

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038148.D
 Acq On : 07 Oct 2023 00:15
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 07 06:18:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100623W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Oct 07 06:04:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	14113	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	104320	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	140716	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	53756	27.881	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.933%
60) 4-Bromofluorobenzene	11.079	95	87386	29.811	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.367%
63) Toluene-d8	8.653	98	162301	29.786	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	235492	138.658	ug/l	99
3) Chloromethane	1.300	50	213727	127.053	ug/l	95
4) Vinyl Chloride	1.374	62	258101	130.988	ug/l	98
5) Bromomethane	1.599	94	321085	134.673	ug/l	98
6) Chloroethane	1.672	64	229264	136.604	ug/l	94
7) Trichlorofluoromethane	1.880	101	569319	135.660	ug/l	100
8) Diethyl Ether	2.136	74	208888	136.442	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	225439	140.639	ug/l	97
10) 1,1-Dichloroethene	2.312	96	225269	144.246	ug/l	96
11) Methyl Iodide	2.447	142	332167	142.733	ug/l	97
12) Methyl Acetate	2.703	43	699137	131.540	ug/l	99
13) Acrolein	2.239	56	265028	795.430	ug/l	96
14) Acrylonitrile	3.068	53	870376	698.724	ug/l	97
15) Acetone	2.380	58	226889	684.042	ug/l	96
16) Carbon Disulfide	2.508	76	638020	152.893	ug/l	98
17) Allyl chloride	2.660	41	382687	145.821	ug/l	97
18) Methylene Chloride	2.788	84	281034	138.018	ug/l	95
19) trans-1,2-Dichloroethene	3.087	96	282080	144.232	ug/l	98
20) Diisopropyl ether	3.763	45	821703	142.676	ug/l	96
21) 1,1-Dichloroethane	3.611	63	489129	139.553	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	329209	142.926	ug/l	95
24) Methyl tert-Butyl Ether	3.117	73	902689	147.240	ug/l	98
25) Chloroform	5.099	83	561563	141.100	ug/l	100
26) Cyclohexane	5.470	56	415321	140.080	ug/l #	95
29) 1,1-Dichloropropene	5.690	75	400419	145.078	ug/l	98
30) 2-Butanone	4.556	43	1235863	696.644	ug/l	96
31) 2,2-Dichloropropane	4.477	77	309560	151.827	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	502888	152.487	ug/l	98
33) Carbon Tetrachloride	5.678	117	435474	155.851	ug/l	98
34) Benzene	6.037	78	1170531	143.366	ug/l	98
35) Methacrylonitrile	4.922	41	242107	145.773	ug/l	94
36) 1,2-Dichloroethane	6.086	62	443467	140.004	ug/l	99
37) Trichloroethene	7.123	130	313350	145.721	ug/l	98
38) Methylcyclohexane	7.379	83	485950	147.811	ug/l	95
39) 1,2-Dichloropropane	7.427	63	293336	143.326	ug/l	94
40) Dibromomethane	7.580	93	235046	146.972	ug/l	98
41) Bromodichloromethane	7.824	83	438736	153.034	ug/l	99
42) Vinyl Acetate	3.721	43	2960846	758.305	ug/l	97
43) Ethyl Acetate	4.714	43	476751	145.281	ug/l	98

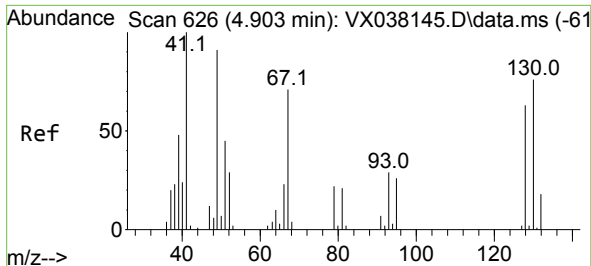
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	6.342	43	737937	151.057	ug/l	97
45) 1,4-Dioxane	7.665	88	170217	2741.892	ug/l #	1
46) Methyl methacrylate	7.696	41	349315	145.033	ug/l	95
47) n-amyl Acetate	10.841	43	656032	154.689	ug/l	98
48) t-1,3-Dichloropropene	8.982	75	480388	163.017	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	491726	157.386	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	327594	145.091	ug/l	97
51) Ethyl methacrylate	9.116	69	520325	153.879	ug/l	98
52) 1,3-Dichloropropane	9.311	76	524756	142.918	ug/l	99
53) Dibromochloromethane	9.525	129	363622	162.571	ug/l	100
54) 1,2-Dibromoethane	9.610	107	369178	149.634	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	1303433	763.712	ug/l	97
56) Bromoform	10.799	173	280839	168.007	ug/l	99
58) 4-Methyl-2-Pentanone	8.580	43	2449321	695.417	ug/l	94
59) 2-Hexanone	9.433	43	1946851	687.522	ug/l	94
61) Tetrachloroethene	9.275	164	283475	147.434	ug/l	98
62) Toluene	8.720	91	1383889	147.607	ug/l	98
64) Chlorobenzene	10.079	112	853873	145.437	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	318640	155.692	ug/l	99
66) Ethyl Benzene	10.195	91	1562033	146.928	ug/l	97
67) m/p-Xylenes	10.305	106	1243718	301.556	ug/l	99
68) o-Xylene	10.640	106	608355	152.020	ug/l	98
69) Styrene	10.659	104	1025064	154.153	ug/l	99
70) Isopropylbenzene	10.963	105	1573762	149.121	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	545005	140.107	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	608639	172.040	ug/l	90
73) Bromobenzene	11.201	156	381015	145.801	ug/l	95
74) n-propylbenzene	11.305	91	1868837	145.718	ug/l	99
75) 2-Chlorotoluene	11.366	91	1087166	144.266	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	1389671	150.683	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	166827	173.238	ug/l	89
78) 4-Chlorotoluene	11.457	91	1317039	146.964	ug/l	98
79) tert-butylbenzene	11.713	119	1314797	150.077	ug/l	98
80) 1,2,4-Trimethylbenzene	11.756	105	1335209	148.278	ug/l	99
81) sec-Butylbenzene	11.890	105	1688009	147.284	ug/l	99
82) p-Isopropyltoluene	12.012	119	1420820	149.960	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	733467	143.913	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	757680	146.007	ug/l	99
85) n-Butylbenzene	12.335	91	1350527	149.388	ug/l	100
86) Hexachloroethane	12.536	117	253847	162.072	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	724284	146.614	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	139011	154.310	ug/l	92
89) 1,2,4-Trichlorobenzene	13.591	180	484554	151.090	ug/l	100
90) Hexachlorobutadiene	13.725	225	184761	143.224	ug/l	97
91) Naphthalene	13.774	128	1687921	153.679	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	477849	152.216	ug/l	99

