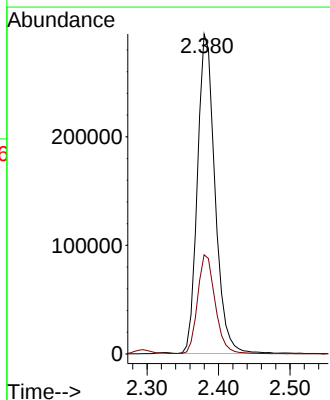
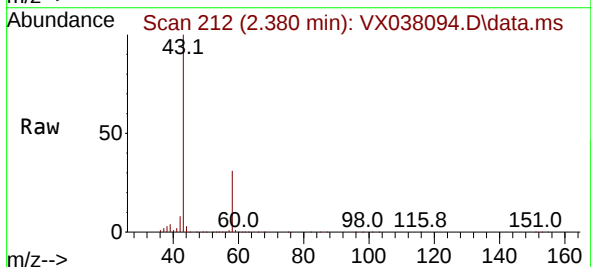
Manual Integrations
APPROVED

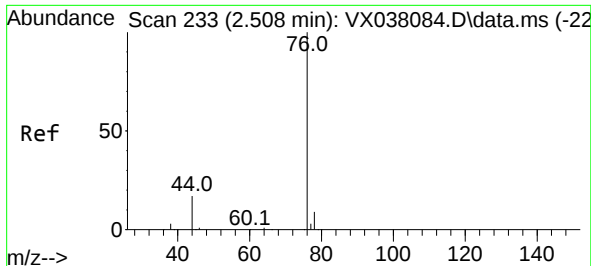
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#16
Acetone
Concen: 473.264 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Tgt Ion: 43 Resp: 501033
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9





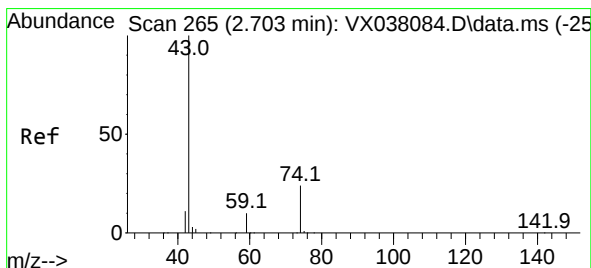
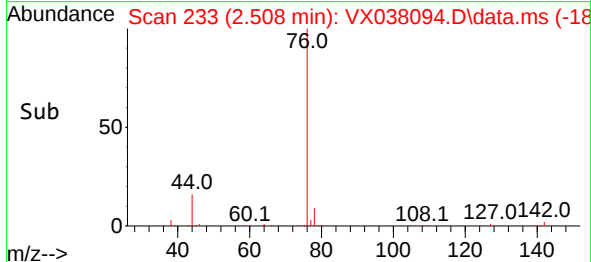
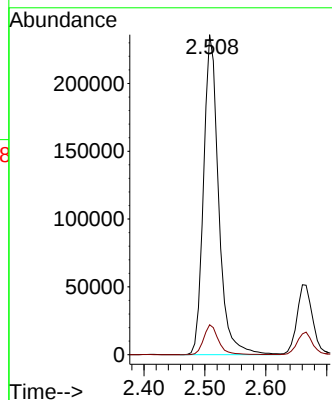
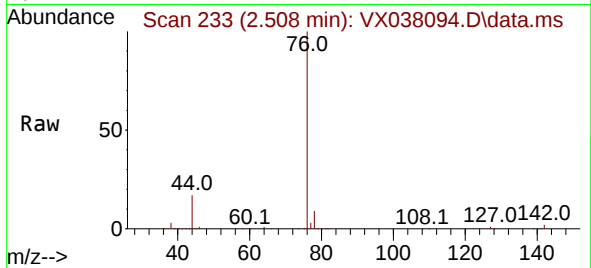
#17
Carbon Disulfide
Concen: 97.571 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 405773
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

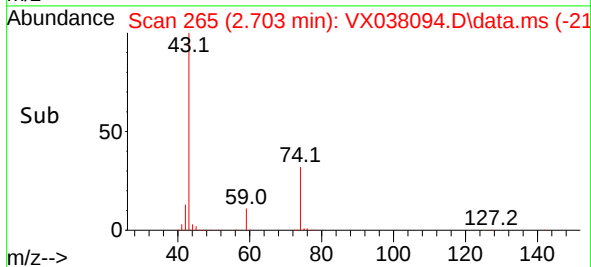
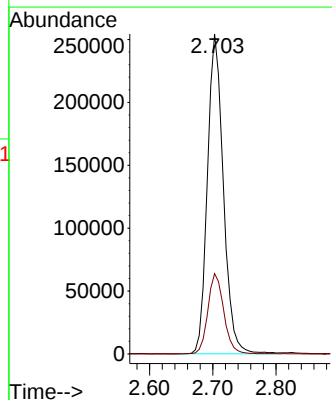
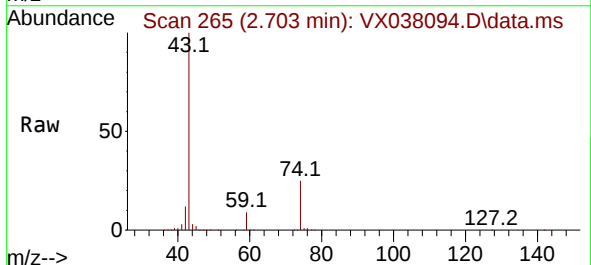
Manual Integrations
APPROVED

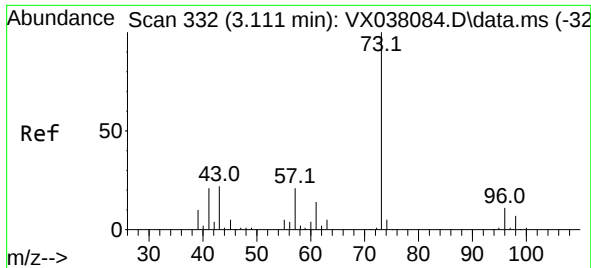
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#18
Methyl Acetate
Concen: 98.323 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Tgt Ion: 43 Resp: 446386
Ion Ratio Lower Upper
43 100
74 25.2 17.8 26.8





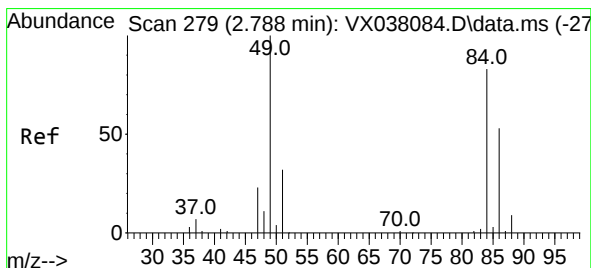
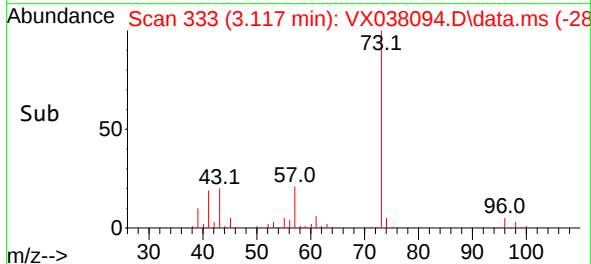
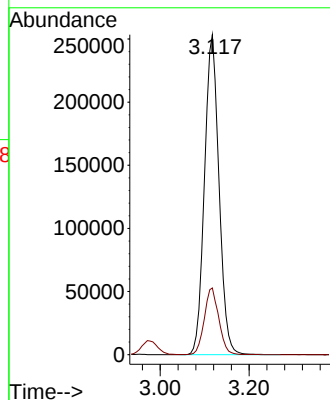
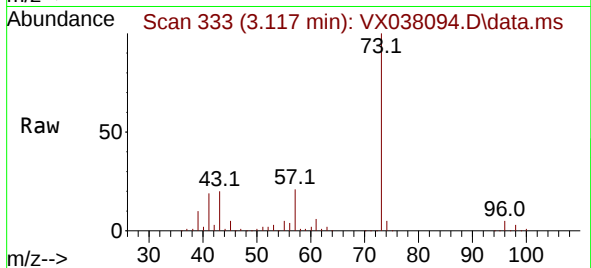
#19
Methyl tert-butyl Ether
Concen: 100.373 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 576810
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9

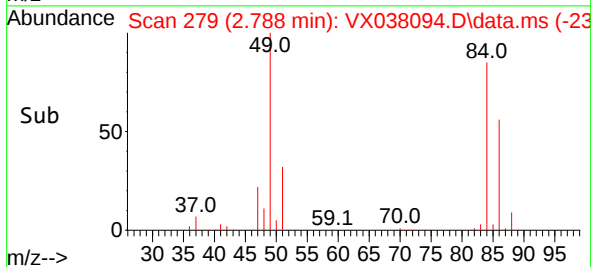
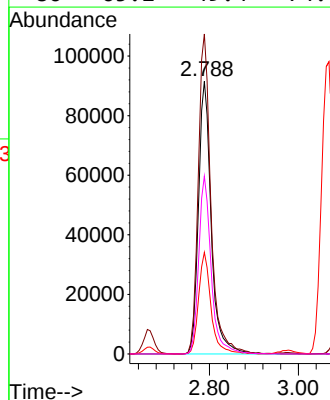
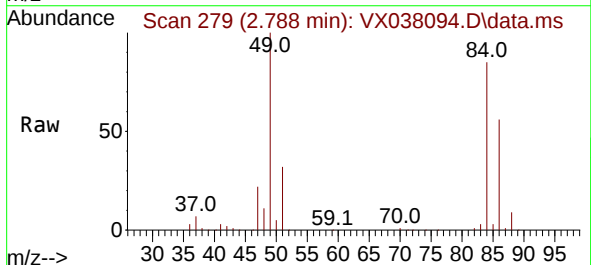
Manual Integrations
APPROVED

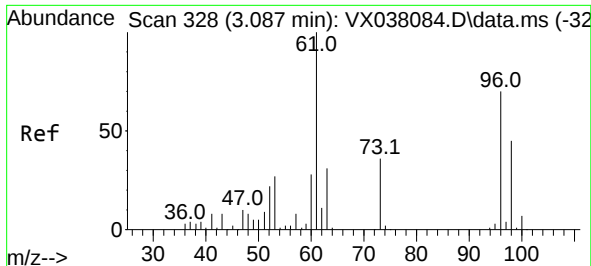
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#20
Methylene Chloride
Concen: 91.600 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

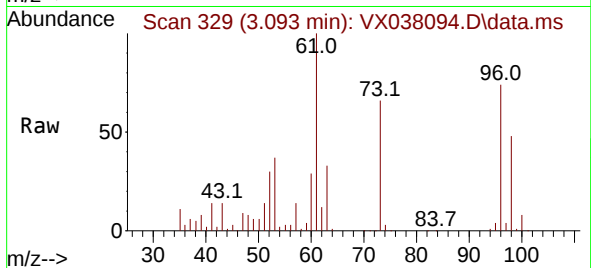
Tgt Ion: 84 Resp: 182408
Ion Ratio Lower Upper
84 100
49 117.4 103.6 155.4
51 37.3 33.8 50.6
86 65.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 98.124 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

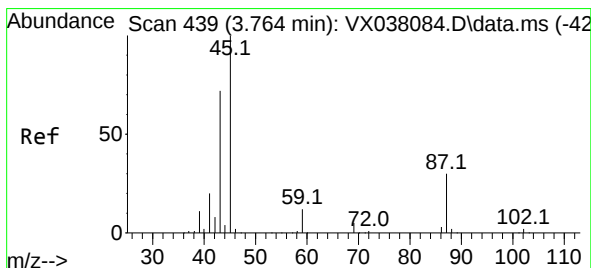
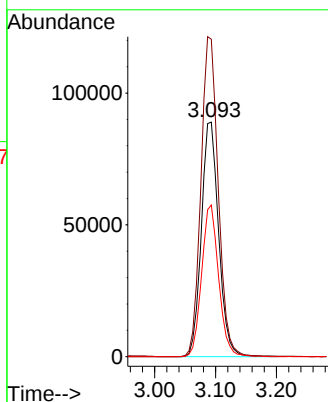
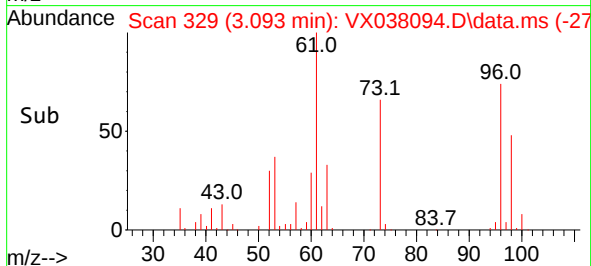
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 175304
Ion Ratio Lower Upper
96 100
61 135.4 119.2 178.8
98 64.7 48.7 73.1

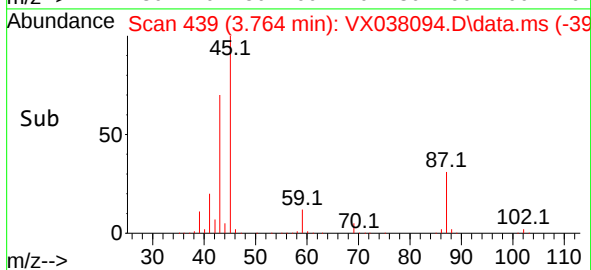
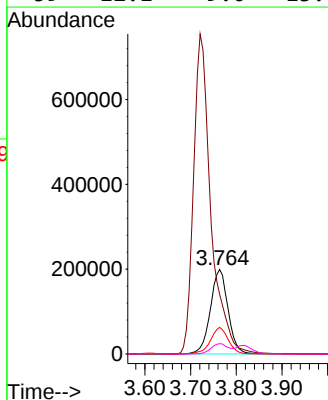
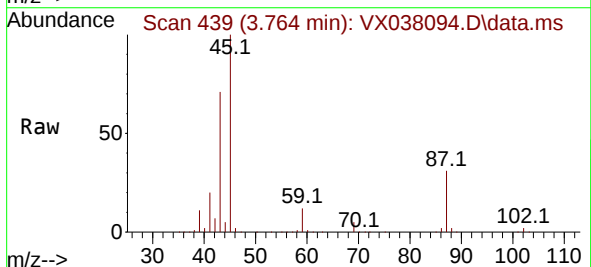
Manual Integrations
APPROVED

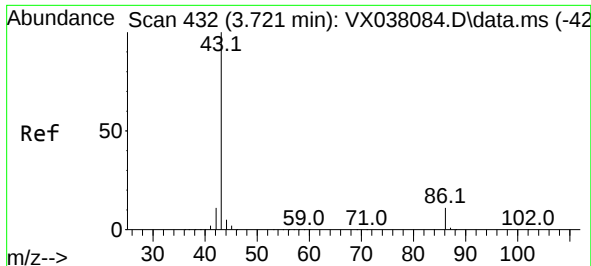
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#22
Diisopropyl ether
Concen: 98.571 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Tgt Ion: 45 Resp: 533184
Ion Ratio Lower Upper
45 100
43 70.3 69.7 104.5
87 31.5 20.8 31.2#
59 12.1 9.0 13.4





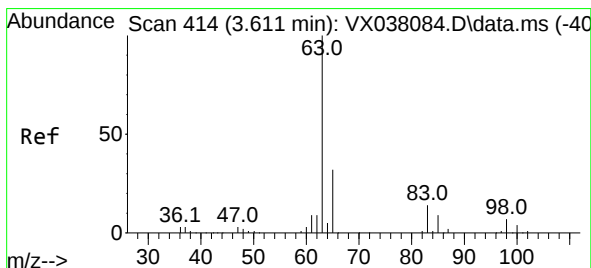
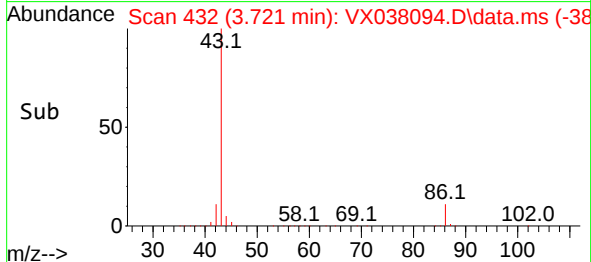
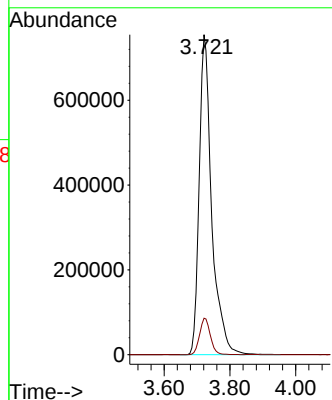
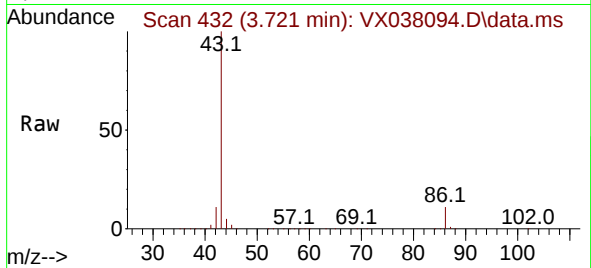
#23
 Vinyl Acetate
 Concen: 502.632 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038094.D
 Acq: 05 Oct 2023 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tgt Ion: 43 Resp: 199382
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.8 11.8

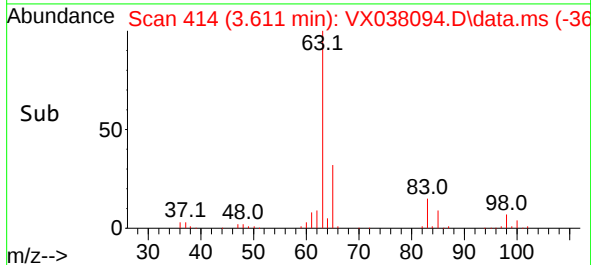
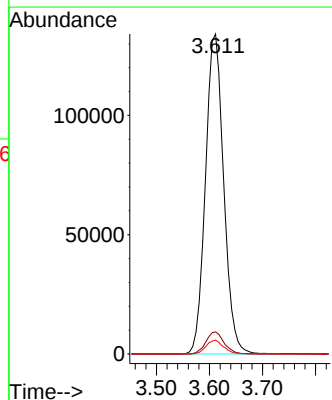
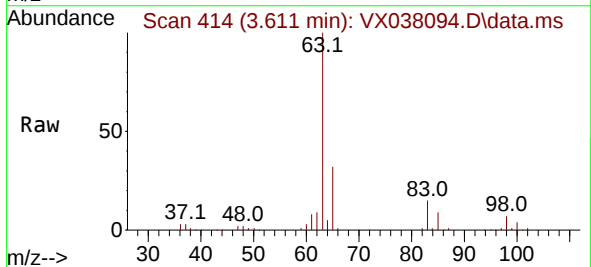
Manual Integrations
 APPROVED

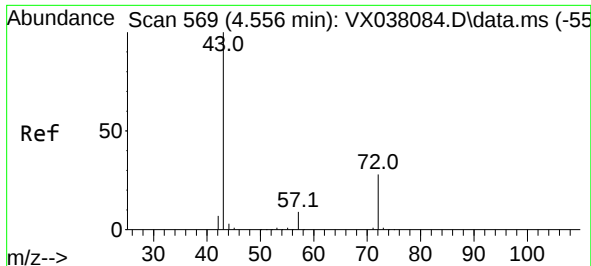
Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#24
 1,1-Dichloroethane
 Concen: 97.514 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038094.D
 Acq: 05 Oct 2023 11:31

Tgt Ion: 63 Resp: 320109
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.3 2.1 6.5





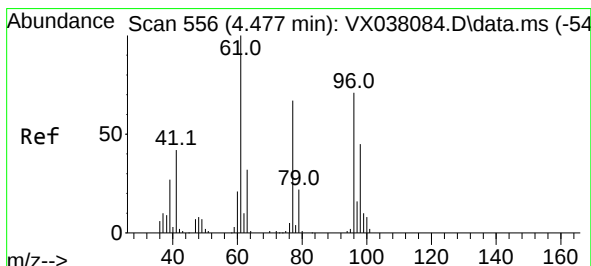
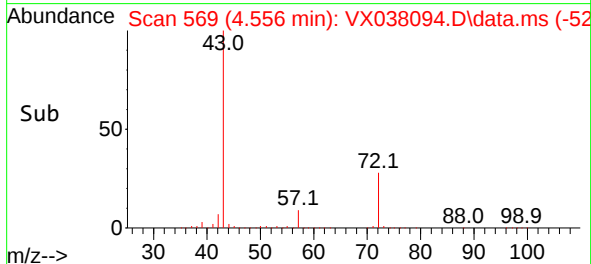
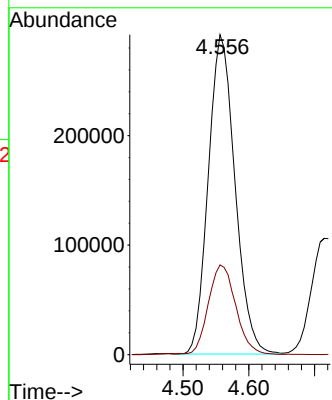
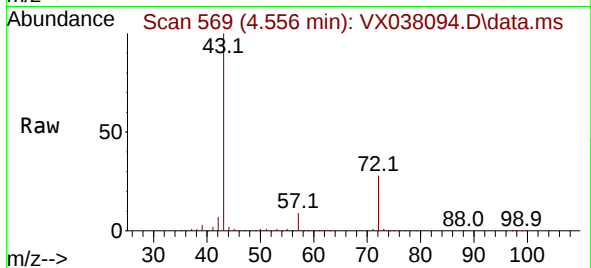
#25
2-Butanone
Concen: 481.464 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 82241
Ion Ratio Lower Upper
43 100
72 28.0 19.4 29.2

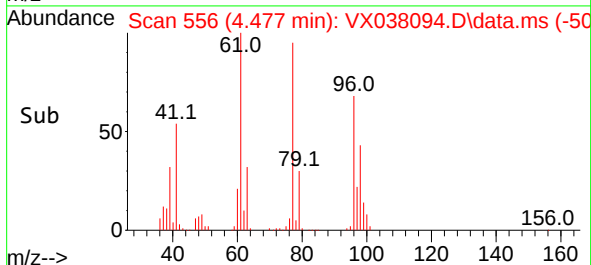
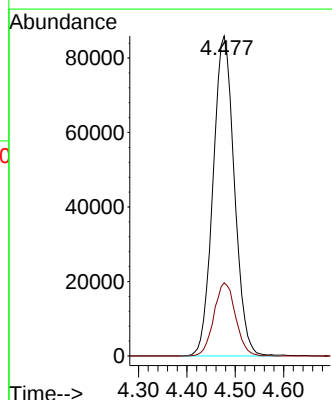
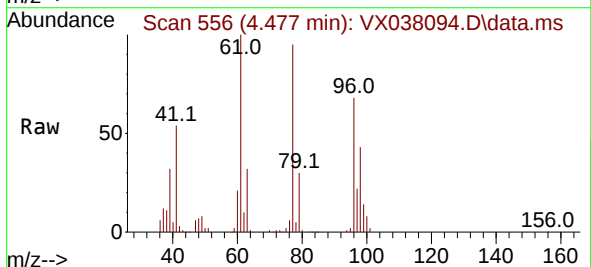
Manual Integrations
APPROVED

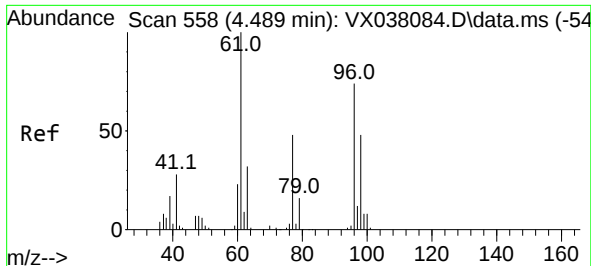
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#26
2,2-Dichloropropane
Concen: 102.607 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Tgt Ion: 77 Resp: 262977
Ion Ratio Lower Upper
77 100
97 23.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 97.893 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX038094.D

Acq: 05 Oct 2023 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 208289

Ion Ratio Lower Upper

96 100

61 142.9 0.0 312.2

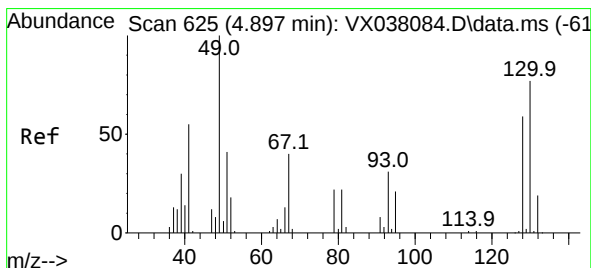
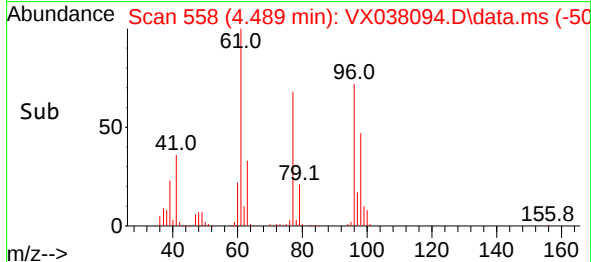
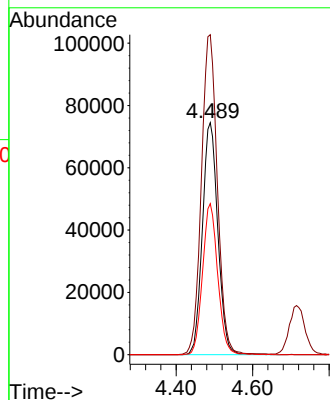
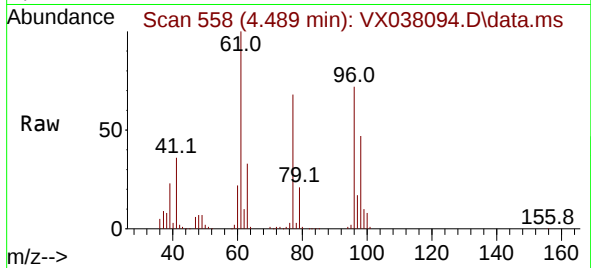
98 63.9 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#28

Bromochloromethane

Concen: 100.512 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX038094.D

Acq: 05 Oct 2023 11:31

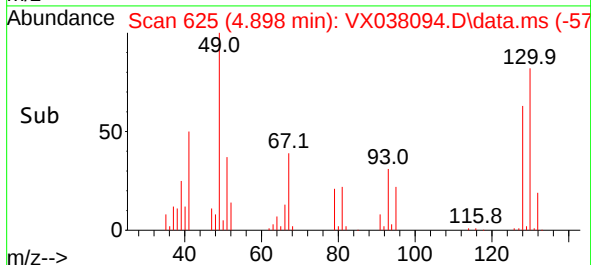
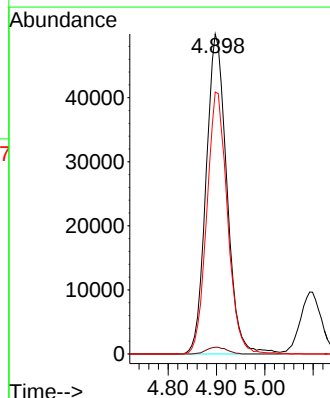
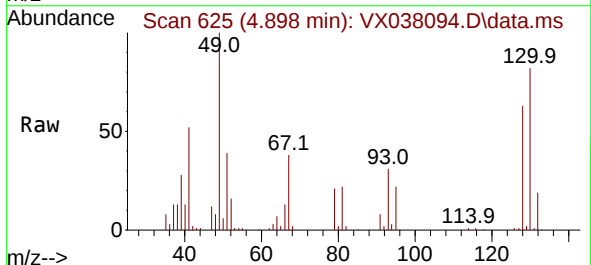
Tgt Ion: 49 Resp: 148948

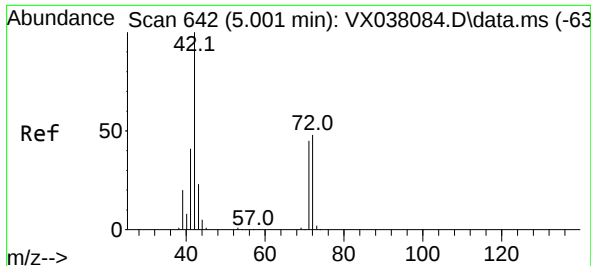
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 81.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 479.562 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX038094.D

Acq: 05 Oct 2023 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 533320

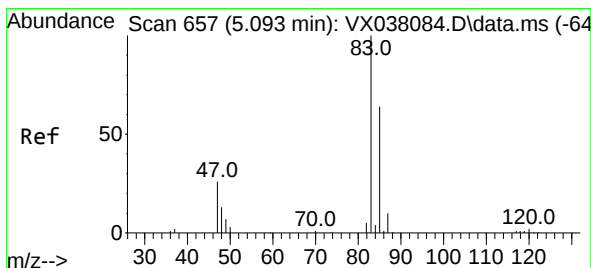
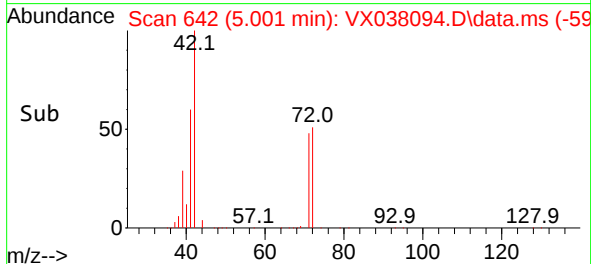
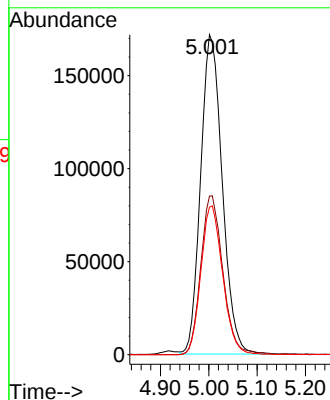
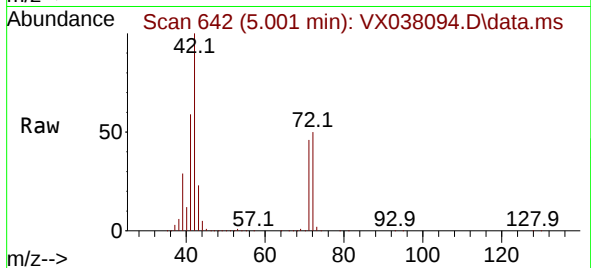
Ion	Ratio	Lower	Upper
42	100		
72	50.8	34.2	51.4
71	47.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#30

Chloroform

Concen: 99.809 ug/l

RT: 5.093 min Scan# 657

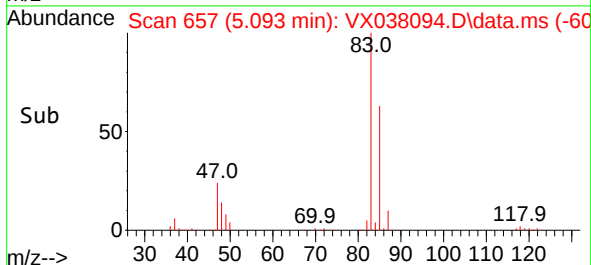
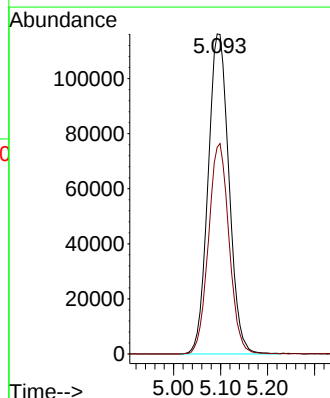
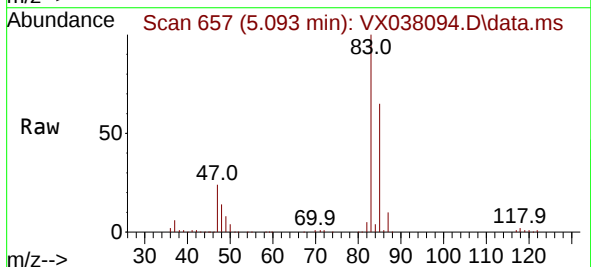
Delta R.T. 0.000 min

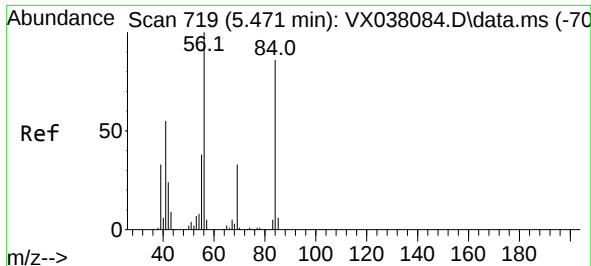
Lab File: VX038094.D

Acq: 05 Oct 2023 11:31

Tgt Ion: 83 Resp: 358284

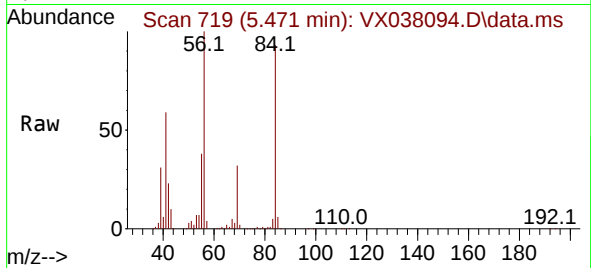
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.3	75.5





#31
Cyclohexane
Concen: 95.705 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

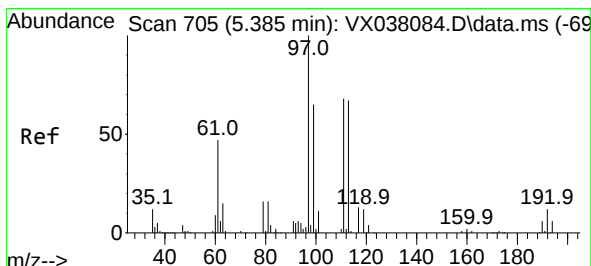
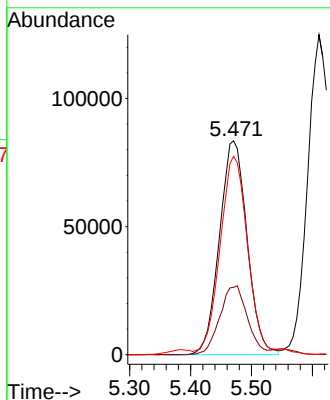
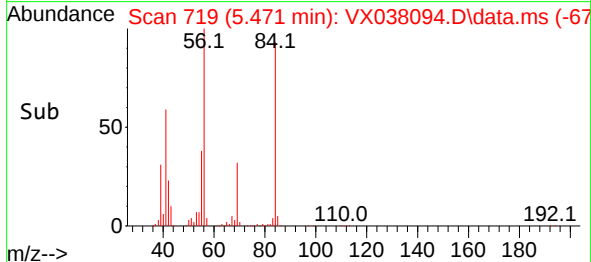
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 263025
Ion Ratio Lower Upper
56 100
69 31.5 23.4 35.2
84 90.5 65.9 98.9

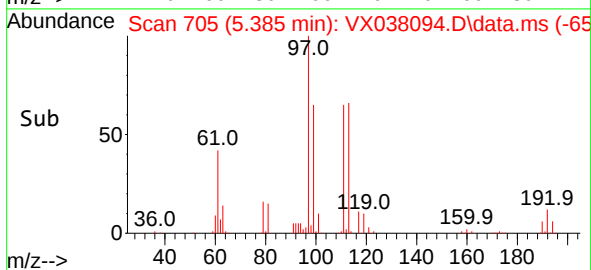
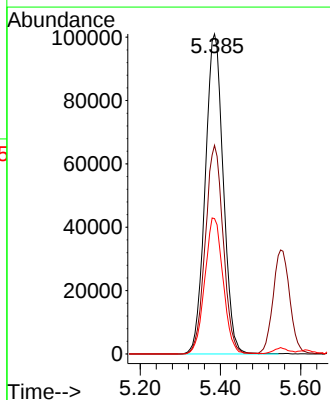
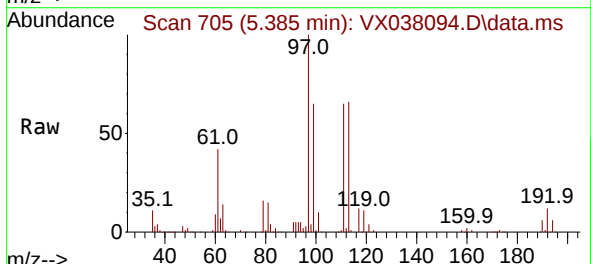
Manual Integrations
APPROVED

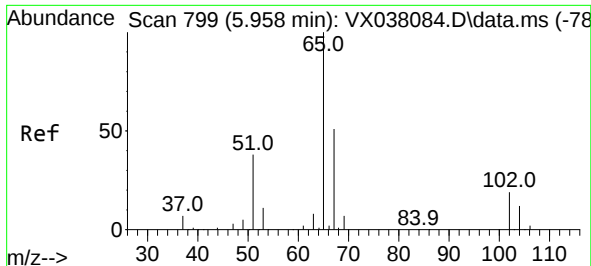
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#32
1,1,1-Trichloroethane
Concen: 102.485 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Tgt Ion: 97 Resp: 315109
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 43.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 95.666 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038094.D

Acq: 05 Oct 2023 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 242672

Ion Ratio Lower Upper

65 100

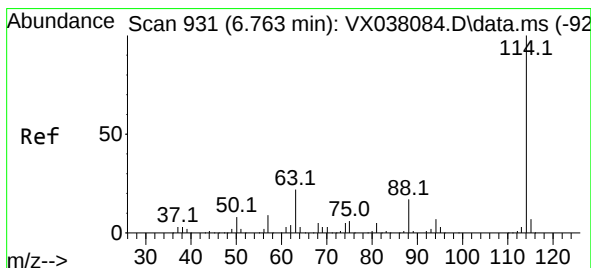
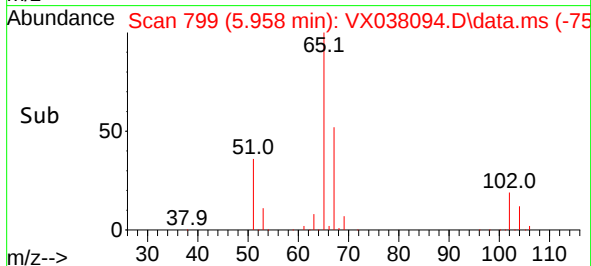
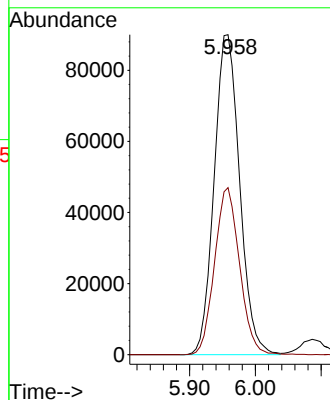
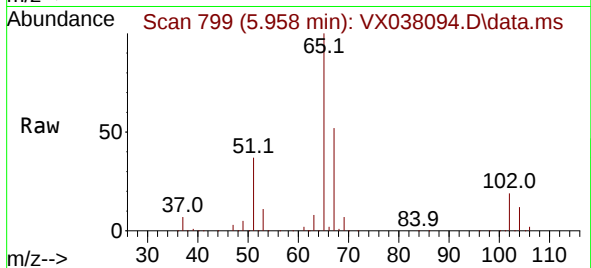
67 51.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038094.D

Acq: 05 Oct 2023 11:31

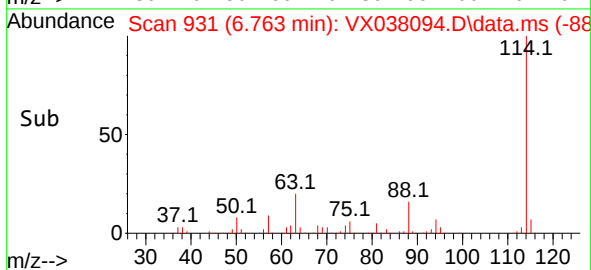
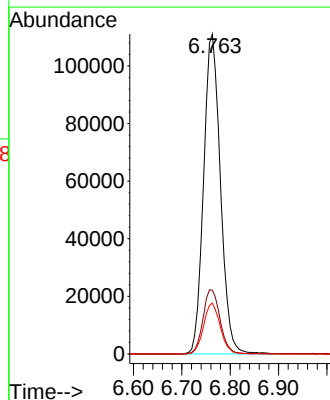
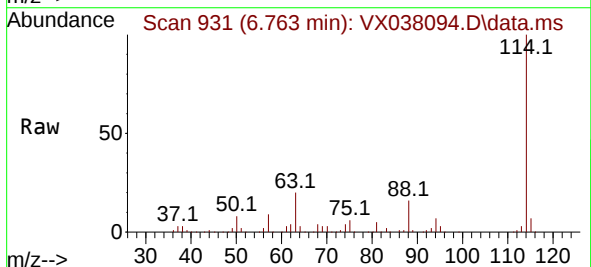
Tgt Ion:114 Resp: 268648

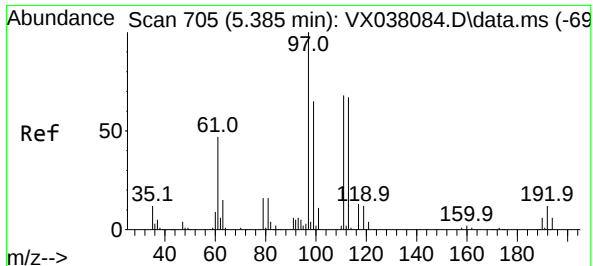
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 15.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 99.169 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038094.D

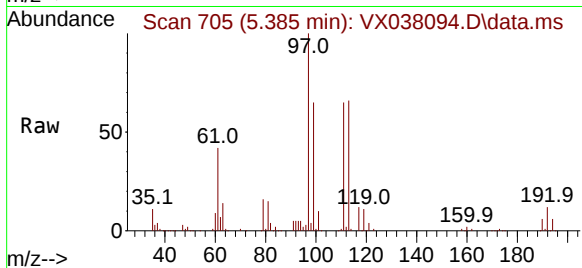
Acq: 05 Oct 2023 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100



Tgt Ion: 113 Resp: 191970

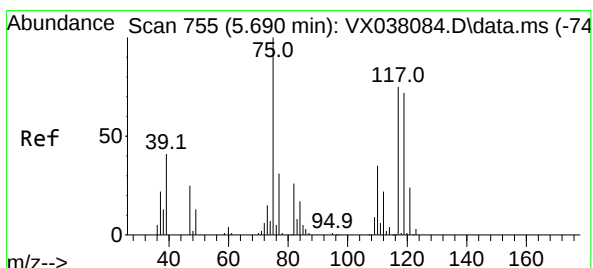
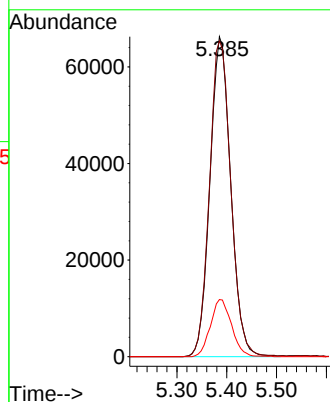
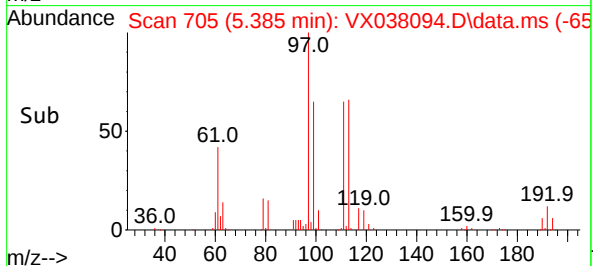
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.9	124.3
192	18.2	13.3	19.9

Manual Integrations

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Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#36