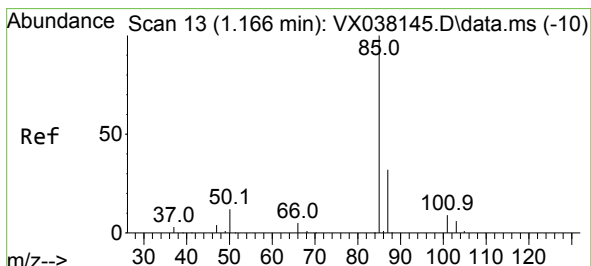
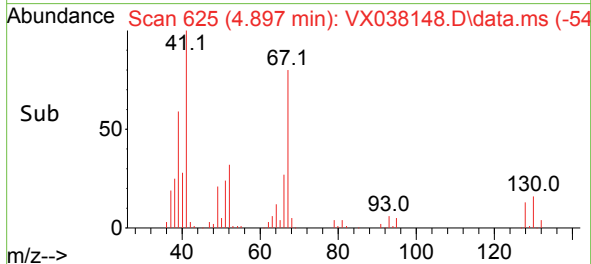
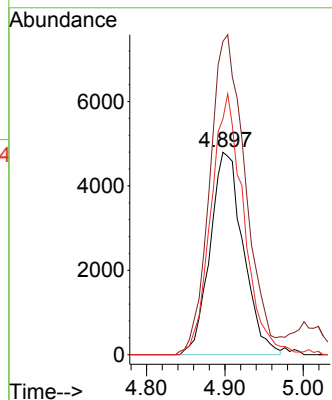
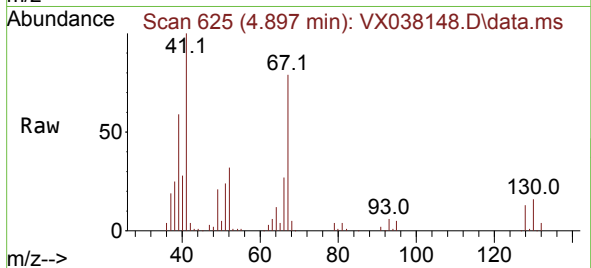
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

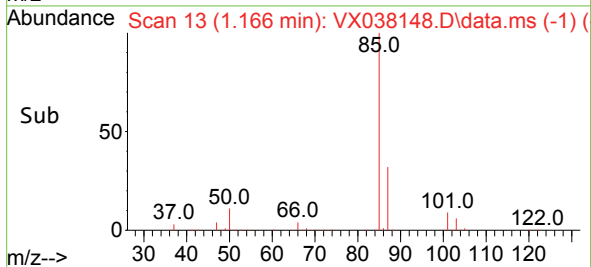
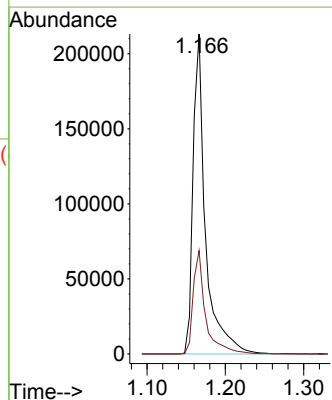
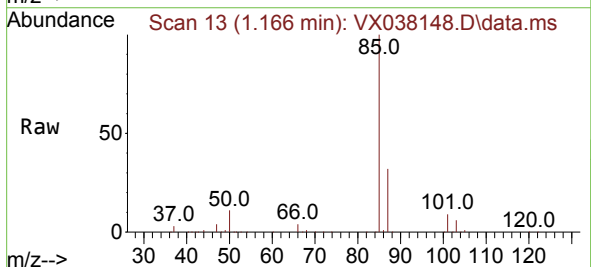
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