1,1-Dichloropropene

Concen: 95.971 ug/l

RT: 5.690 min Scan# 755

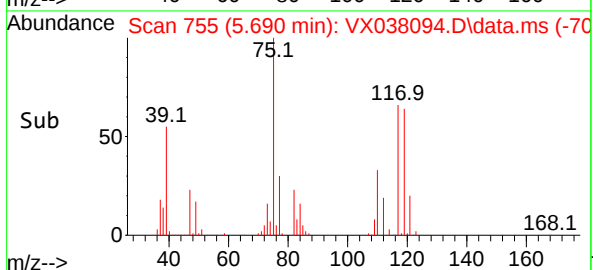
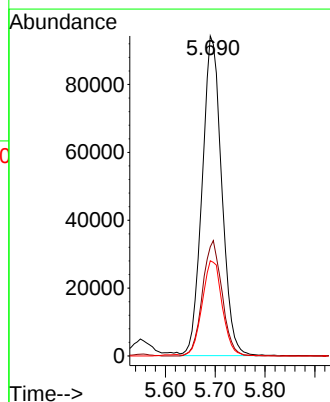
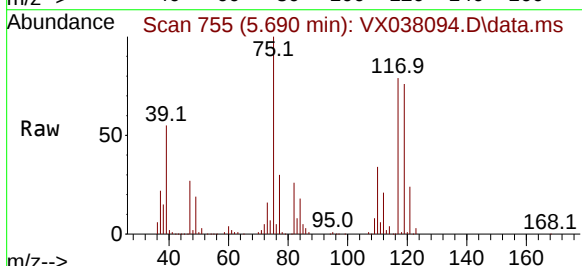
Delta R.T. 0.000 min

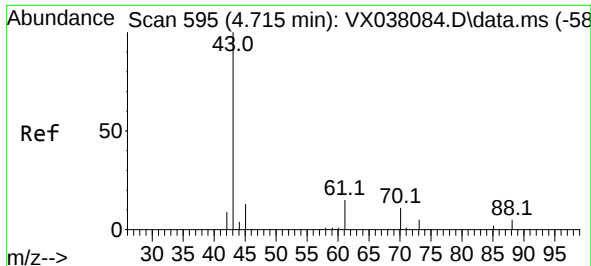
Lab File: VX038094.D

Acq: 05 Oct 2023 11:31

Tgt Ion: 75 Resp: 256186

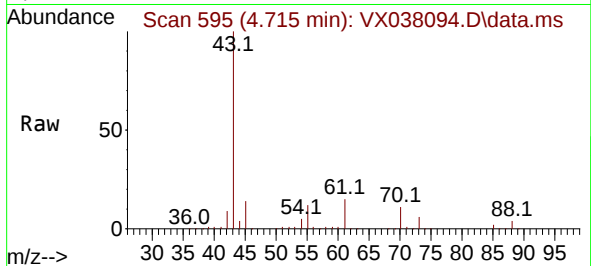
Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.0	50.9
77	30.7	24.7	37.1





#37
Ethyl Acetate
Concen: 99.806 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

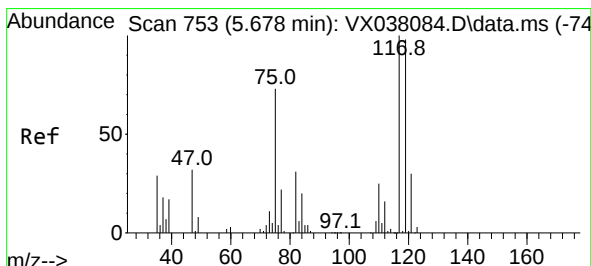
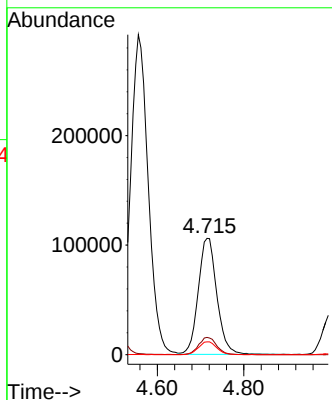
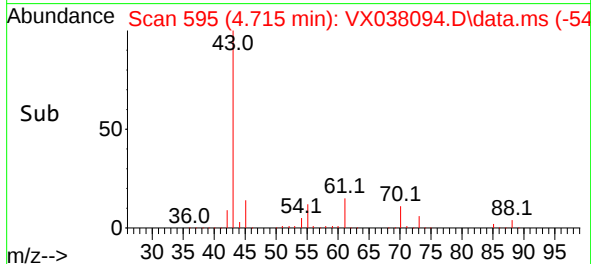
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 316414
Ion Ratio Lower Upper
43 100
61 14.5 10.6 16.0
70 11.0 8.3 12.5

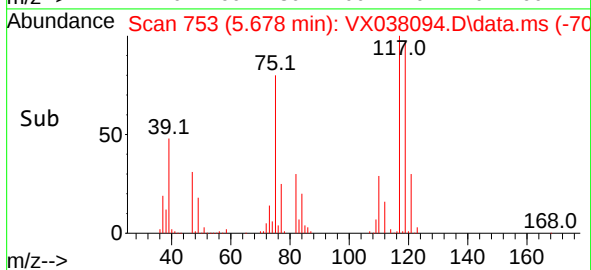
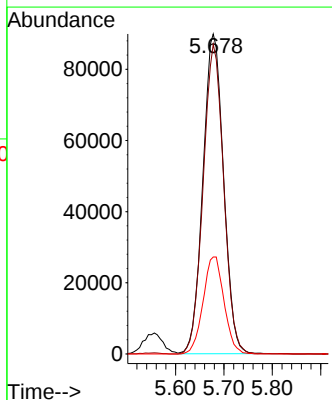
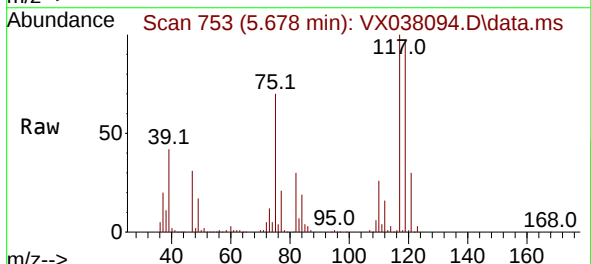
Manual Integrations
APPROVED

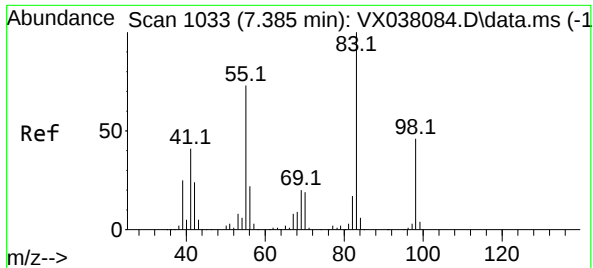
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#38
Carbon Tetrachloride
Concen: 101.668 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Tgt Ion:117 Resp: 266981
Ion Ratio Lower Upper
117 100
119 96.9 78.2 117.2
121 30.3 24.4 36.6





#39
Methylcyclohexane
Concen: 97.303 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

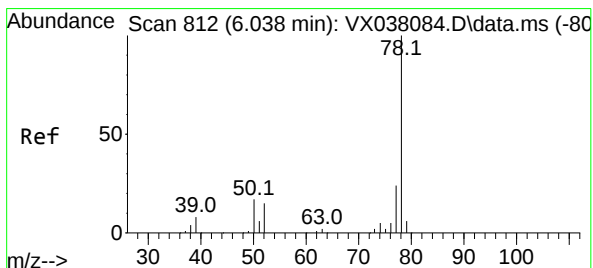
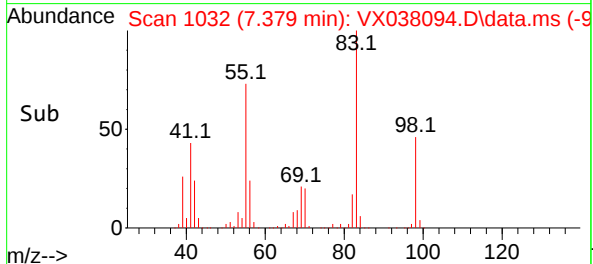
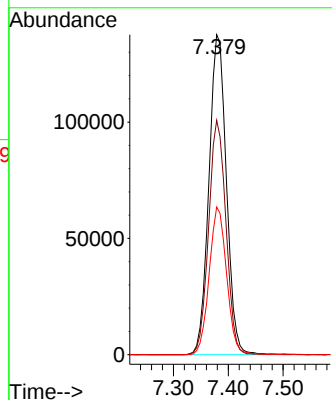
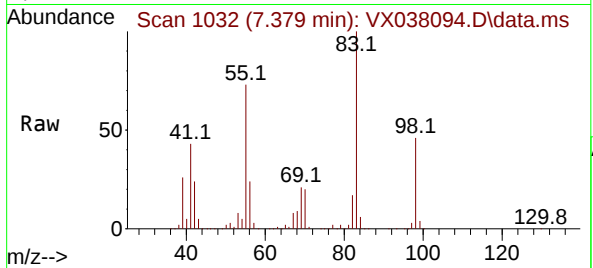
Tgt Ion: 83 Resp: 304239
Ion Ratio Lower Upper
83 100
55 73.3 64.6 97.0
98 46.2 36.7 55.1

Manual Integrations

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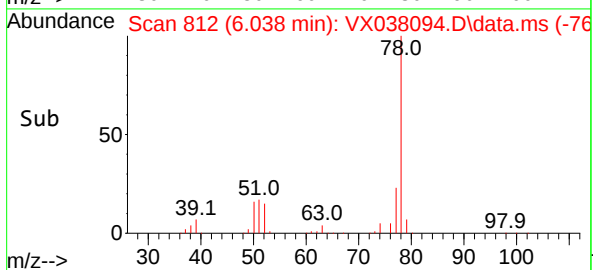
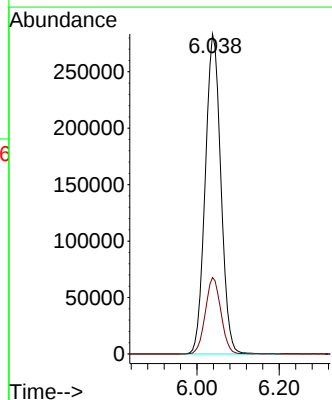
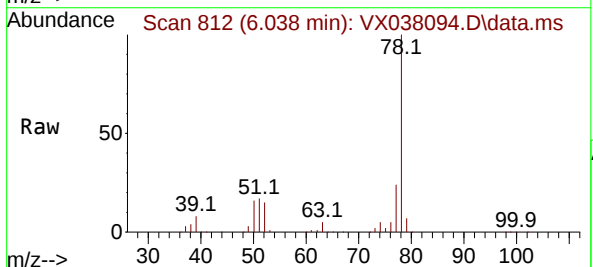
Reviewed By :John Carlone 10/05/2023

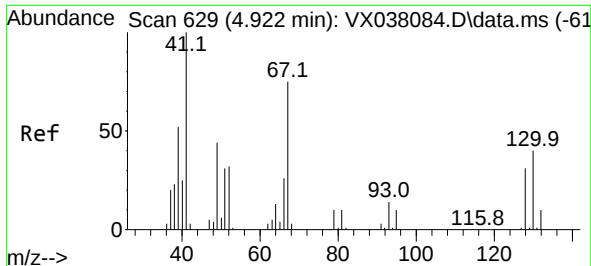
Supervised By :Mahesh Dadoda 10/06/2023



#40
Benzene
Concen: 100.004 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Tgt Ion: 78 Resp: 746648
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





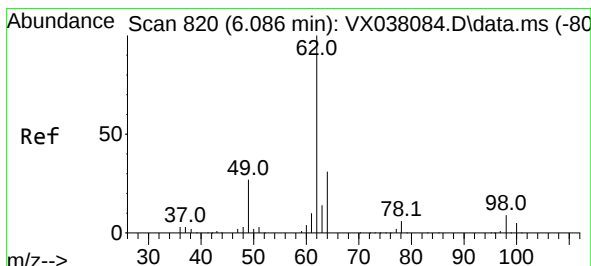
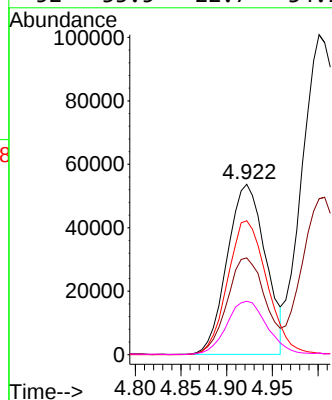
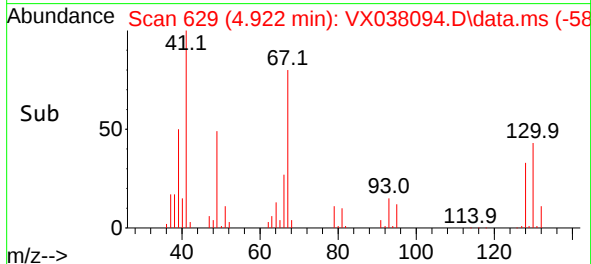
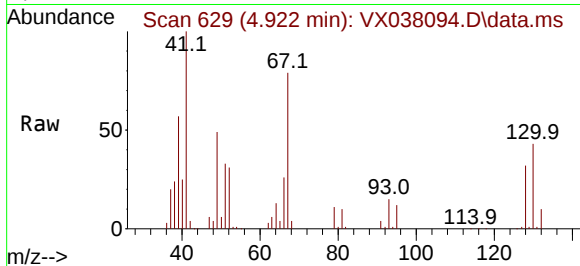
#41
Methacrylonitrile
Concen: 99.504 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 156928
Ion Ratio Lower Upper
41 100
39 57.1 45.2 67.8
67 81.2 52.6 78.8
52 33.5 22.7 34.1

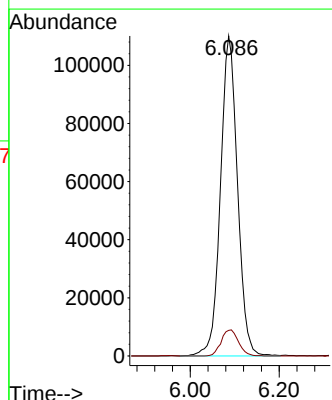
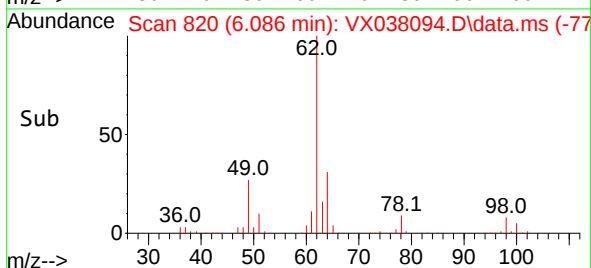
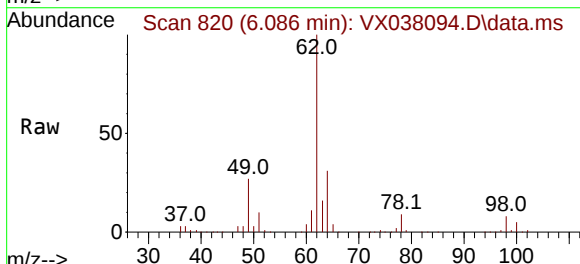
Manual Integrations
APPROVED

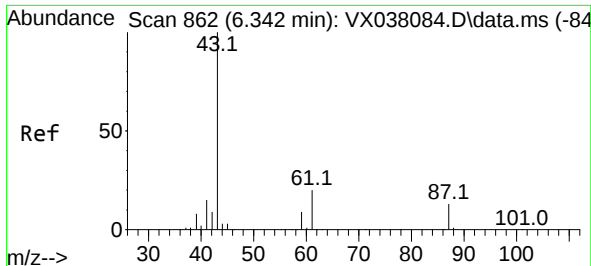
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#42
1,2-Dichloroethane
Concen: 97.905 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

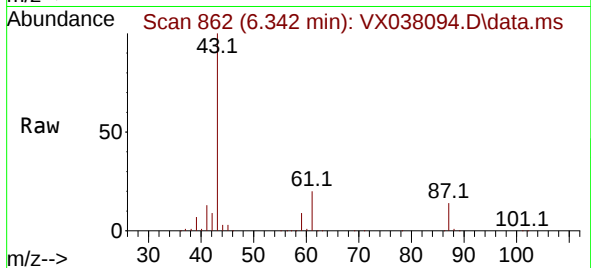
Tgt Ion: 62 Resp: 292051
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.0





#43
Isopropyl Acetate
Concen: 104.092 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

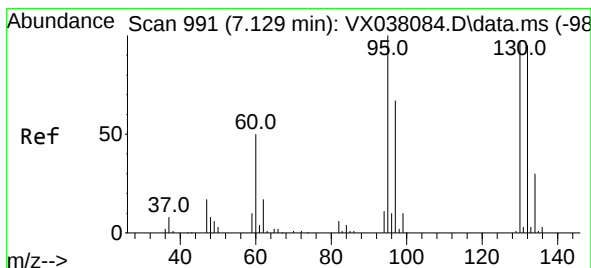
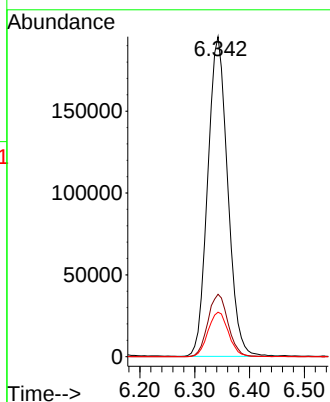
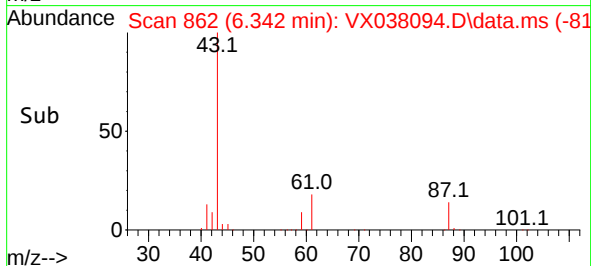
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 492639
Ion Ratio Lower Upper
43 100
61 19.8 15.2 22.8
87 14.3 9.8 14.6

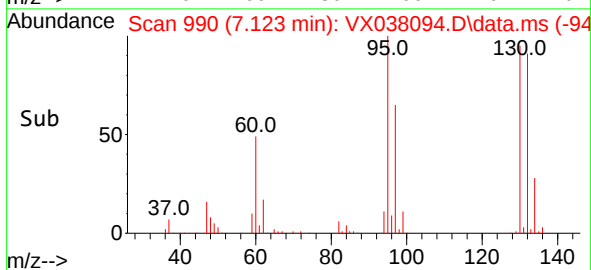
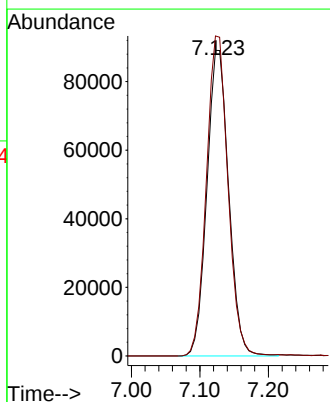
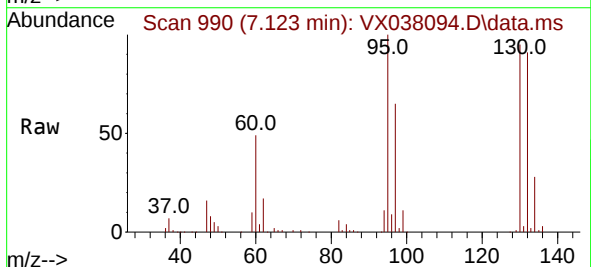
Manual Integrations
APPROVED

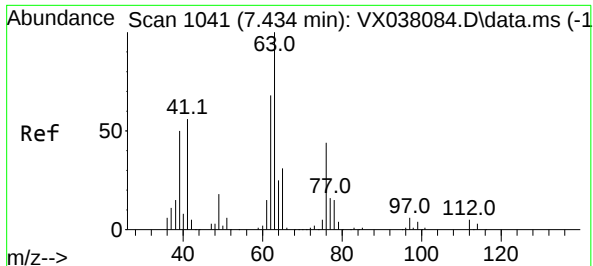
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#44
Trichloroethene
Concen: 101.139 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Tgt Ion:130 Resp: 197503
Ion Ratio Lower Upper
130 100
95 104.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 98.012 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX038094.D

Acq: 05 Oct 2023 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 189390

Ion Ratio Lower Upper

63 100

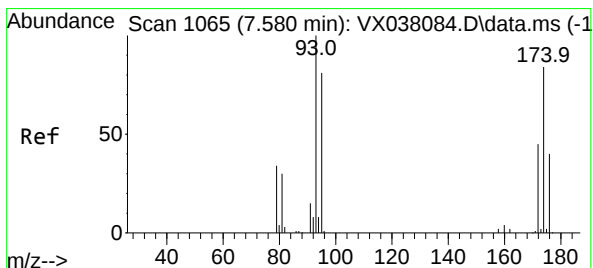
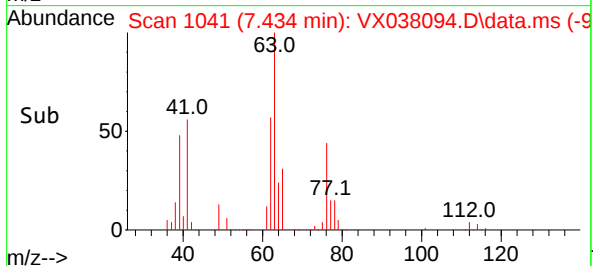
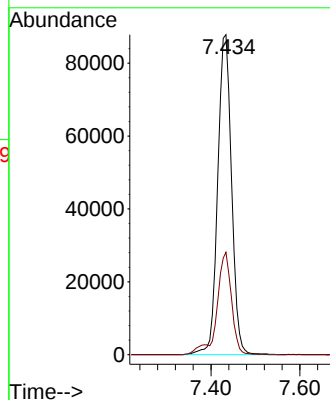
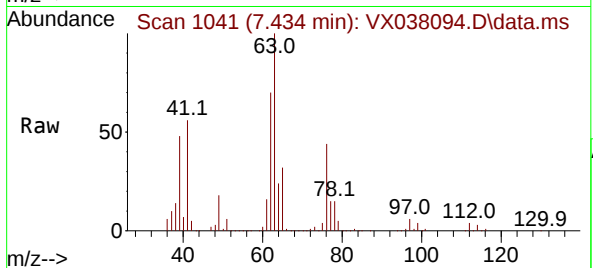
65 32.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#46

Dibromomethane

Concen: 100.510 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038094.D

Acq: 05 Oct 2023 11:31

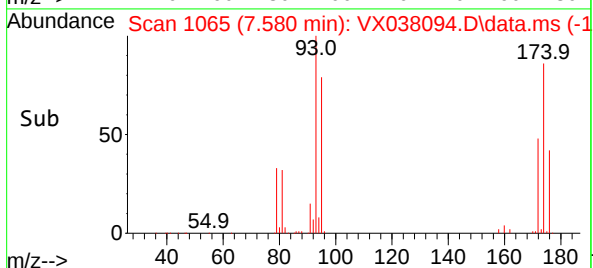
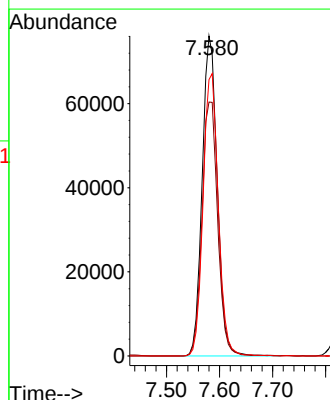
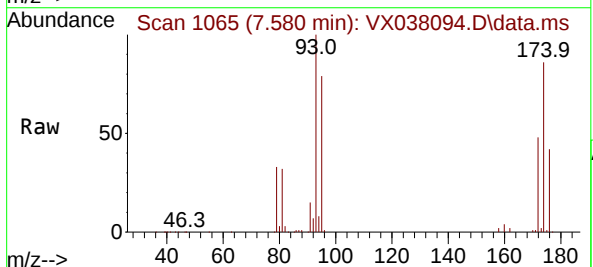
Tgt Ion: 93 Resp: 150639

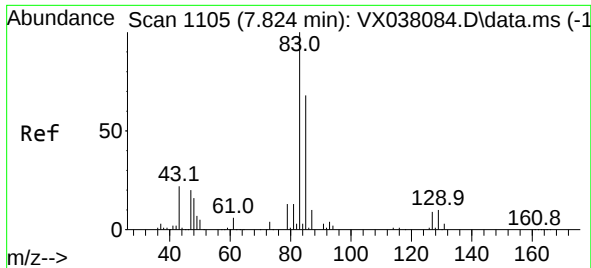
Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

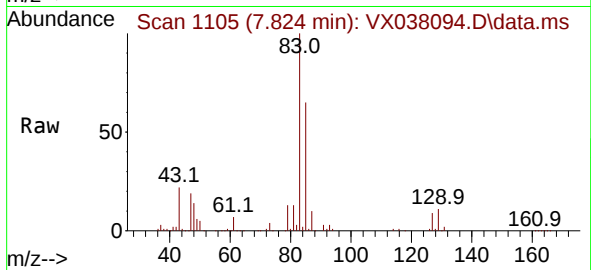
174 89.1 69.4 104.0





#47
Bromodichloromethane
Concen: 104.944 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

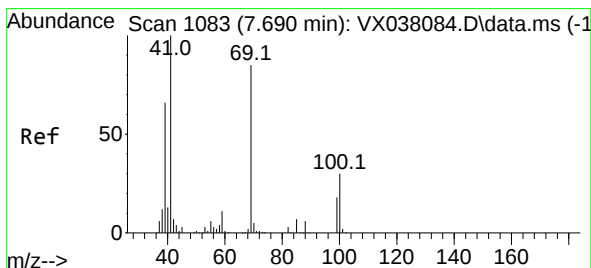
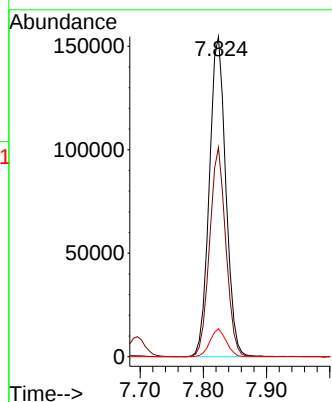
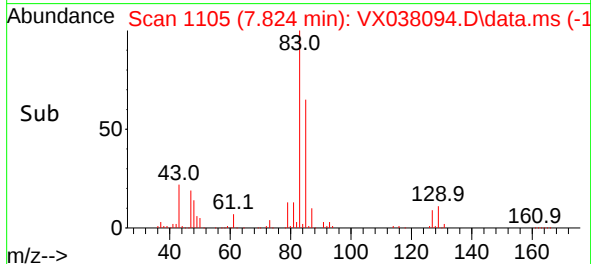
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



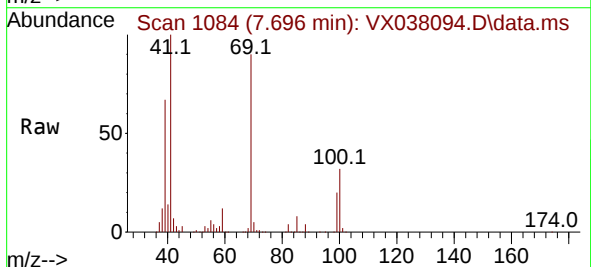
Tgt Ion: 83 Resp: 279800
Ion Ratio Lower Upper
83 100
85 65.4 49.8 74.6
127 8.7 7.1 10.7

Manual Integrations
APPROVED

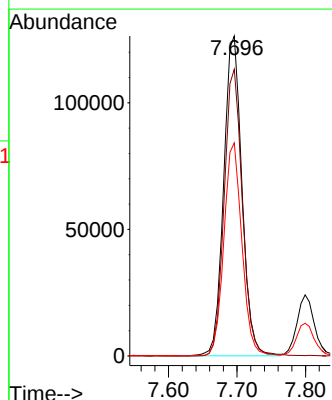
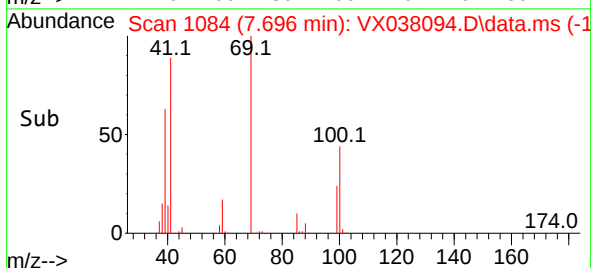
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

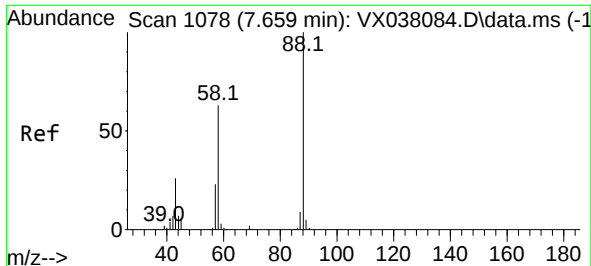


#48
Methyl methacrylate
Concen: 102.910 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31



Tgt Ion: 41 Resp: 232507
Ion Ratio Lower Upper
41 100
69 89.5 59.2 88.8
39 65.9 47.7 71.5





#49

1,4-Dioxane

Concen: 2059.792 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038094.D

Acq: 05 Oct 2023 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 114678

Ion Ratio Lower Upper

88 100

43 30.2 0.0 0.0

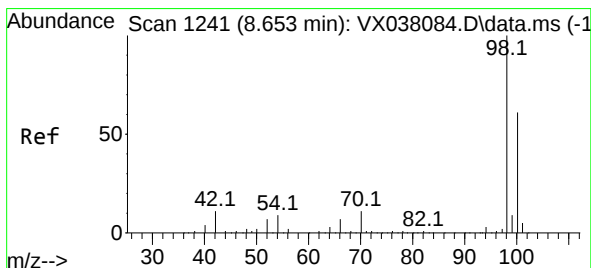
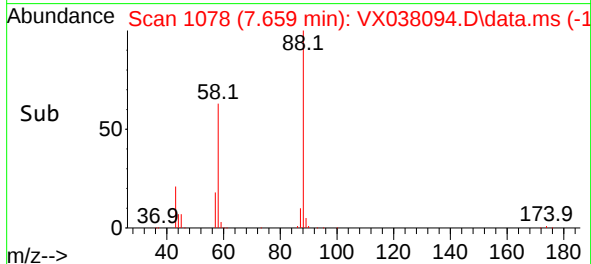
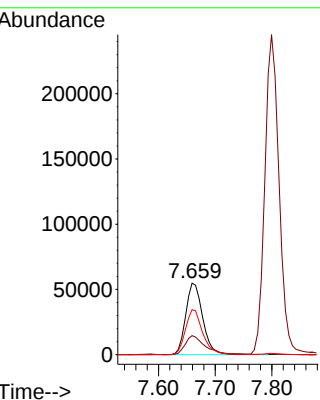
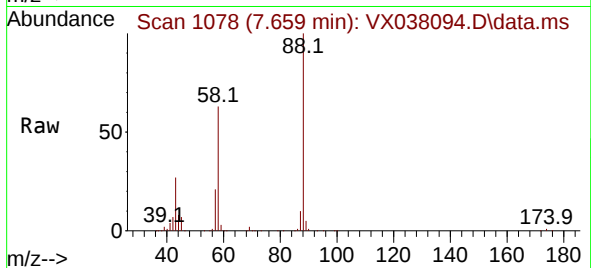
58 63.8 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#50

Toluene-d8

Concen: 99.630 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX038094.D

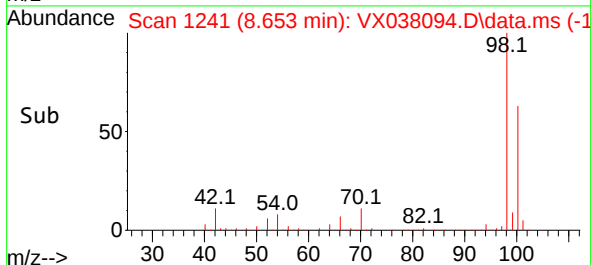
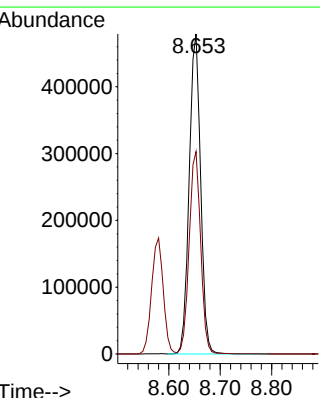
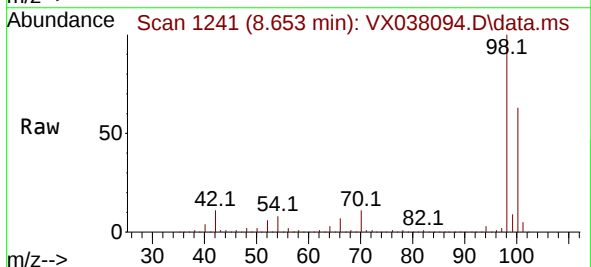
Acq: 05 Oct 2023 11:31

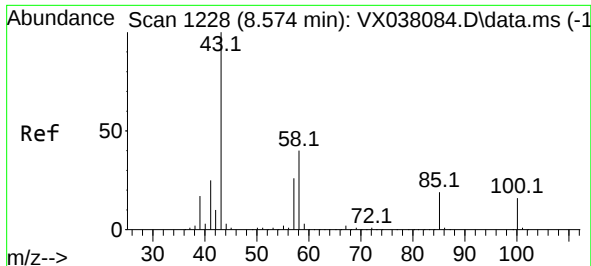
Tgt Ion: 98 Resp: 736974

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 506.529 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX038094.D

Acq: 05 Oct 2023 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 1653528

Ion Ratio Lower Upper

43 100

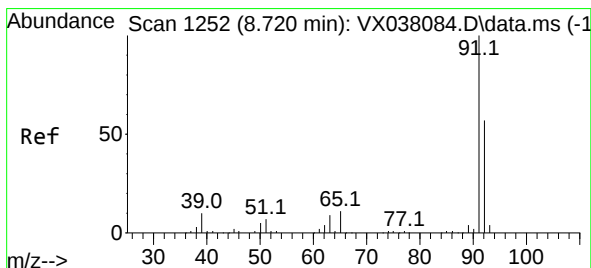
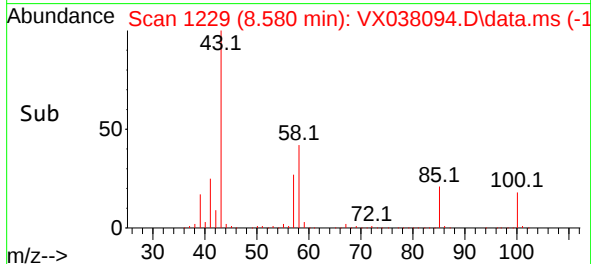
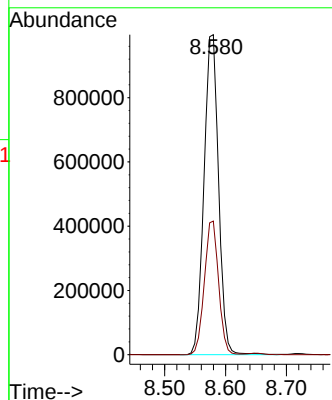
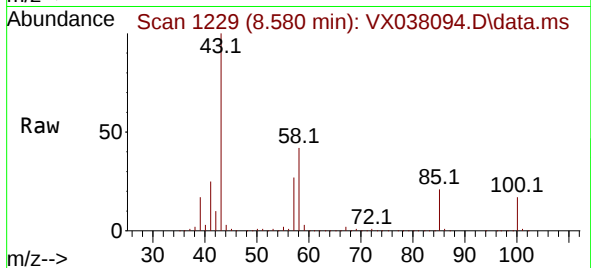
58 40.9 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#52

Toluene

Concen: 102.627 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX038094.D

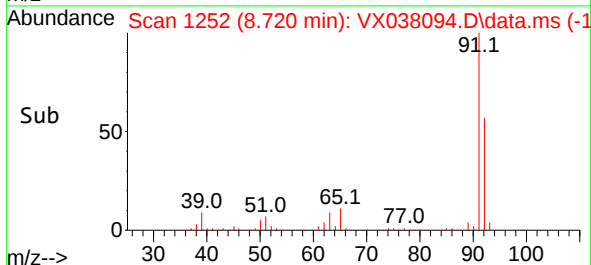
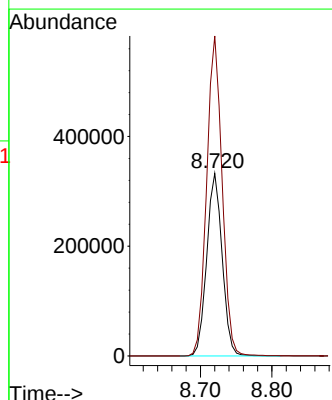
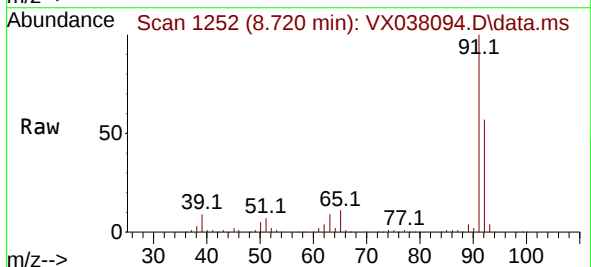
Acq: 05 Oct 2023 11:31

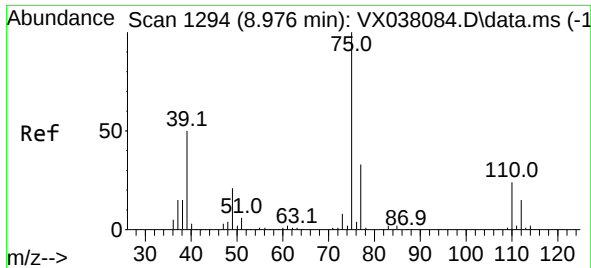
Tgt Ion: 92 Resp: 499131

Ion Ratio Lower Upper

92 100

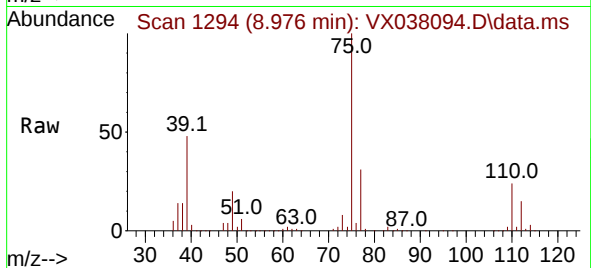
91 175.7 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 113.062 ug/l
 RT: 8.976 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VX038094.D
 Acq: 05 Oct 2023 11:31

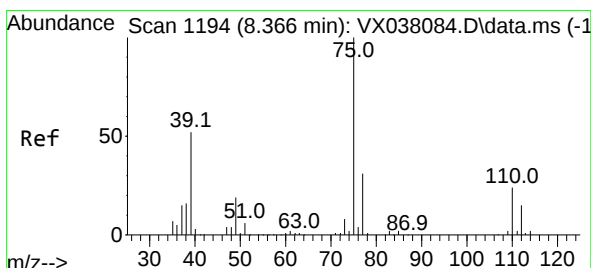
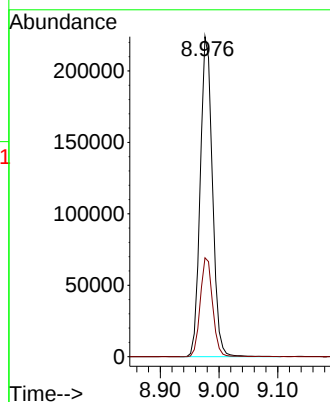
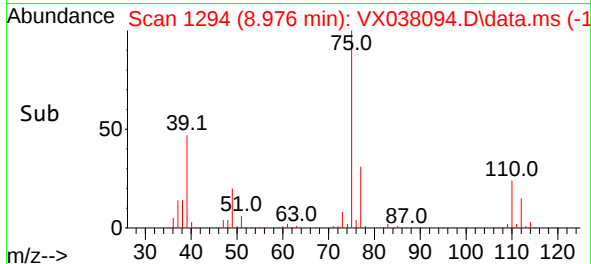
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100



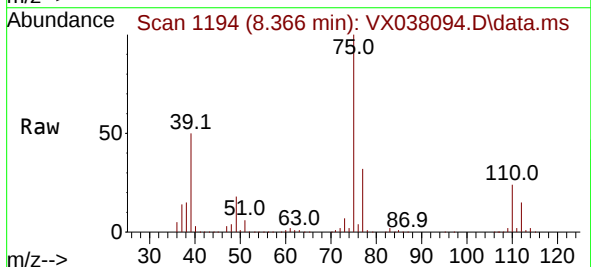
Tgt Ion: 75 Resp: 323572
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.7 38.5

Manual Integrations
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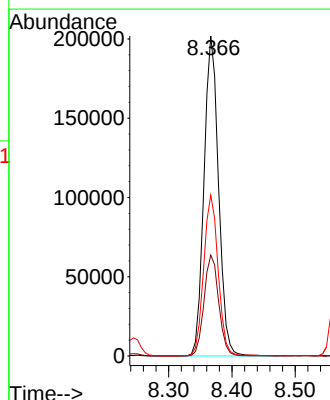
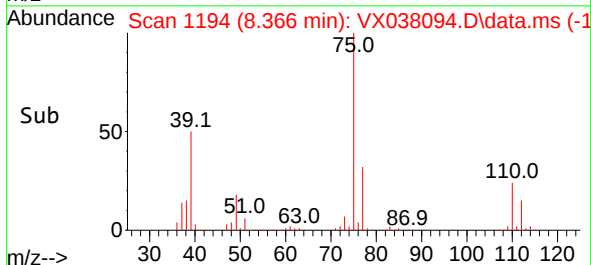
Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/06/2023

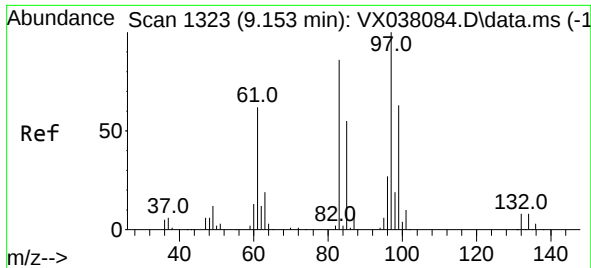


#54
 cis-1,3-Dichloropropene
 Concen: 107.499 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX038094.D
 Acq: 05 Oct 2023 11:31



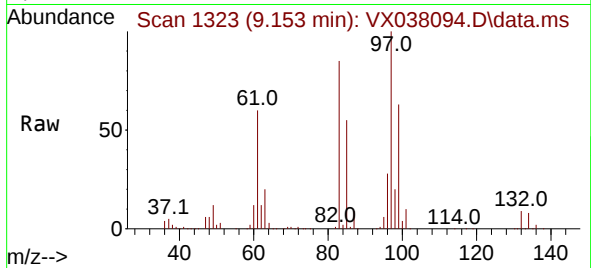
Tgt Ion: 75 Resp: 323231
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9
 39 50.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 101.847 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

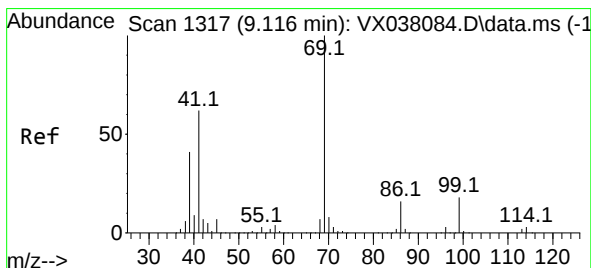
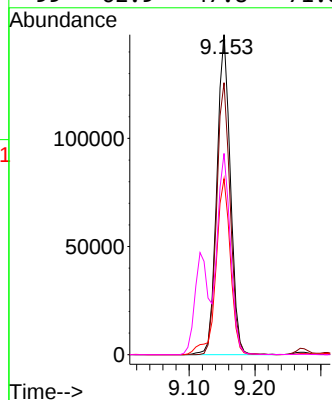
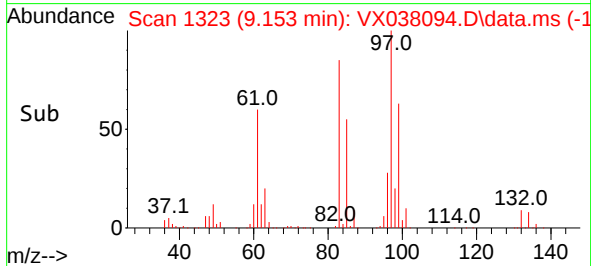


Tgt Ion: 97 Resp: 211870

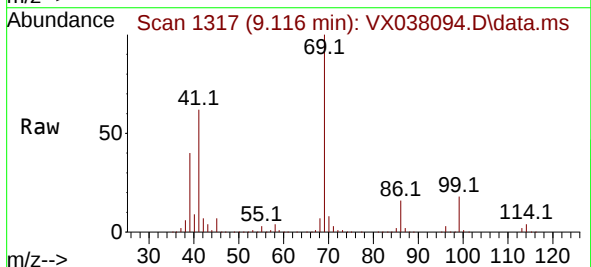
Ion	Ratio	Lower	Upper
97	100		
83	85.0	65.8	98.8
85	55.0	41.6	62.4
99	62.9	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