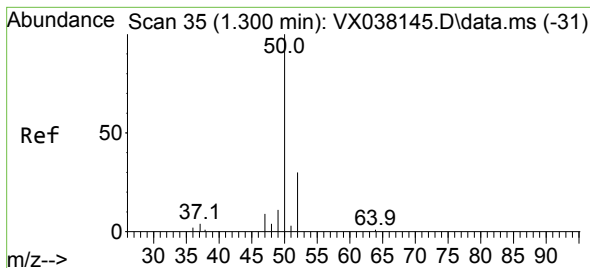
Tgt Ion:128 Resp: 14113
Ion Ratio Lower Upper
128 100
49 169.4 0.0 406.3
130 128.1 0.0 328.0



#2
Dichlorodifluoromethane
Concen: 138.658 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion: 85 Resp: 235492
Ion Ratio Lower Upper
85 100
87 32.3 16.4 49.4





#3

Chloromethane

Concen: 127.053 ug/l

RT: 1.300 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX038148.D

Acq: 07 Oct 2023 00:15

Instrument :

MSVOA_X

ClientSampleId :

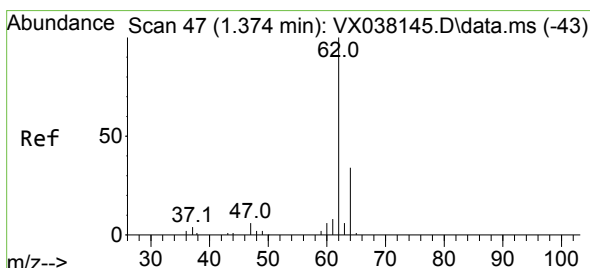
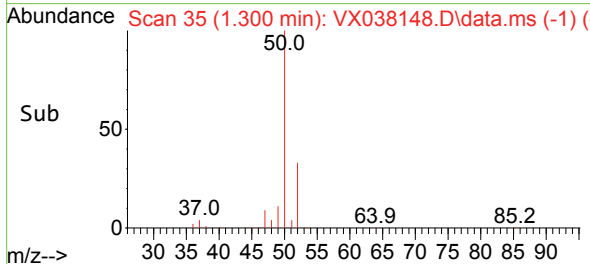
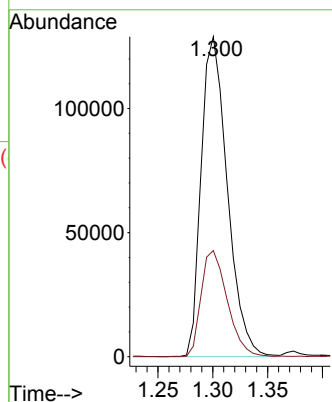
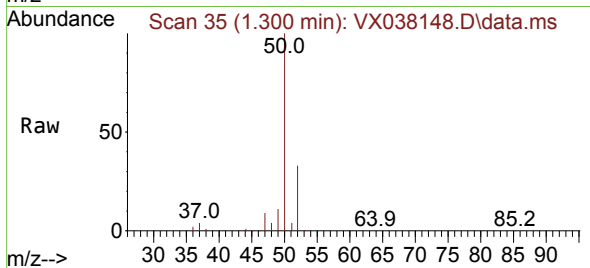
VSTDICC150

Tgt Ion: 50 Resp: 213727

Ion Ratio Lower Upper

50 100

52 33.2 24.5 36.7



#4

Vinyl Chloride

Concen: 130.988 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038148.D

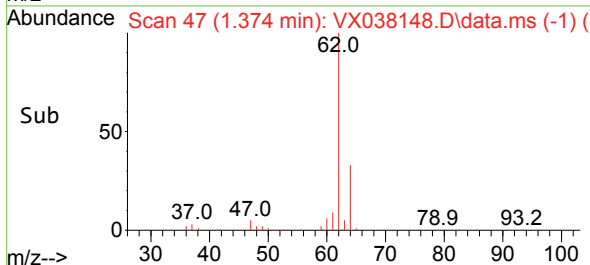
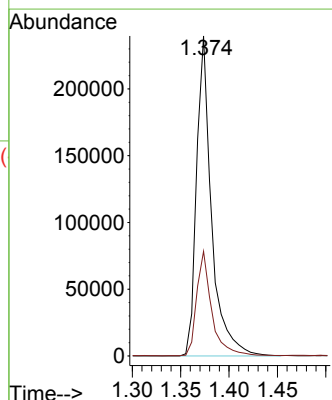
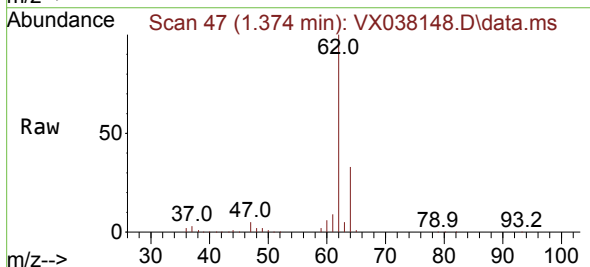
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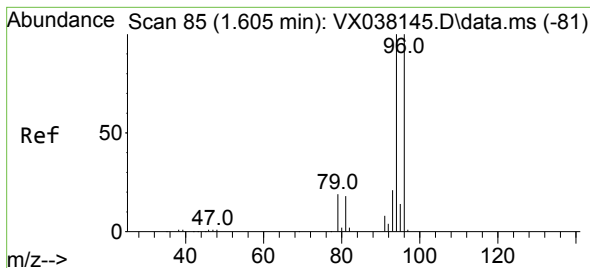
Tgt Ion: 62 Resp: 258101

Ion Ratio Lower Upper

62 100

64 32.6 25.3 37.9





#5

Bromomethane

Concen: 134.673 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.006 min

Lab File: VX038148.D

Acq: 07 Oct 2023 00:15

Instrument :

MSVOA_X

ClientSampleId :

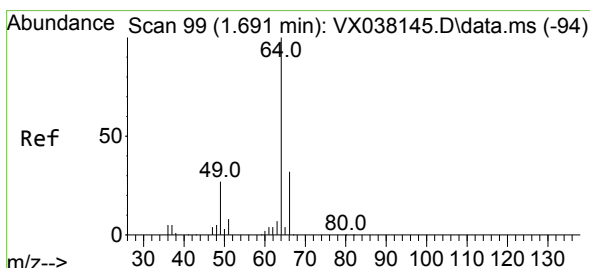
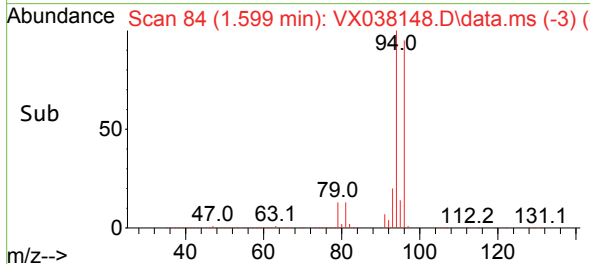
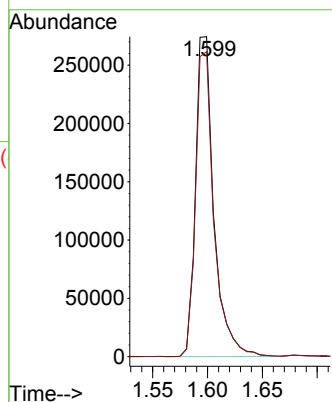
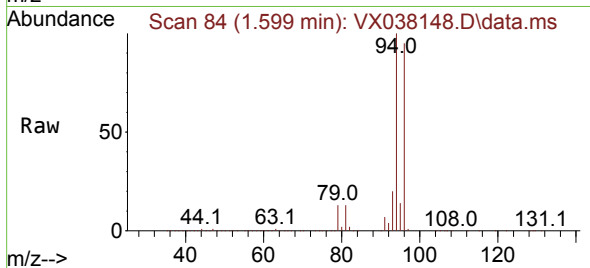
VSTDICC150

Tgt Ion: 94 Resp: 321085

Ion Ratio Lower Upper

94 100

96 95.3 77.4 116.2



#6

Chloroethane

Concen: 136.604 ug/l

RT: 1.672 min Scan# 96

Delta R.T. -0.018 min

Lab File: VX038148.D

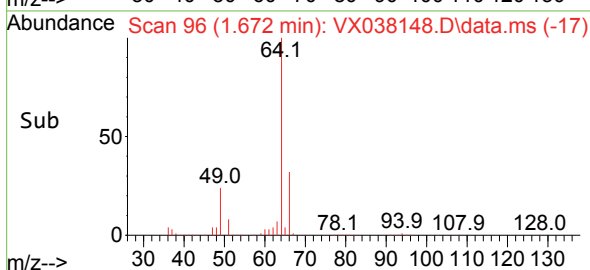
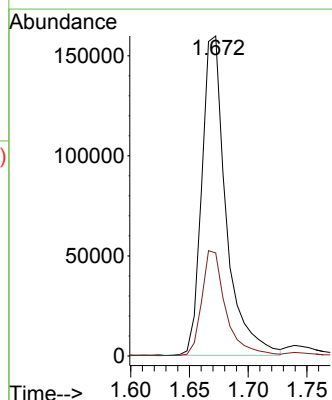
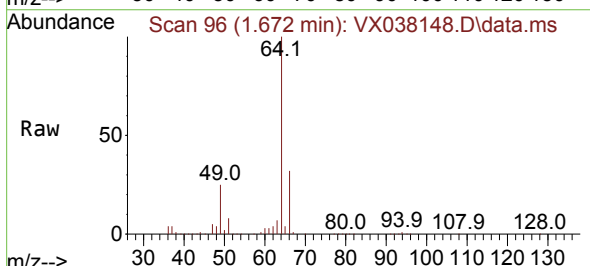
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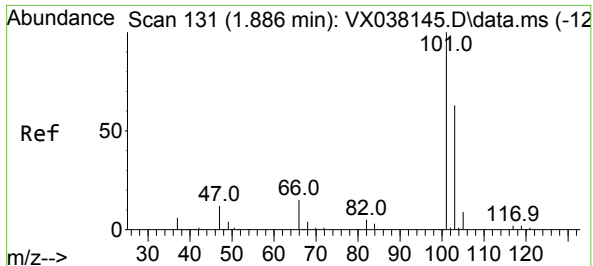
Tgt Ion: 64 Resp: 229264