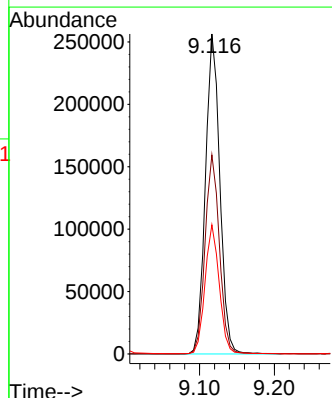
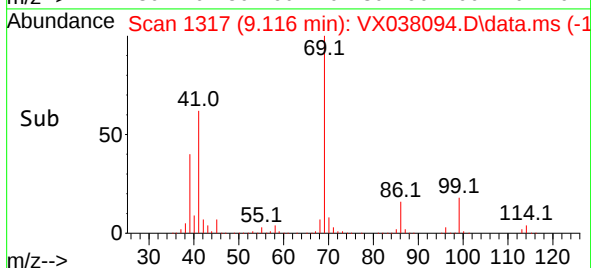


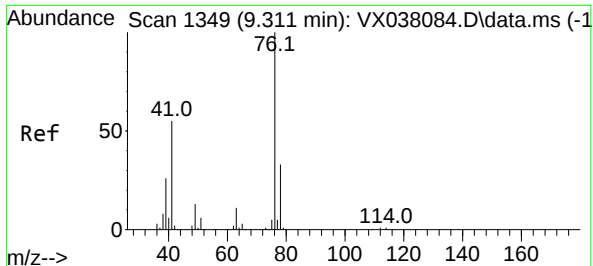
#56
Ethyl methacrylate
Concen: 107.545 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31



Tgt Ion: 69 Resp: 343016

Ion	Ratio	Lower	Upper
69	100		
41	62.1	56.8	85.2
39	40.0	32.0	48.0





#57

1,3-Dichloropropane

Concen: 101.515 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VX038094.D

Acq: 05 Oct 2023 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 341554

Ion Ratio Lower Upper

76 100

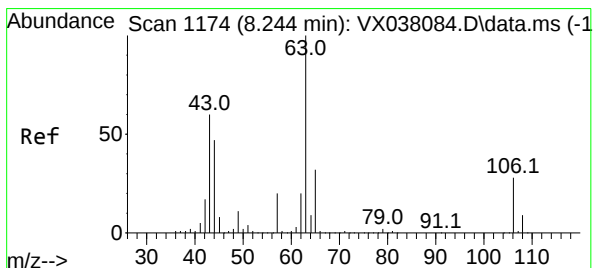
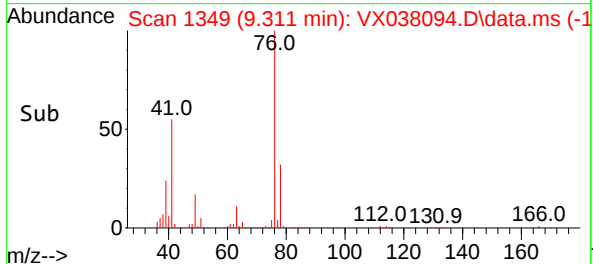
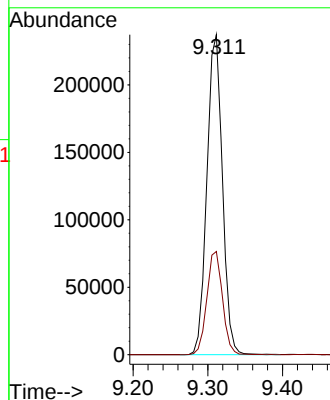
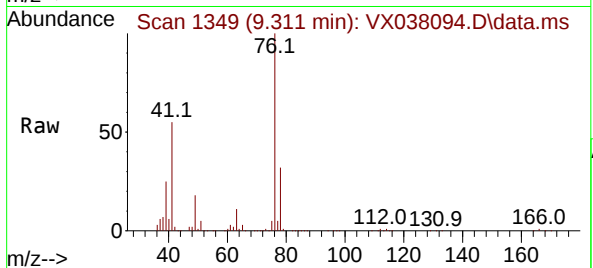
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 514.832 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.001 min

Lab File: VX038094.D

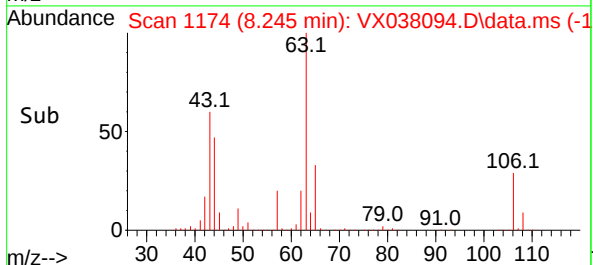
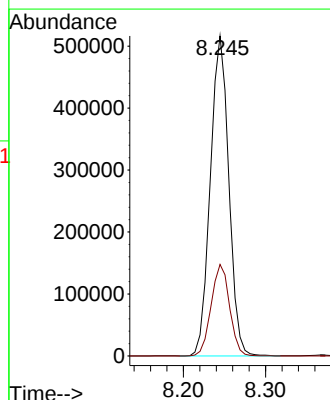
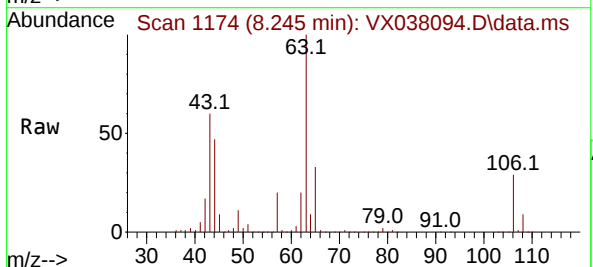
Acq: 05 Oct 2023 11:31

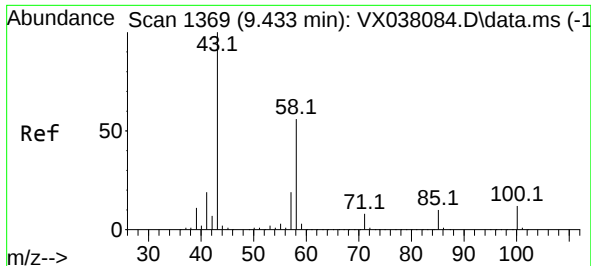
Tgt Ion: 63 Resp: 806022

Ion Ratio Lower Upper

63 100

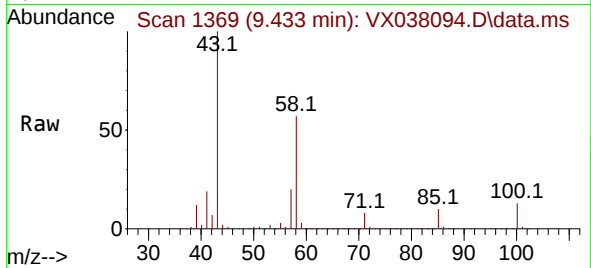
106 28.5 22.5 33.7





#59
2-Hexanone
Concen: 509.762 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

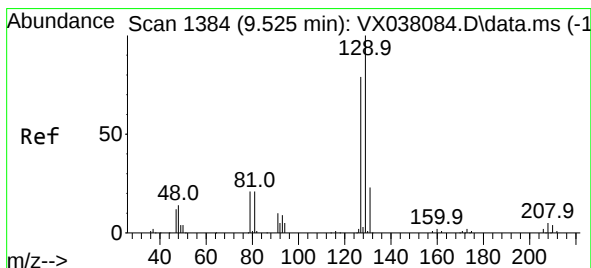
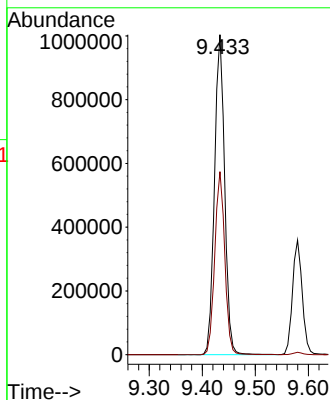
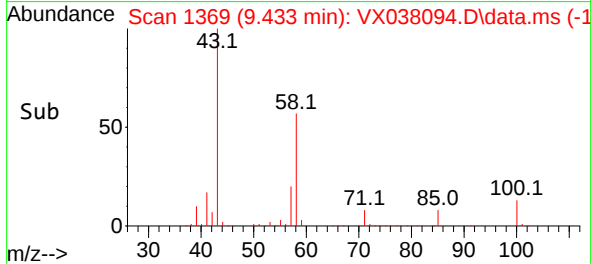
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 1337790
Ion Ratio Lower Upper
43 100
58 56.6 26.2 78.5

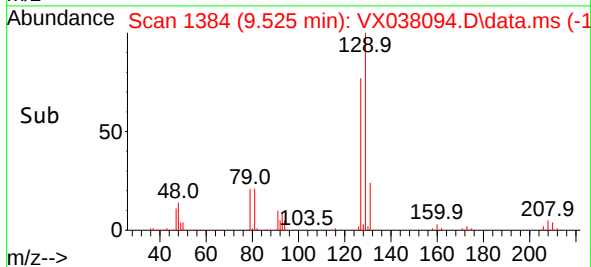
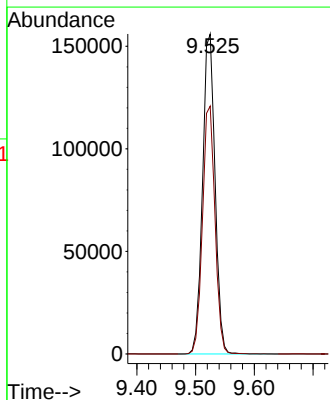
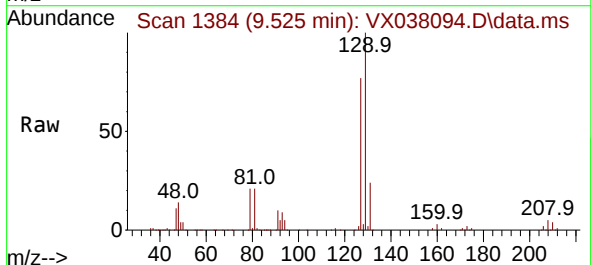
Manual Integrations
APPROVED

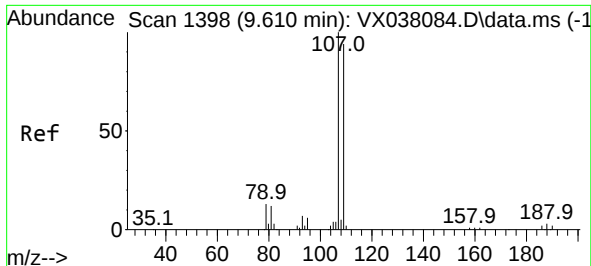
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#60
Dibromochloromethane
Concen: 113.044 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Tgt Ion:129 Resp: 230155
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4





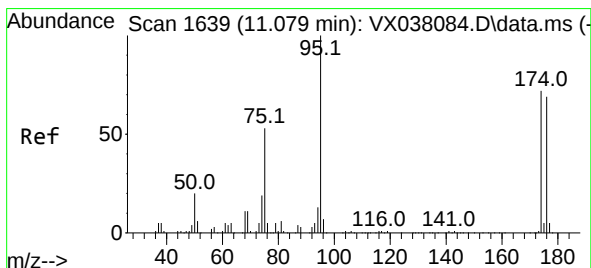
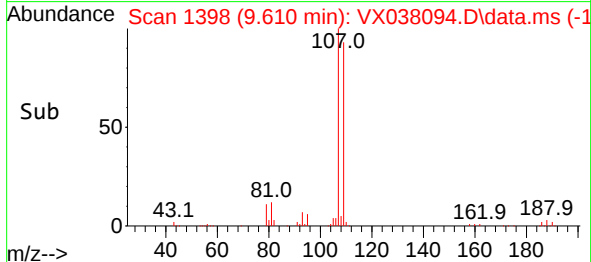
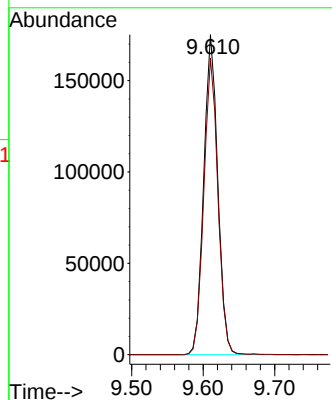
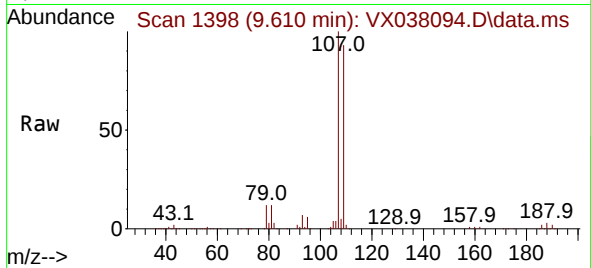
#61
1,2-Dibromoethane
Concen: 106.503 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 239589
Ion Ratio Lower Upper
107 100
109 93.0 75.2 112.8

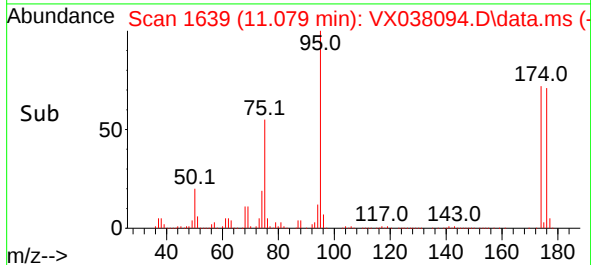
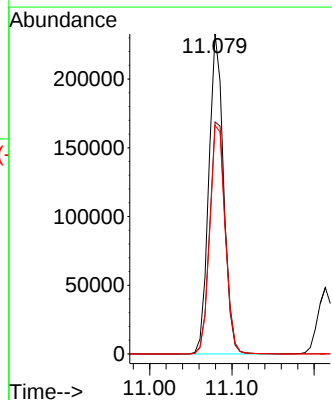
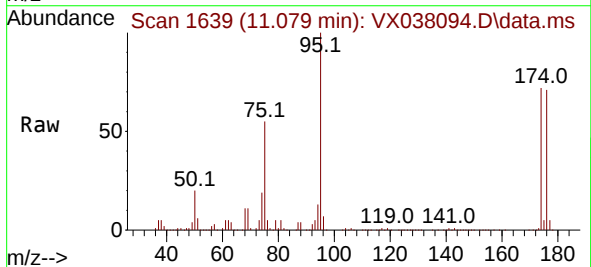
Manual Integrations
APPROVED

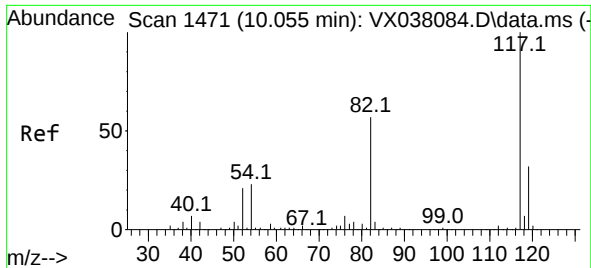
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#62
4-Bromofluorobenzene
Concen: 103.012 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

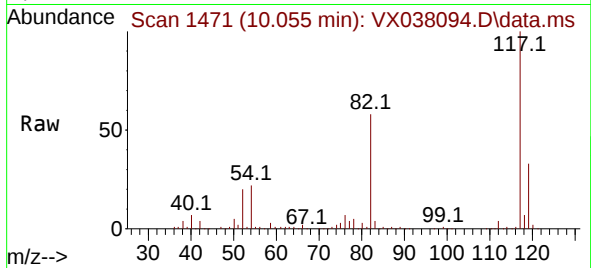
Tgt Ion: 95 Resp: 288878
Ion Ratio Lower Upper
95 100
174 77.0 0.0 135.6
176 74.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

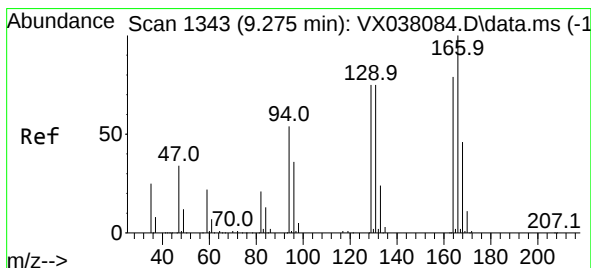
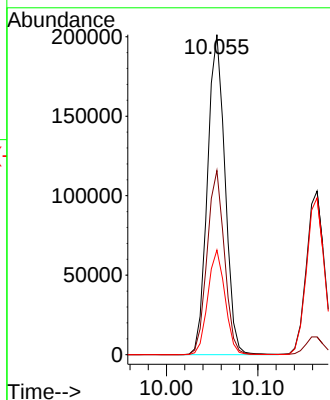
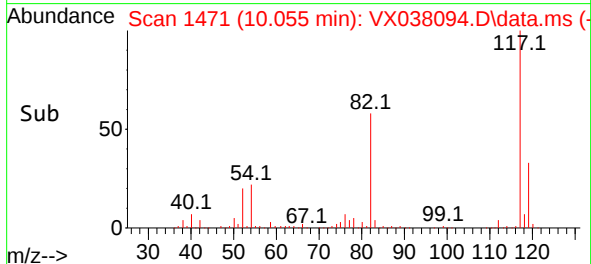
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 267874
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.4
119 32.7 25.5 38.3

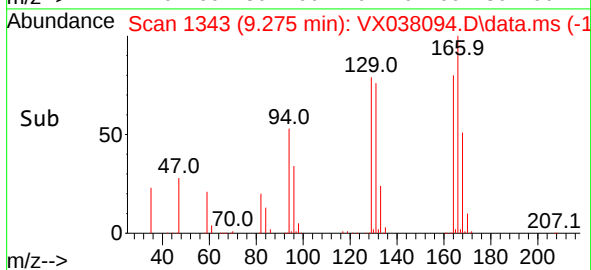
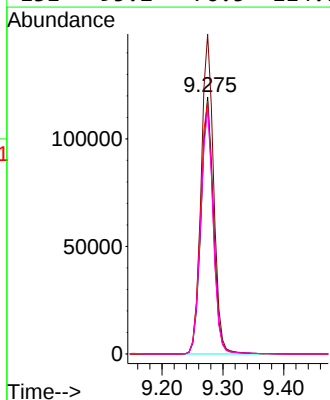
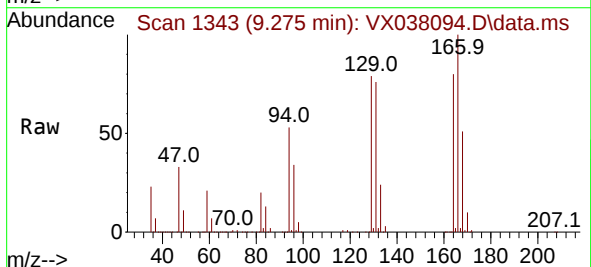
Manual Integrations
APPROVED

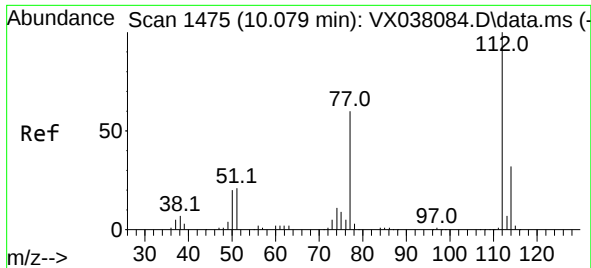
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#64
Tetrachloroethene
Concen: 97.501 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Tgt Ion:164 Resp: 169080
Ion Ratio Lower Upper
164 100
166 124.5 102.7 154.1
129 98.4 80.4 120.6
131 95.2 76.5 114.7





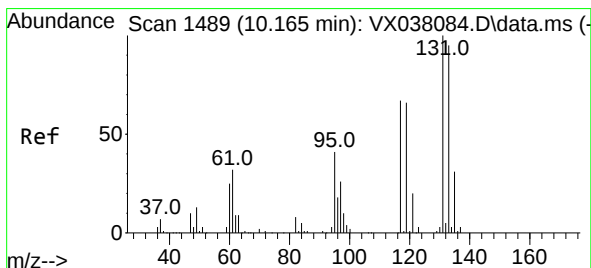
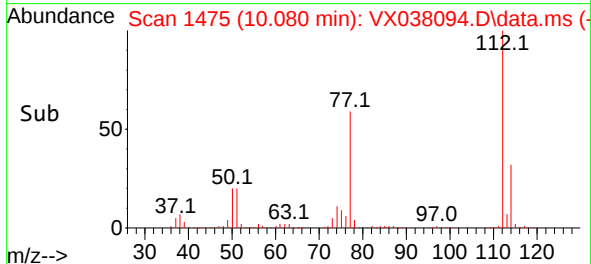
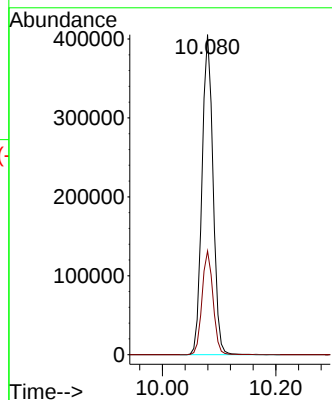
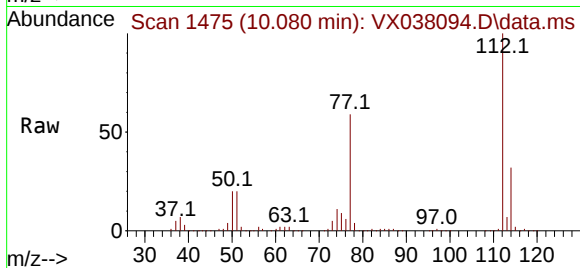
#65
Chlorobenzene
Concen: 97.481 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 546418
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