Ion Ratio Lower Upper

64 100

66 32.1 23.1 34.7

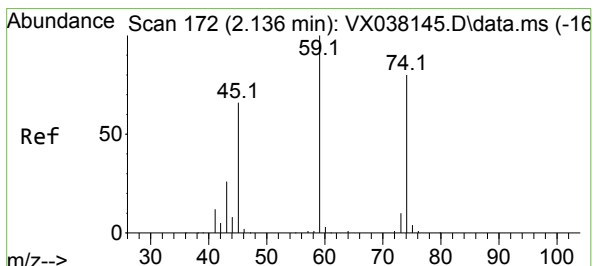
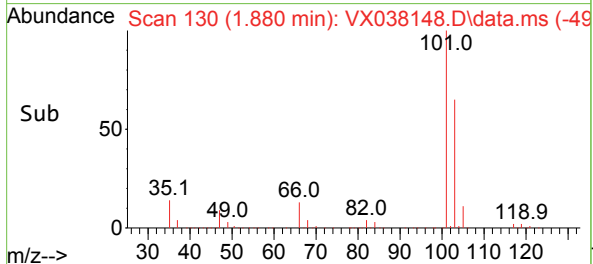
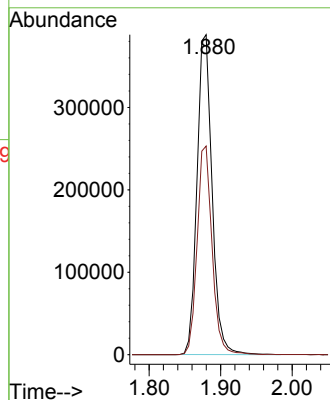
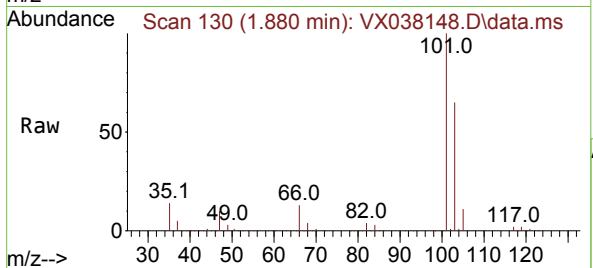




#7
Trichlorofluoromethane
Concen: 135.660 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

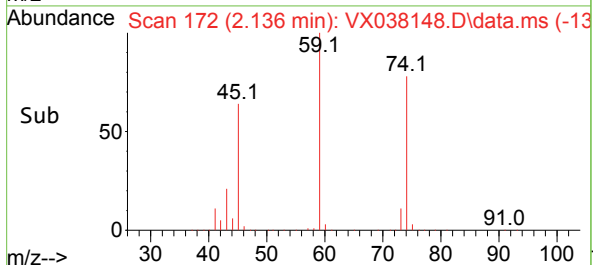
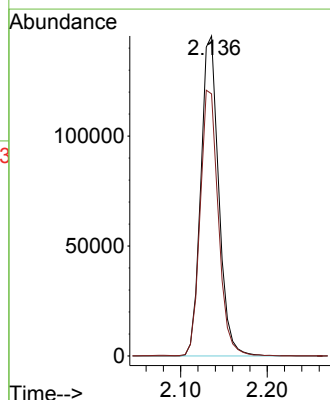
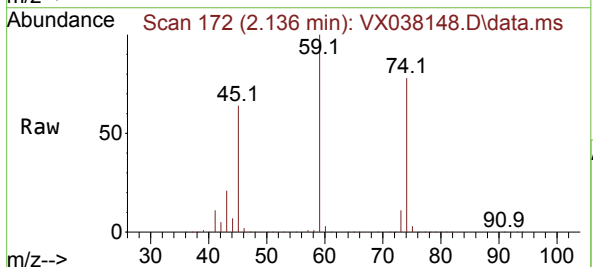
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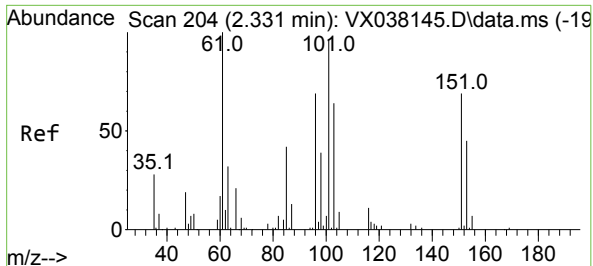
Tgt Ion:101 Resp: 569319
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.2



#8
Diethyl Ether
Concen: 136.442 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion: 74 Resp: 208888
Ion Ratio Lower Upper
74 100
45 83.9 19.9 178.9

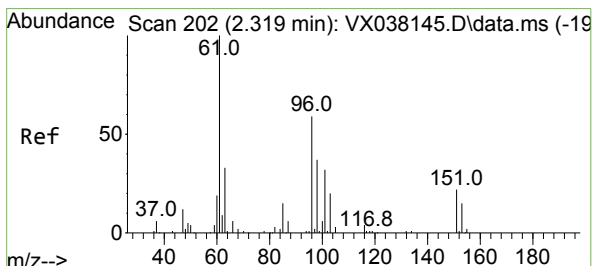
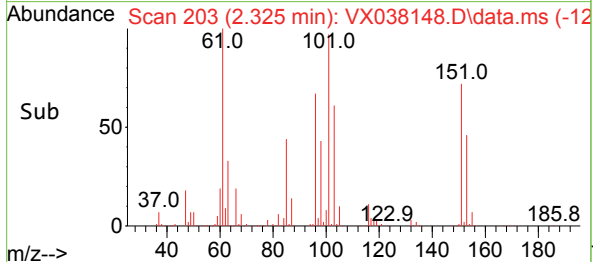
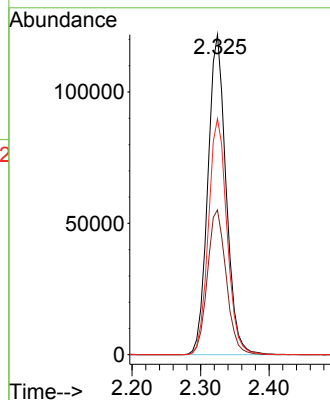
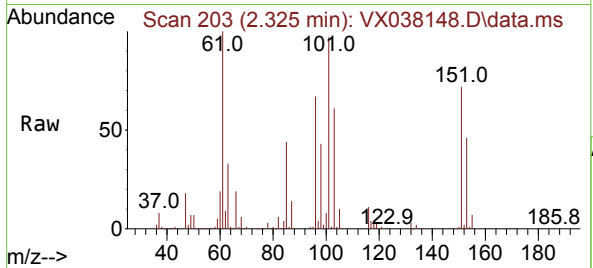




#9
1,1,2-Trichlorotrifluoroethane
Concen: 140.639 ug/l
RT: 2.325 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

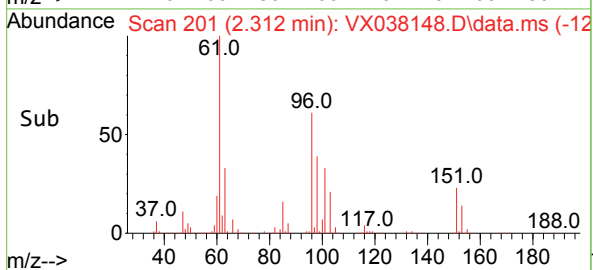
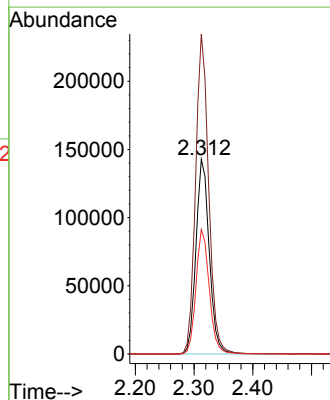
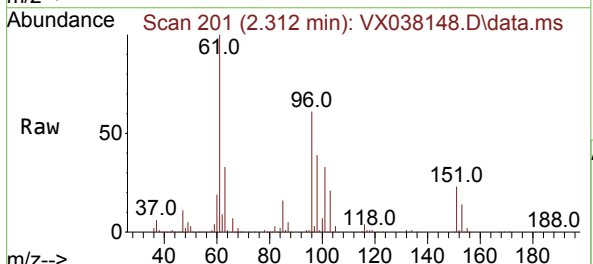
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

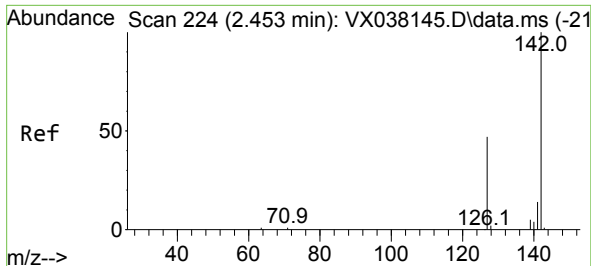
Tgt Ion:101 Resp: 225439
Ion Ratio Lower Upper
101 100
85 46.8 0.0 91.0
151 75.2 0.0 155.4



#10
1,1-Dichloroethene
Concen: 144.246 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion: 96 Resp: 225269
Ion Ratio Lower Upper
96 100
61 164.4 127.2 190.8
98 64.0 52.7 79.1