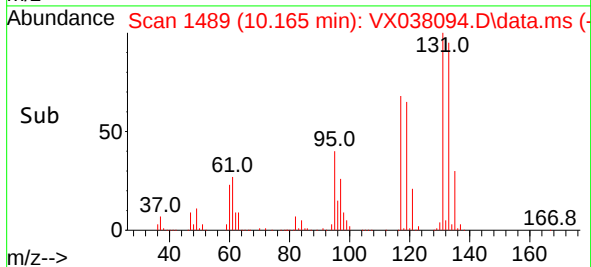
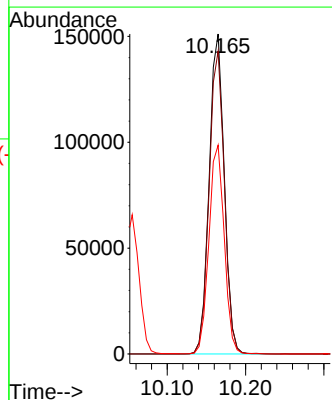
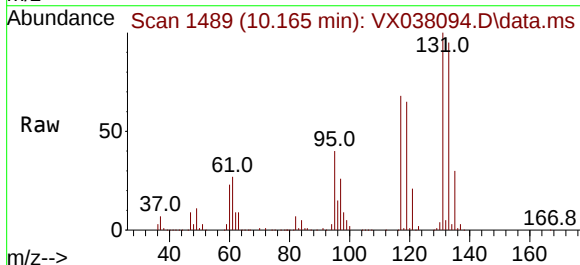
Manual Integrations
APPROVED

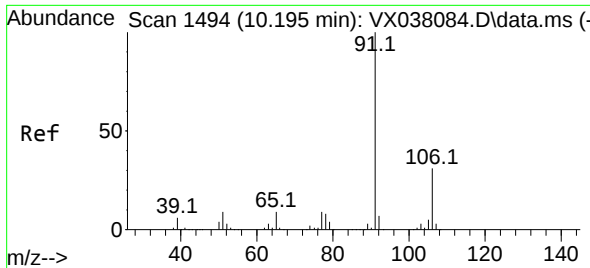
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 106.874 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

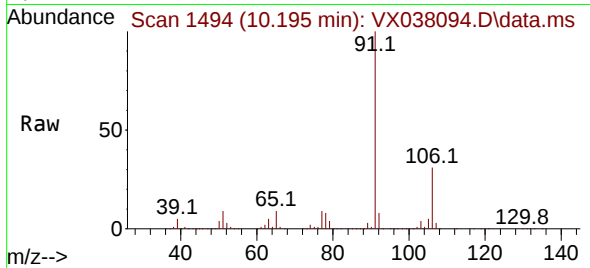
Tgt Ion:131 Resp: 202578
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.4
119 66.1 32.2 96.6





#67
Ethyl Benzene
Concen: 99.865 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

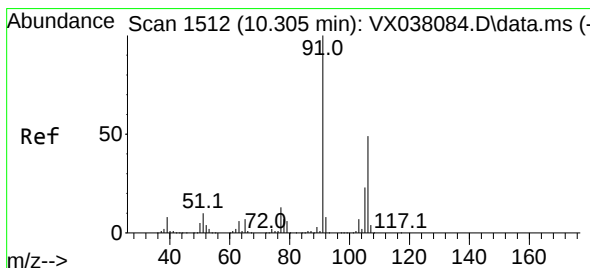
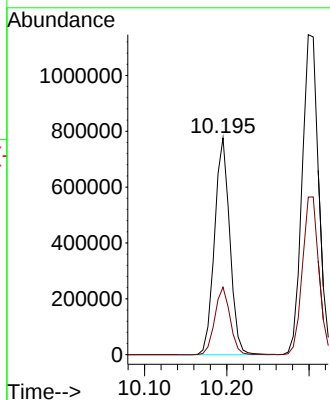
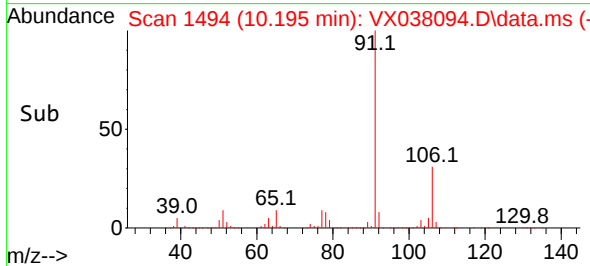
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



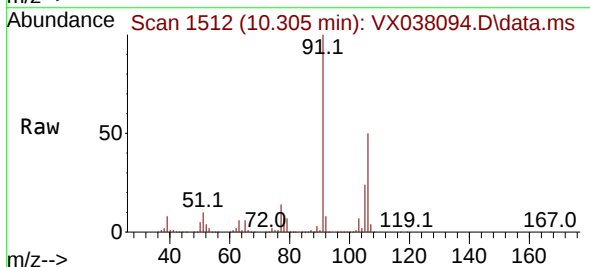
Tgt Ion: 91 Resp: 999205
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

Manual Integrations
APPROVED

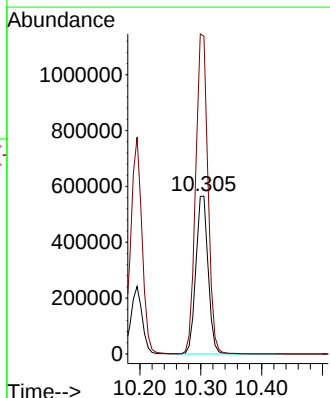
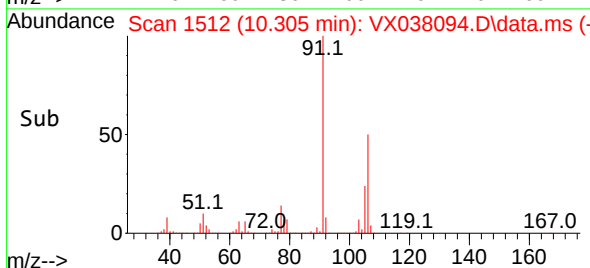
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

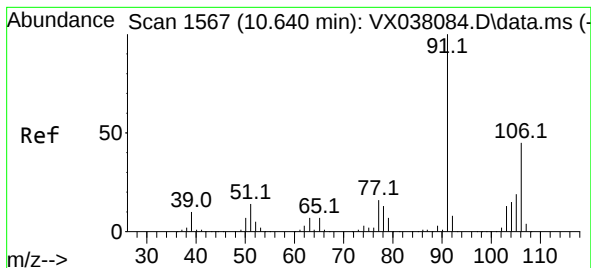


#68
m/p-Xylenes
Concen: 203.306 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31



Tgt Ion:106 Resp: 786549
Ion Ratio Lower Upper
106 100
91 203.4 165.5 248.3





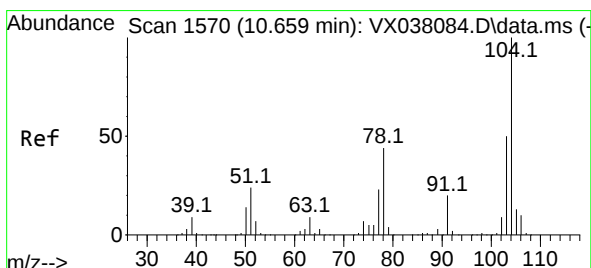
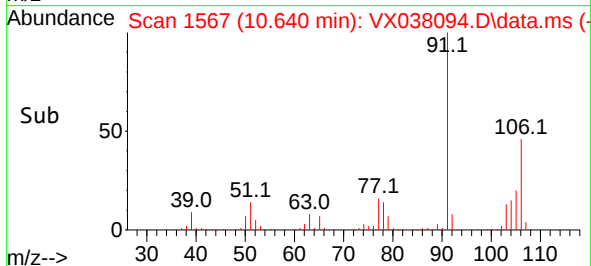
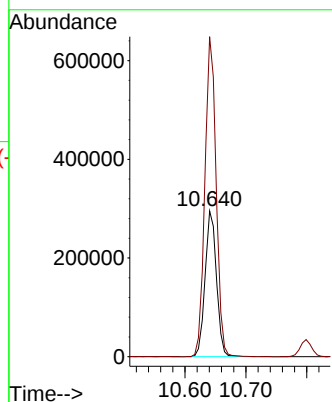
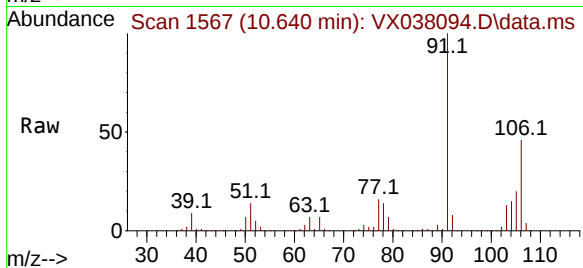
#69
o-Xylene
Concen: 101.693 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 383984
Ion Ratio Lower Upper
106 100
91 217.0 108.9 326.8

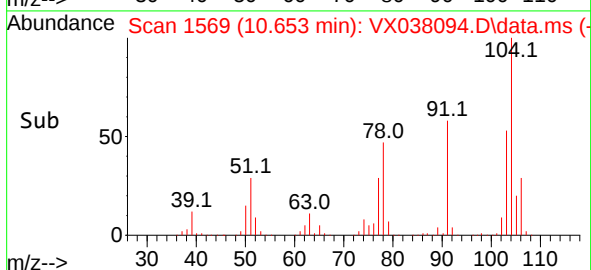
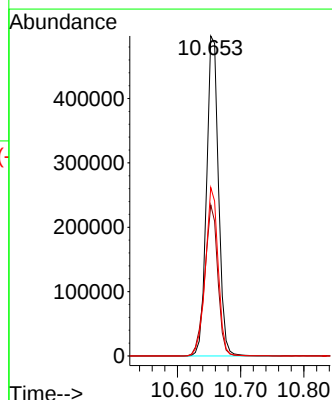
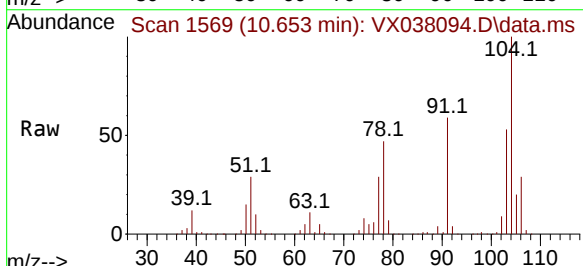
Manual Integrations
APPROVED

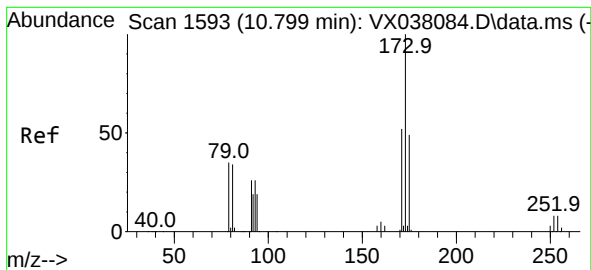
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#70
Styrene
Concen: 106.699 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

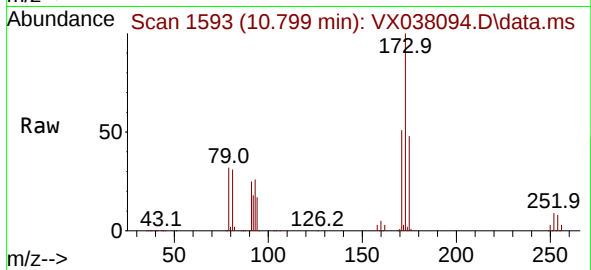
Tgt Ion:104 Resp: 656112
Ion Ratio Lower Upper
104 100
78 51.4 43.6 65.4
103 56.0 43.6 65.4





#71
Bromoform
Concen: 97.406 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

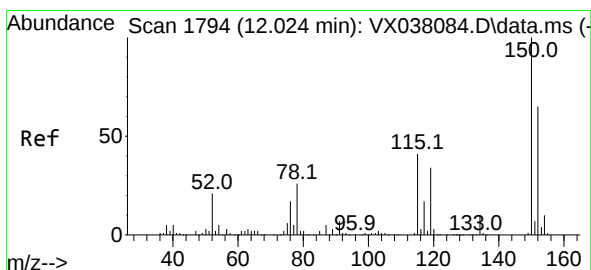
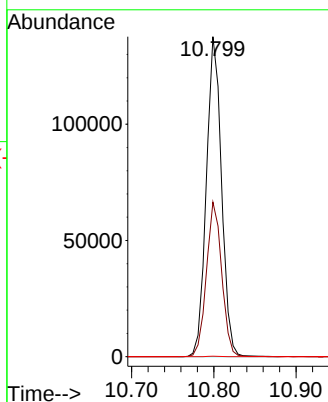
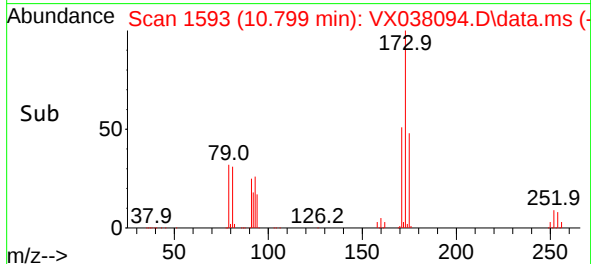
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



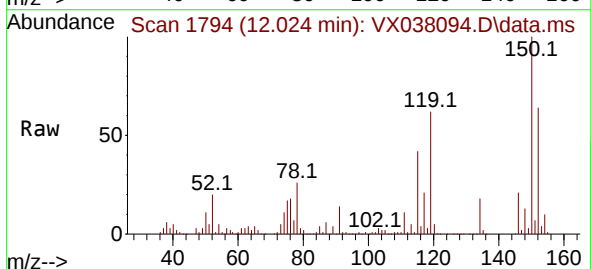
Tgt Ion:173 Resp: 176342
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

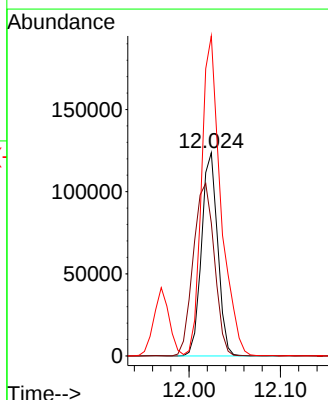
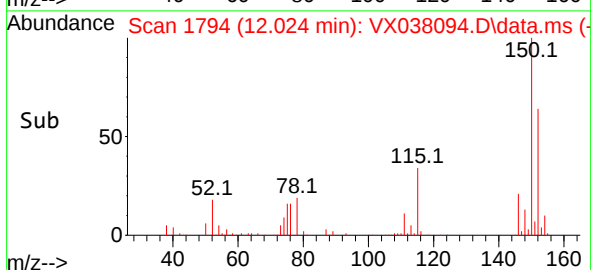
Reviewed By :John Carbone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

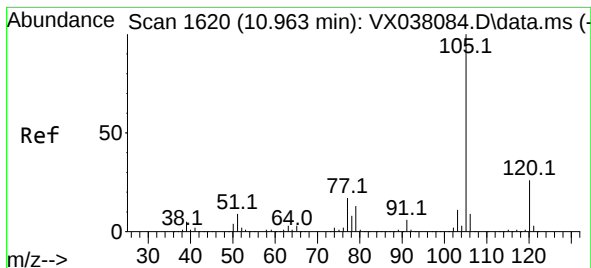


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31



Tgt Ion:152 Resp: 151270
Ion Ratio Lower Upper
152 100
115 111.2 43.3 129.9
150 188.0 0.0 345.0





#73

Isopropylbenzene

Concen: 99.876 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038094.D

Acq: 05 Oct 2023 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:105 Resp: 1013200

Ion Ratio Lower Upper

105 100

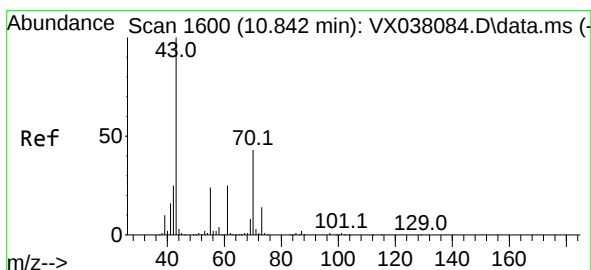
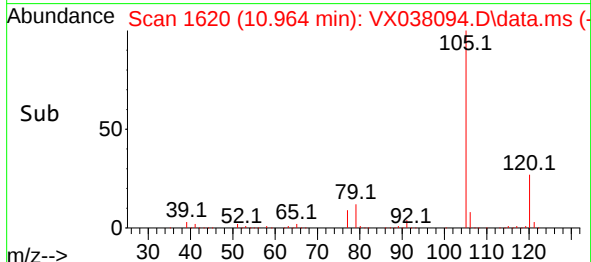
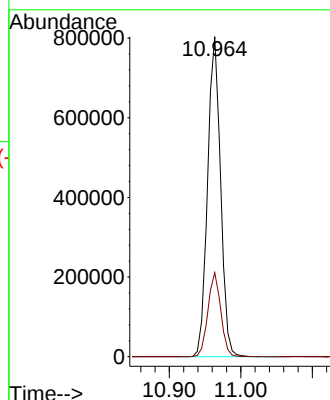
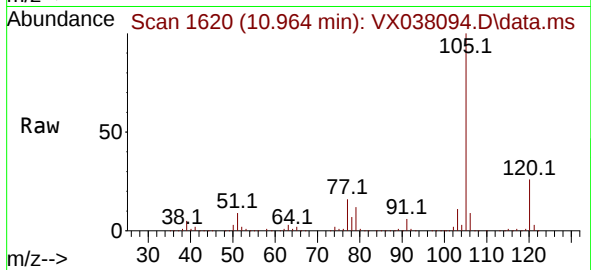
120 26.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#74

N-ethyl acetate

Concen: 104.072 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX038094.D

Acq: 05 Oct 2023 11:31

Tgt Ion: 43 Resp: 450853

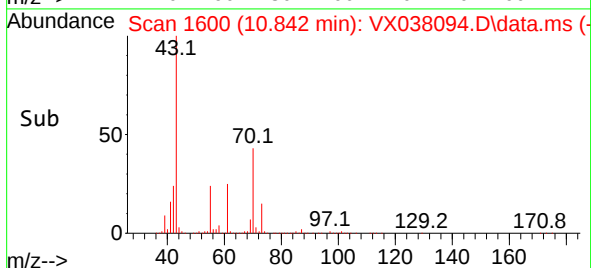
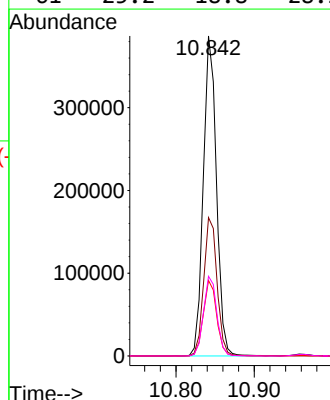
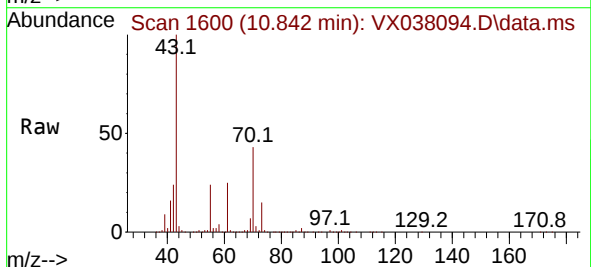
Ion Ratio Lower Upper

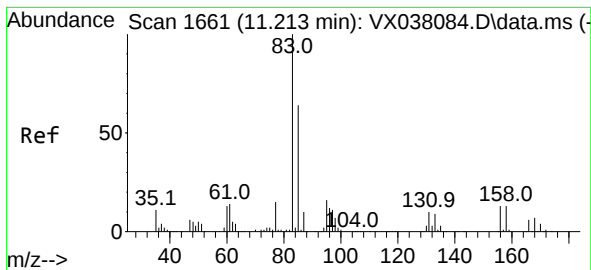
43 100

70 43.9 32.9 49.3

55 24.0 19.3 28.9

61 25.2 18.8 28.2





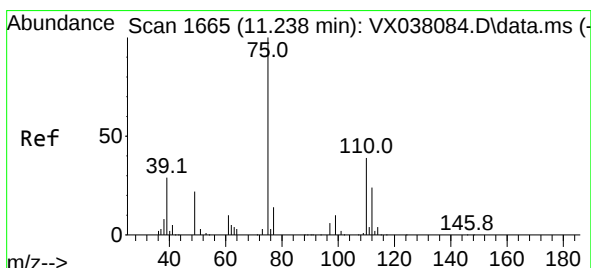
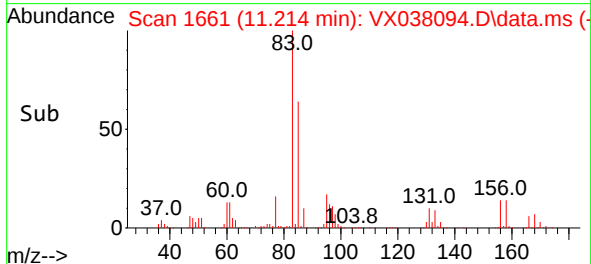
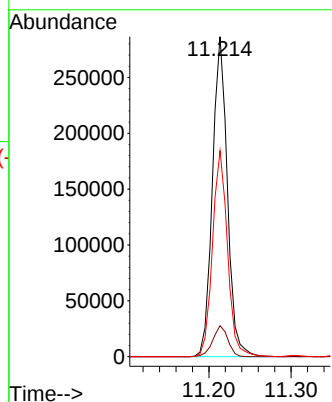
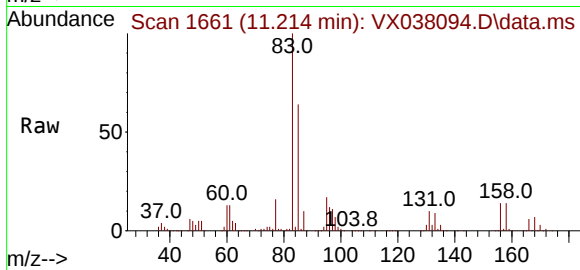
#75
1,1,2,2-Tetrachloroethane
Concen: 97.267 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 362075
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 64.8 32.0 96.2

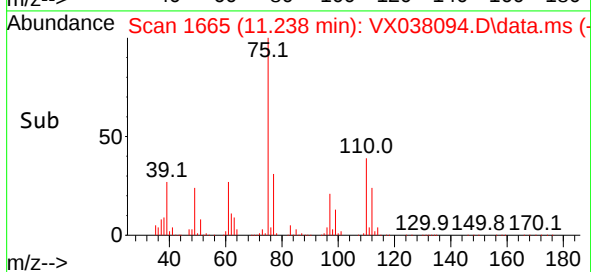
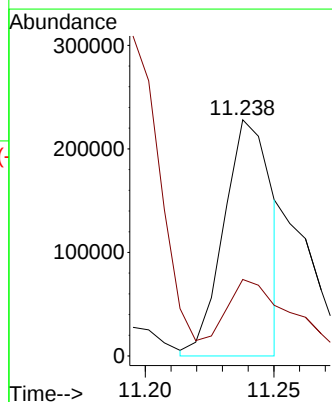
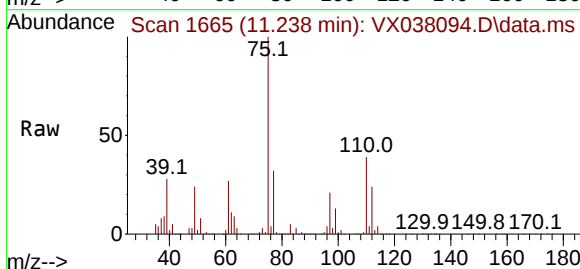
Manual Integrations
APPROVED