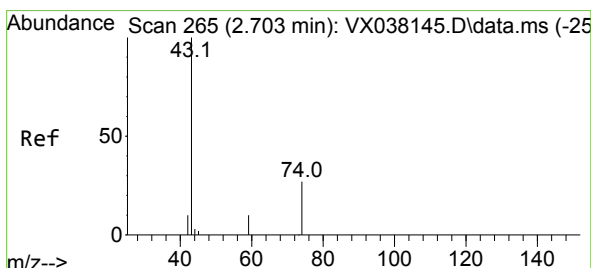
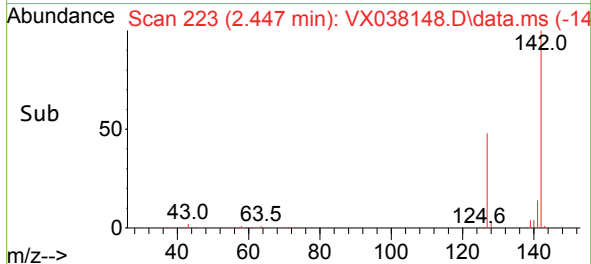
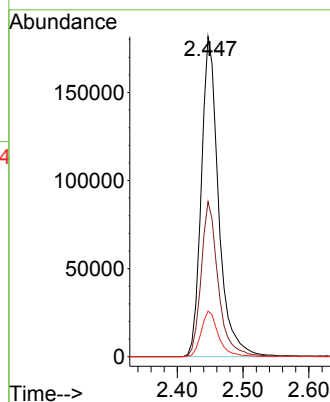
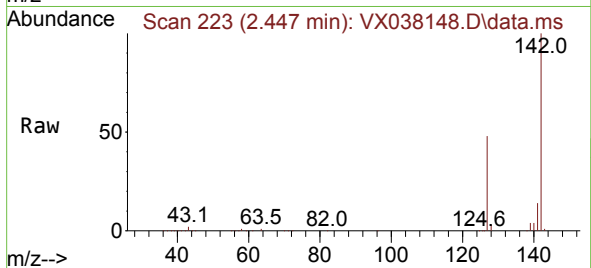




#11
Methyl Iodide
Concen: 142.733 ug/l
RT: 2.447 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

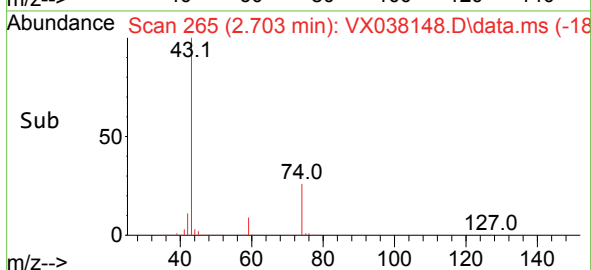
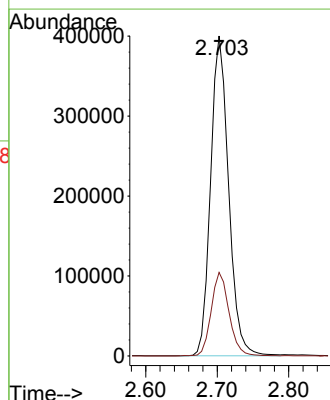
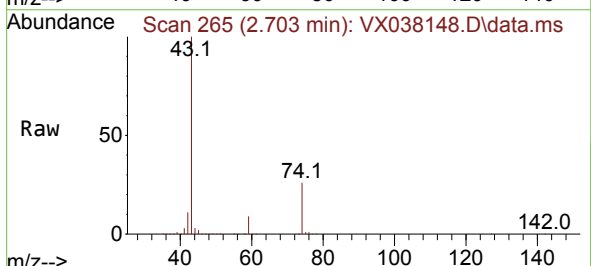
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

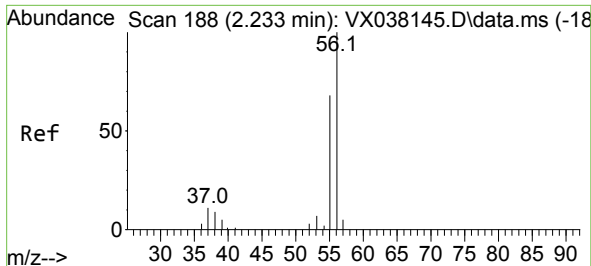
Tgt Ion:142 Resp: 332167
Ion Ratio Lower Upper
142 100
127 48.5 22.9 68.8
141 14.3 7.5 22.6



#12
Methyl Acetate
Concen: 131.540 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion: 43 Resp: 699137
Ion Ratio Lower Upper
43 100
74 26.1 20.3 30.5