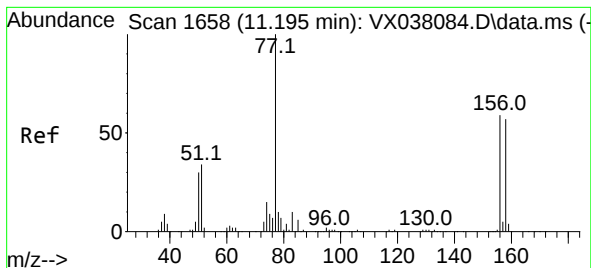
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#76
1,2,3-Trichloropropane
Concen: 85.955 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Tgt Ion: 75 Resp: 295593
Ion Ratio Lower Upper
75 100
77 45.3 19.1 57.5





#77

Bromobenzene

Concen: 97.804 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038094.D

Acq: 05 Oct 2023 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

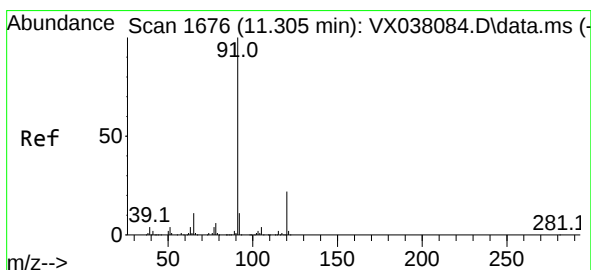
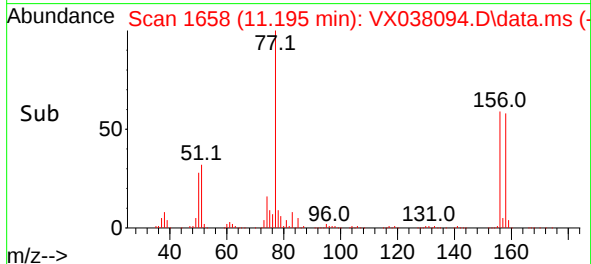
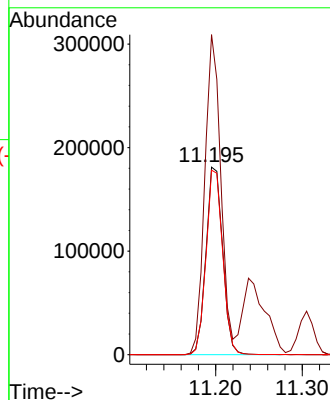
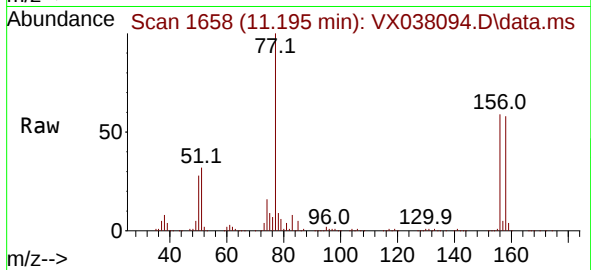
Tgt Ion:156 Resp: 242234
 Ion Ratio Lower Upper
 156 100
 77 163.5 88.4 265.3
 158 98.2 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#78

n-propylbenzene

Concen: 97.792 ug/l

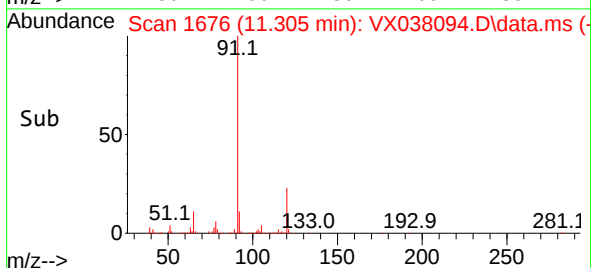
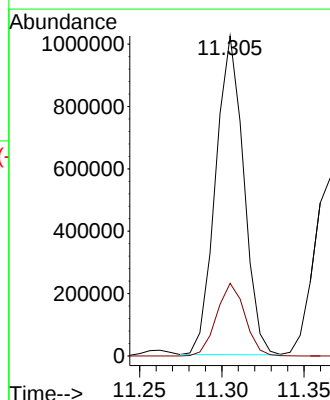
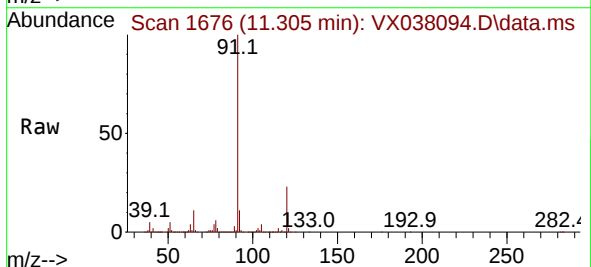
RT: 11.305 min Scan# 1676

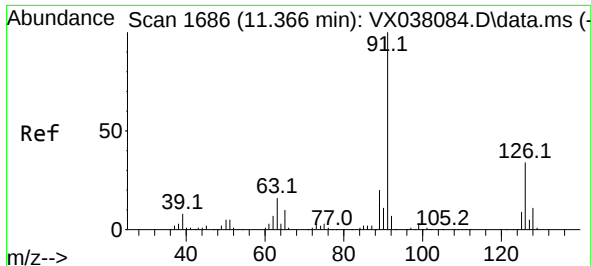
Delta R.T. 0.000 min

Lab File: VX038094.D

Acq: 05 Oct 2023 11:31

Tgt Ion: 91 Resp: 1213045
 Ion Ratio Lower Upper
 91 100
 120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 97.037 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038094.D

Acq: 05 Oct 2023 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 71384

Ion Ratio Lower Upper

91 100

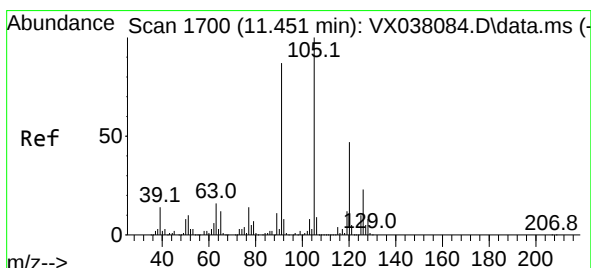
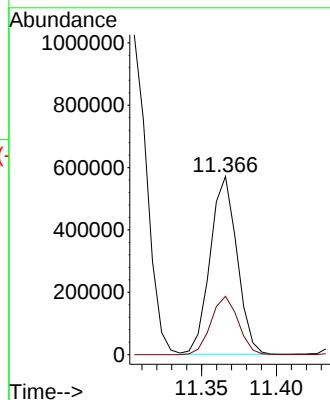
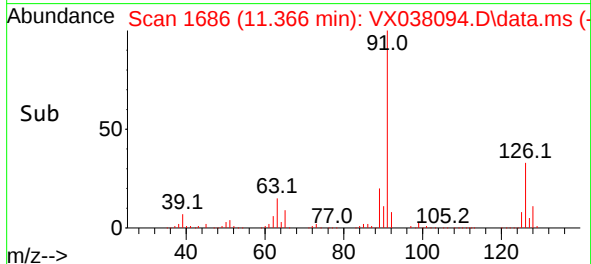
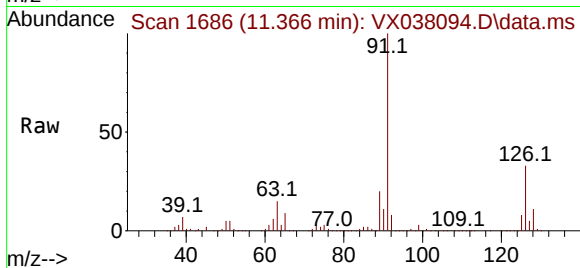
126 33.3 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#80

1,3,5-Trimethylbenzene

Concen: 101.604 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038094.D

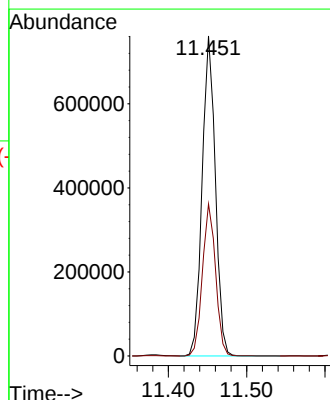
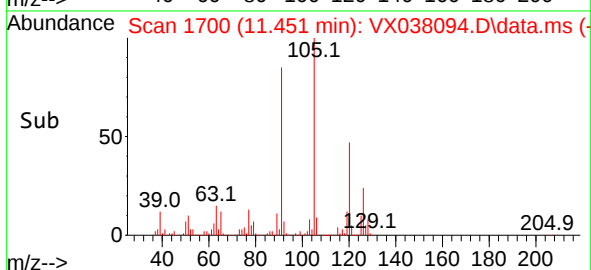
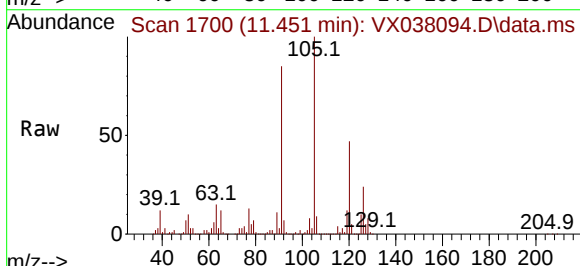
Acq: 05 Oct 2023 11:31

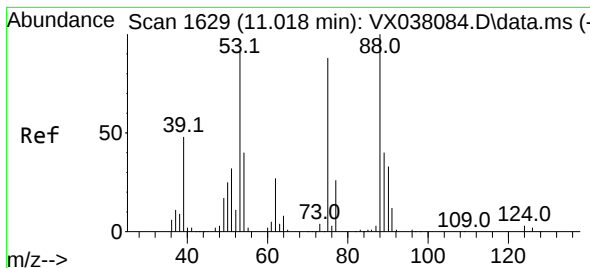
Tgt Ion:105 Resp: 889257

Ion Ratio Lower Upper

105 100

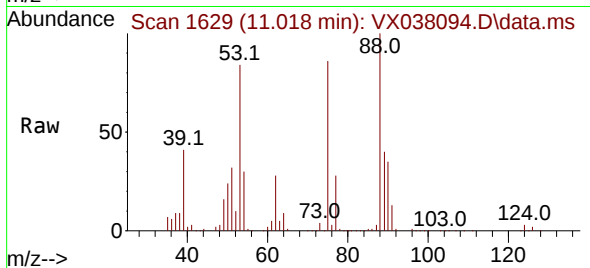
120 47.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 97.118 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

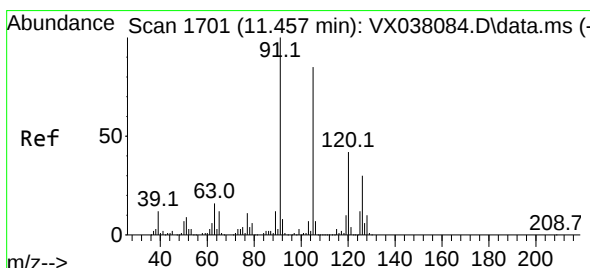
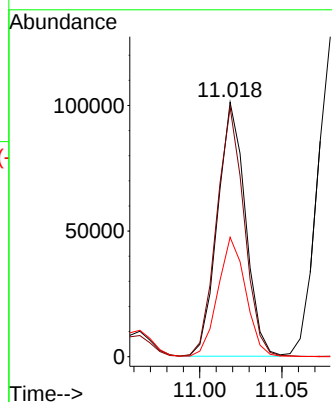
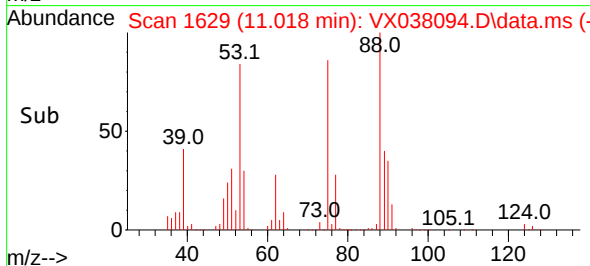
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 119250
Ion Ratio Lower Upper
75 100
53 97.0 90.5 135.7
89 47.0 36.9 55.3

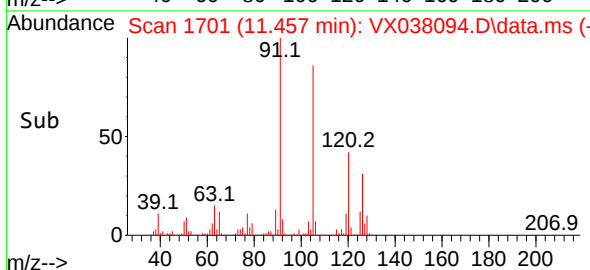
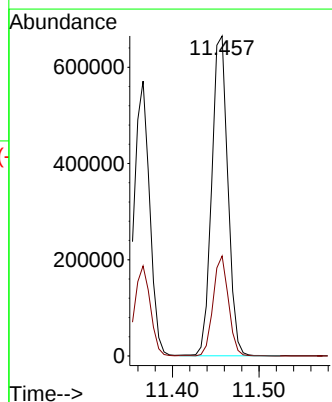
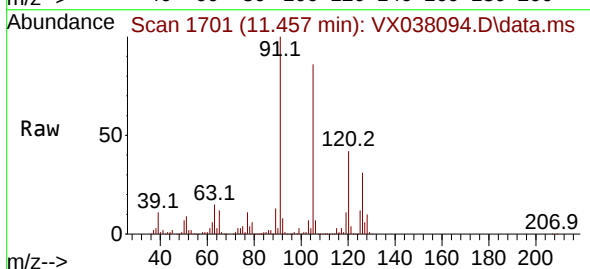
Manual Integrations
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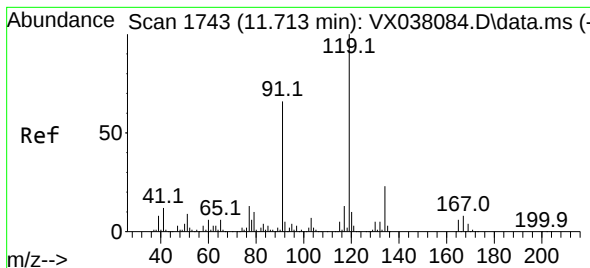
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#82
4-Chlorotoluene
Concen: 98.635 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

Tgt Ion: 91 Resp: 858617
Ion Ratio Lower Upper
91 100
126 29.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 103.116 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038094.D

Acq: 05 Oct 2023 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:119 Resp: 88184

Ion Ratio Lower Upper

119 100

91 59.2 31.2 93.6

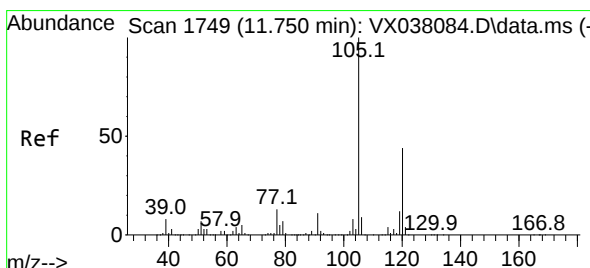
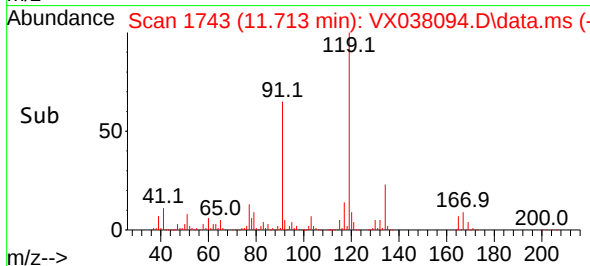
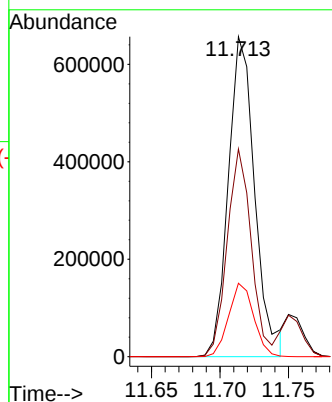
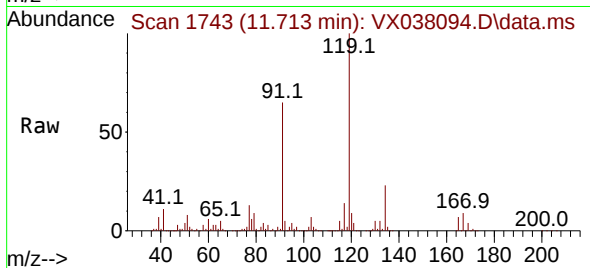
134 21.8 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#84

1,2,4-Trimethylbenzene

Concen: 101.277 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038094.D

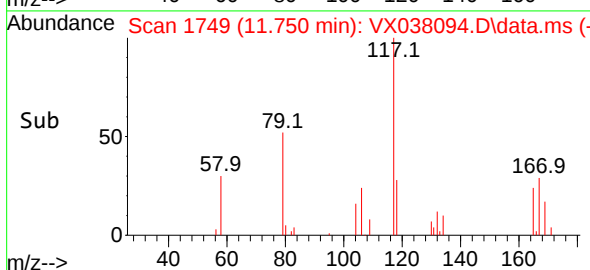
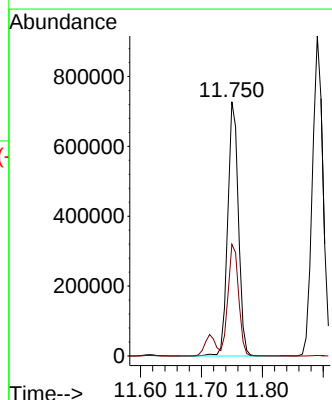
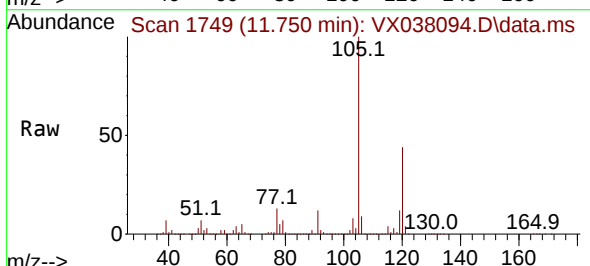
Acq: 05 Oct 2023 11:31

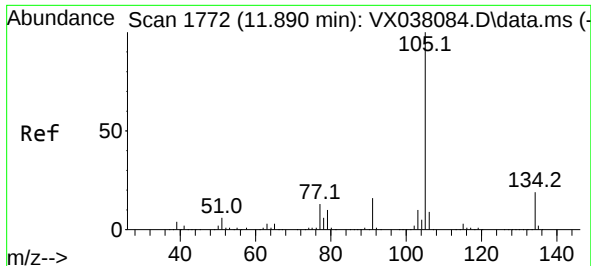
Tgt Ion:105 Resp: 883778

Ion Ratio Lower Upper

105 100

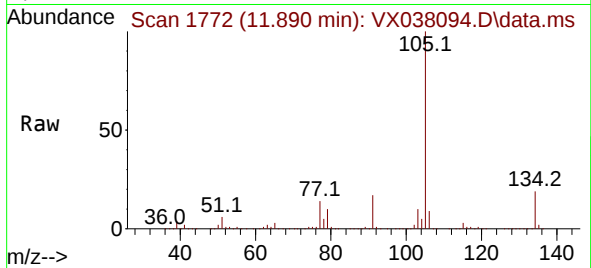
120 43.5 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 99.889 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038094.D
 Acq: 05 Oct 2023 11:31

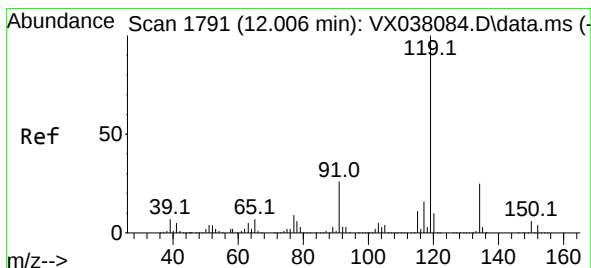
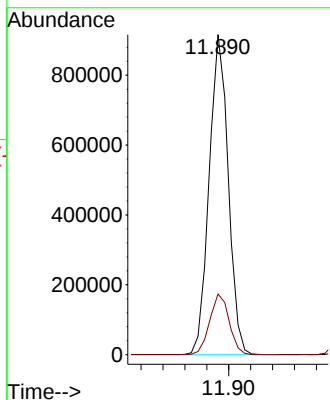
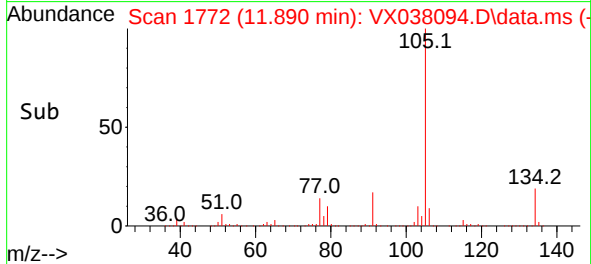
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



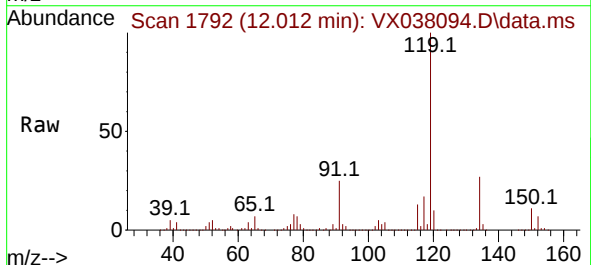
Tgt Ion:105 Resp: 1106570
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

Manual Integrations
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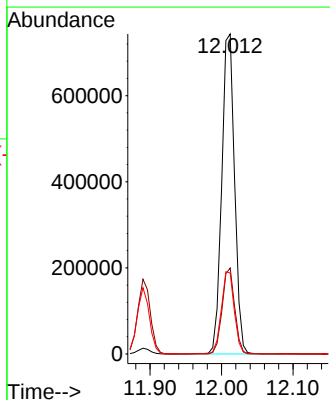
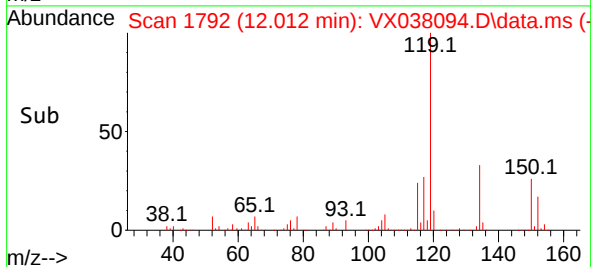
Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/06/2023

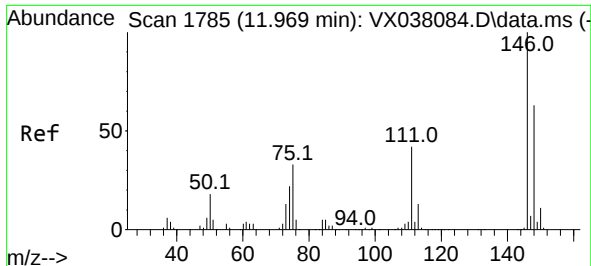


#86
 p-Isopropyltoluene
 Concen: 101.538 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038094.D
 Acq: 05 Oct 2023 11:31



Tgt Ion:119 Resp: 928060
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 25.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 95.646 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038094.D

Acq: 05 Oct 2023 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 475800

Ion Ratio Lower Upper

146 100

111 41.5 22.1 66.1

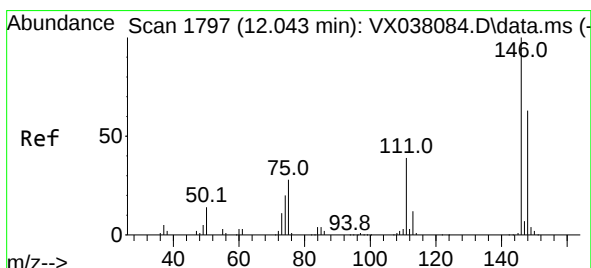
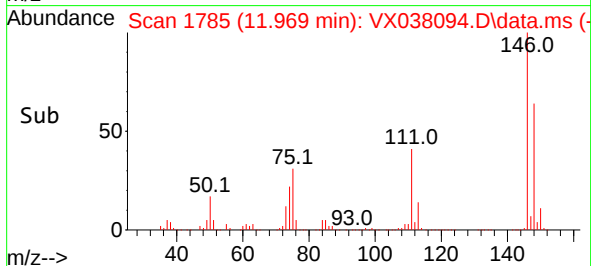
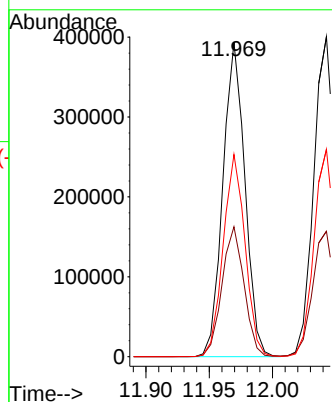
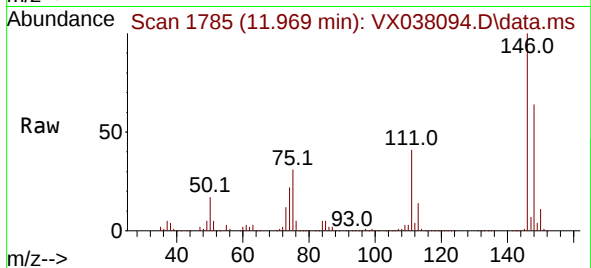
148 63.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#88

1,4-Dichlorobenzene

Concen: 95.909 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038094.D

Acq: 05 Oct 2023 11:31

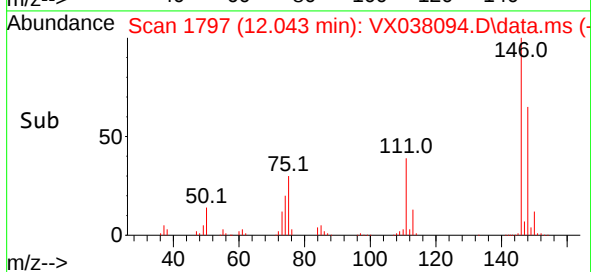
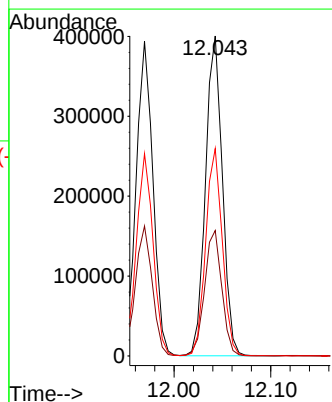
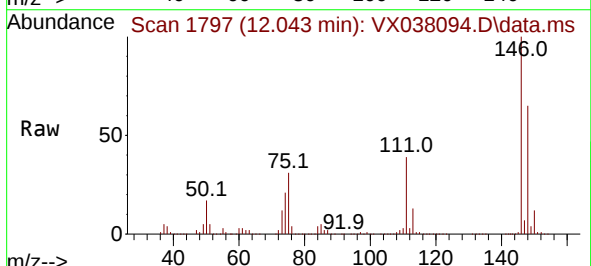
Tgt Ion:146 Resp: 487095

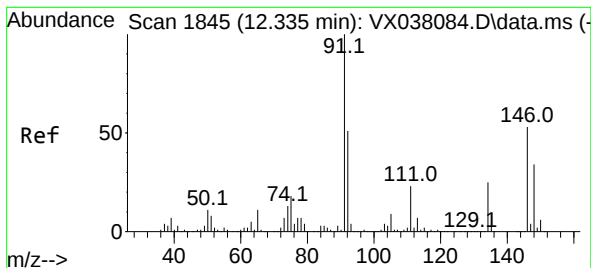
Ion Ratio Lower Upper

146 100

111 40.0 21.3 63.7

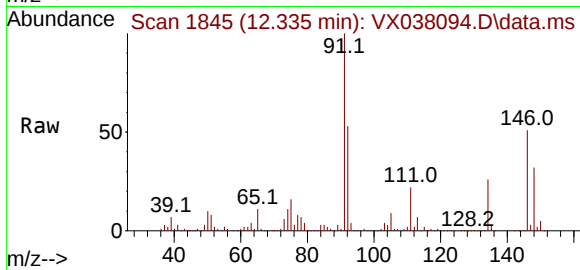
148 63.9 31.8 95.4





#89
n-Butylbenzene
Concen: 101.110 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

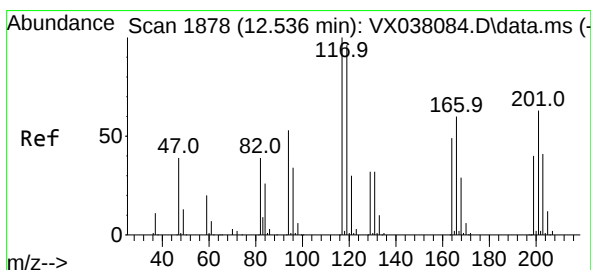
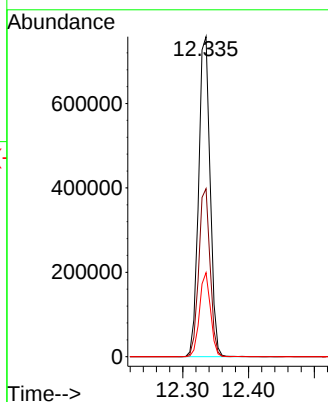
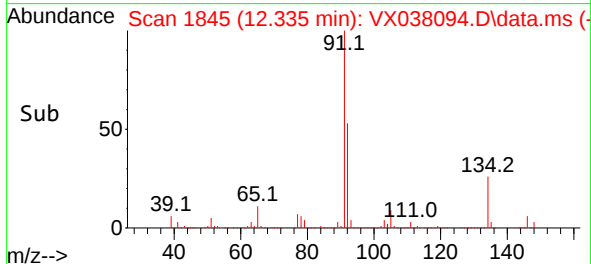
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 92037
Ion Ratio Lower Upper
91 100
92 51.9 27.4 82.0
134 25.1 12.6 37.8

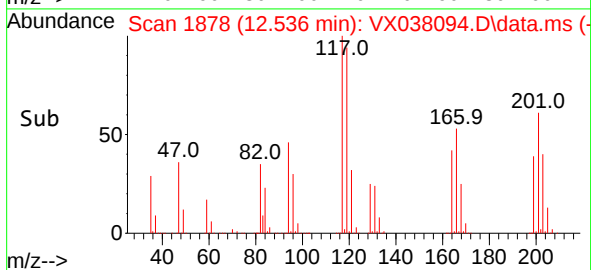
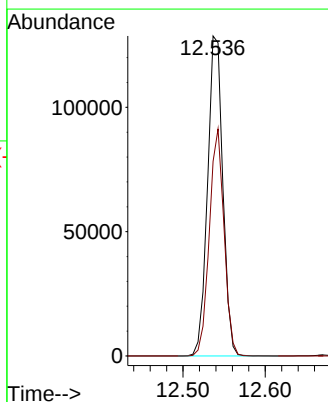
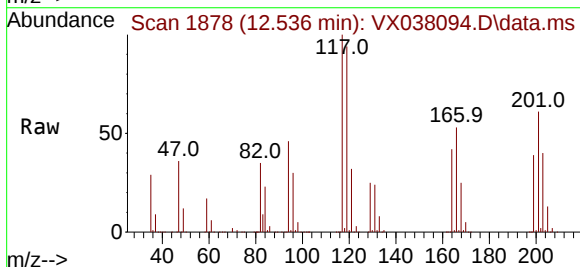
Manual Integrations
APPROVED

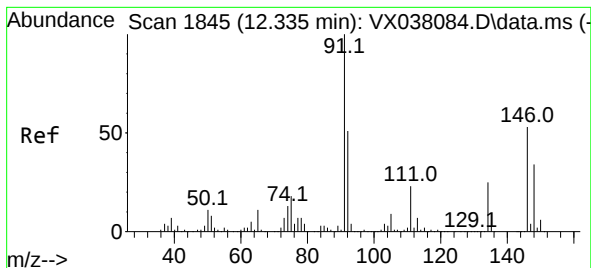
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#90
Hexachloroethane
Concen: 109.520 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

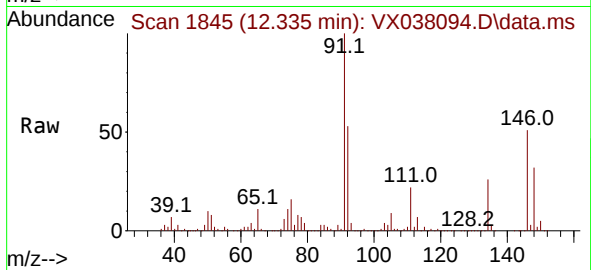
Tgt Ion:117 Resp: 165970
Ion Ratio Lower Upper
117 100
201 68.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 96.267 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

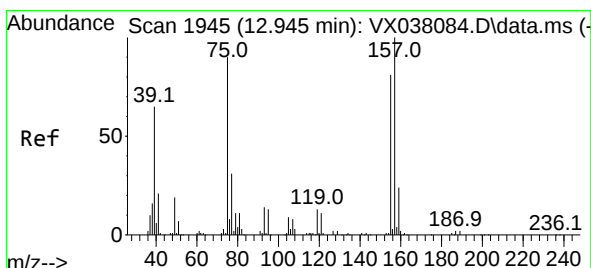
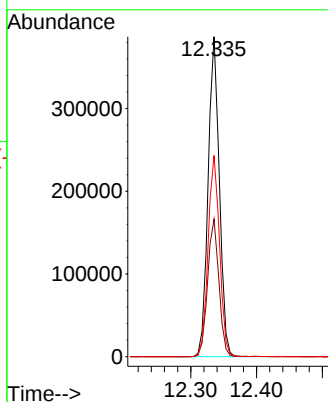
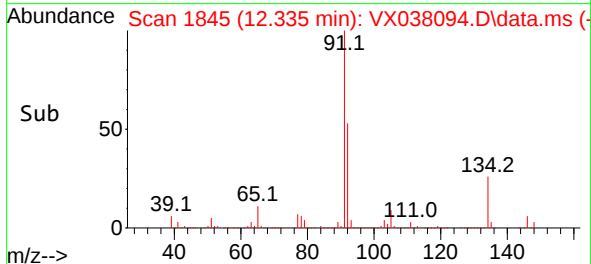
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



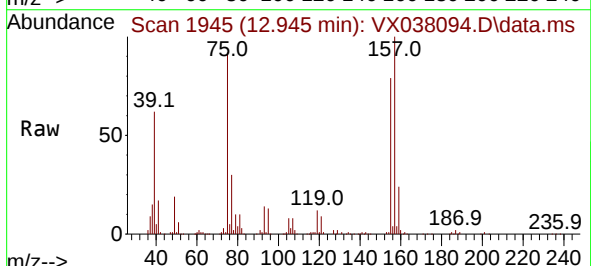
Tgt Ion:146 Resp: 46032
Ion Ratio Lower Upper
146 100
111 43.2 22.4 67.0
148 64.1 31.6 95.0

Manual Integrations
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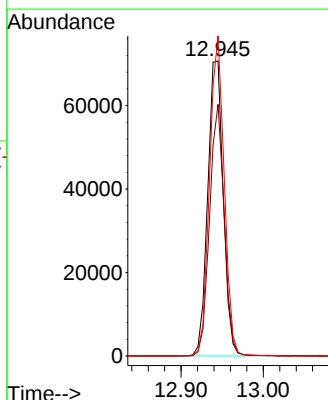
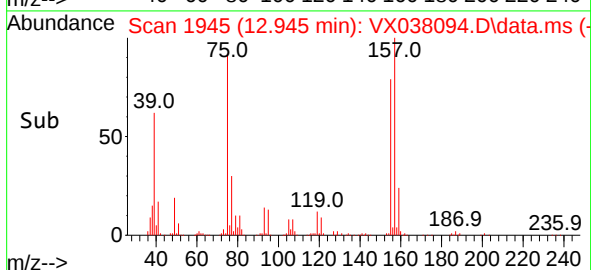
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

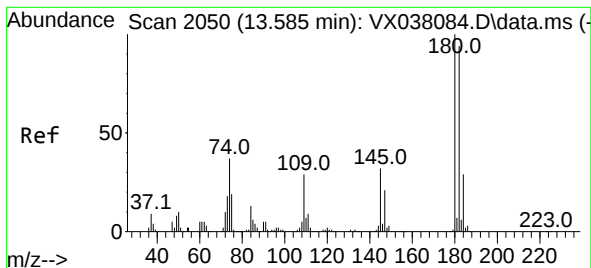


#92
1,2-Dibromo-3-Chloropropane
Concen: 103.266 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31



Tgt Ion: 75 Resp: 92942
Ion Ratio Lower Upper
75 100
155 80.2 36.1 108.5
157 102.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 96.421 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038094.D

Acq: 05 Oct 2023 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 30924

Ion Ratio Lower Upper

180 100

182 95.3 48.3 144.8

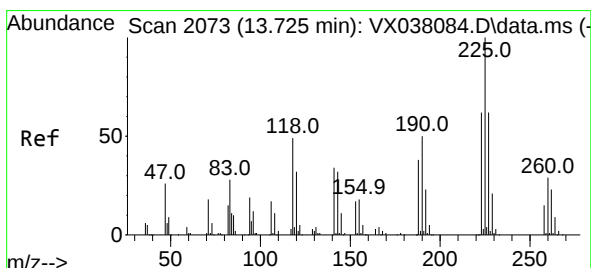
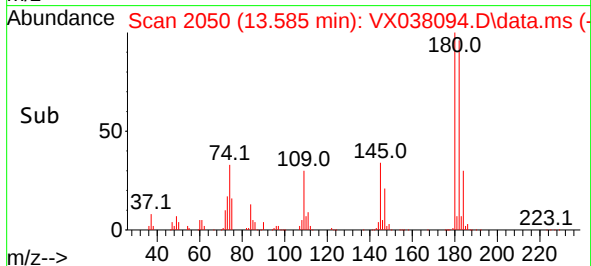
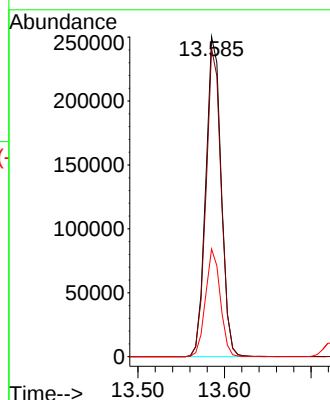
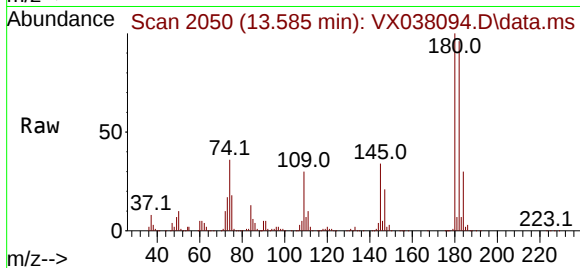
145 32.3 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#94

Hexachlorobutadiene

Concen: 94.469 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038094.D

Acq: 05 Oct 2023 11:31

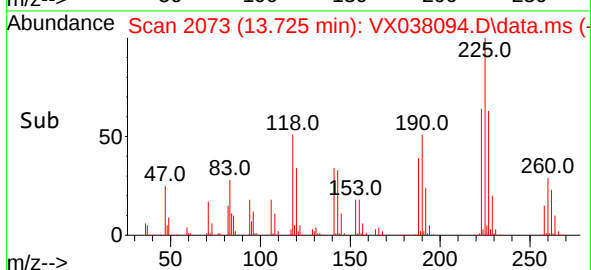
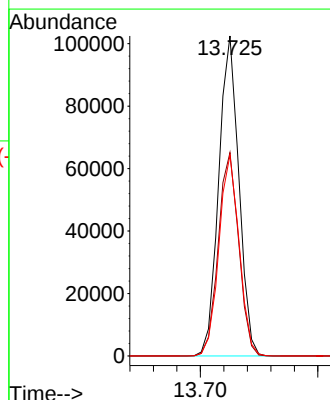
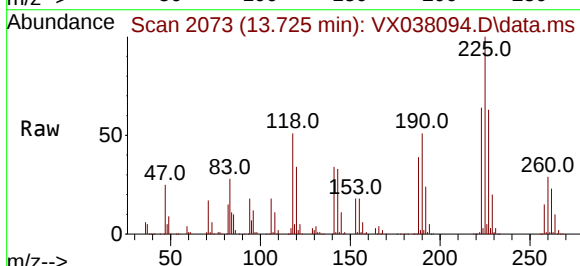
Tgt Ion:225 Resp: 121945

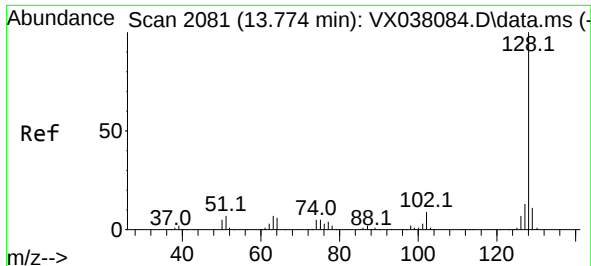
Ion Ratio Lower Upper

225 100

223 64.4 31.1 93.2

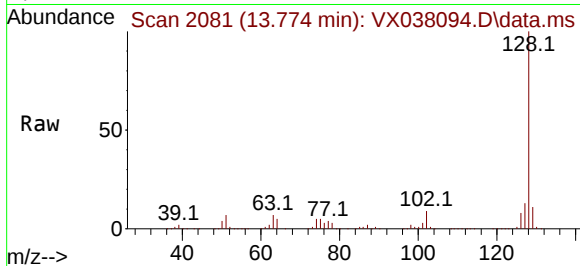
227 63.1 32.5 97.5





#95
Naphthalene
Concen: 97.758 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31

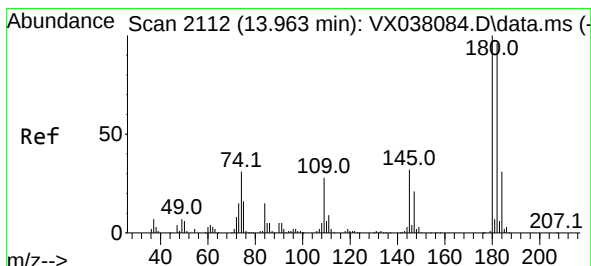
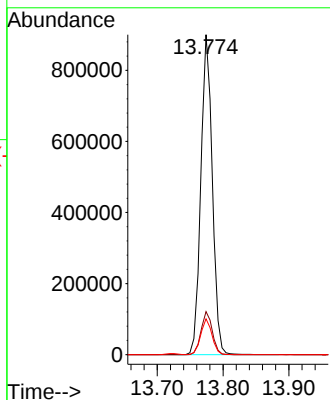
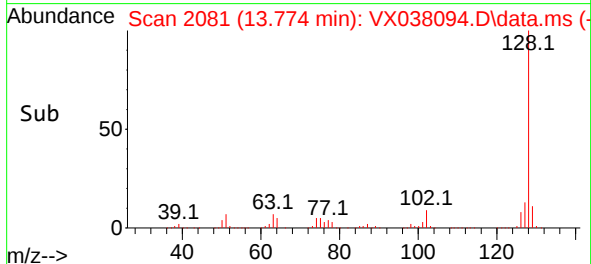
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



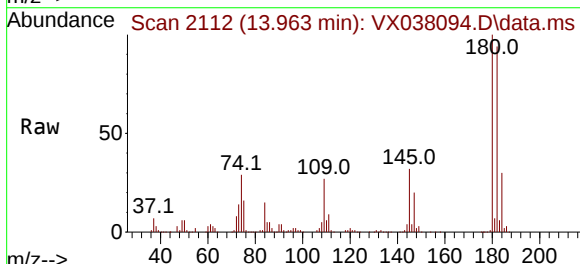
Tgt Ion:128 Resp: 109185
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 98.817 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038094.D
Acq: 05 Oct 2023 11:31



Tgt Ion:180 Resp: 306869
Ion Ratio Lower Upper
180 100
182 94.1 46.9 140.6
145 33.4 17.8 53.5