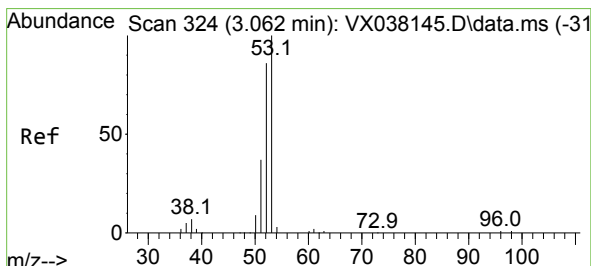
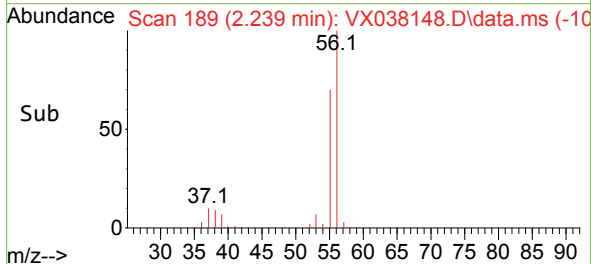
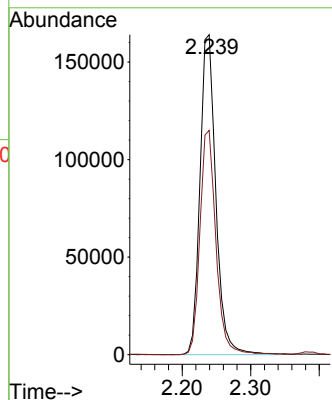
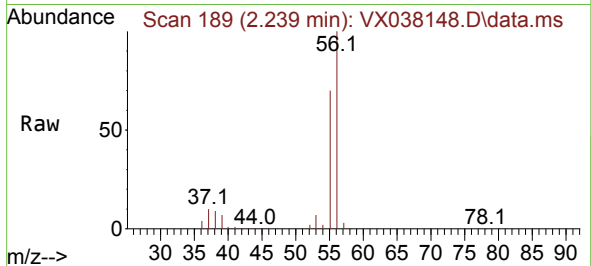




#13
Acrolein
Concen: 795.430 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

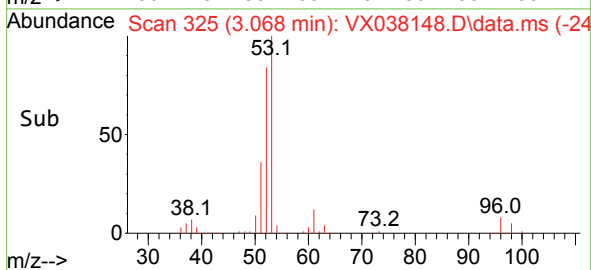
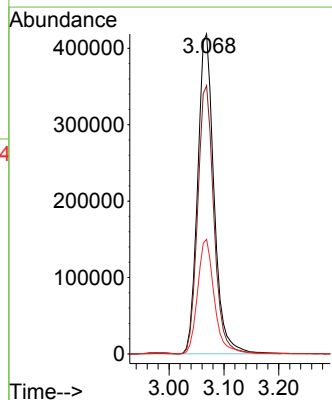
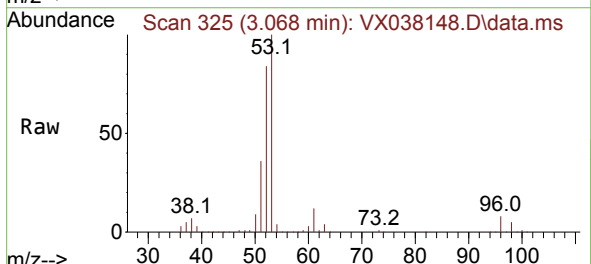
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

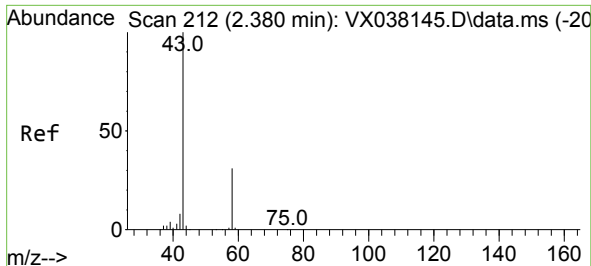
Tgt Ion: 56 Resp: 265028
Ion Ratio Lower Upper
56 100
55 70.8 59.7 89.5



#14
Acrylonitrile
Concen: 698.724 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion: 53 Resp: 870376
Ion Ratio Lower Upper
53 100
52 83.5 40.0 119.9
51 36.4 18.2 54.6

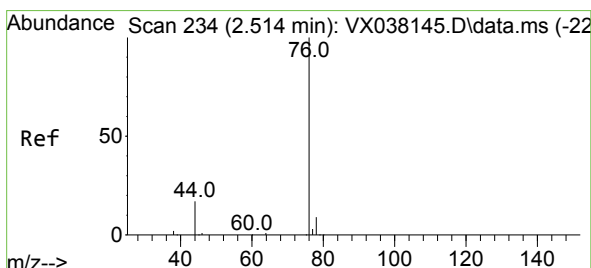
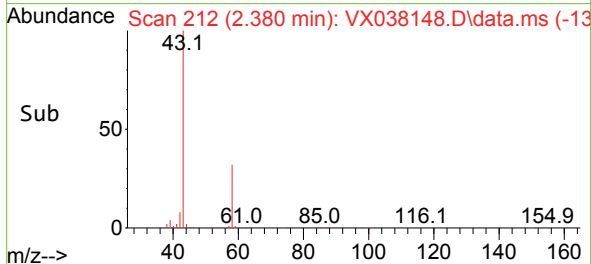
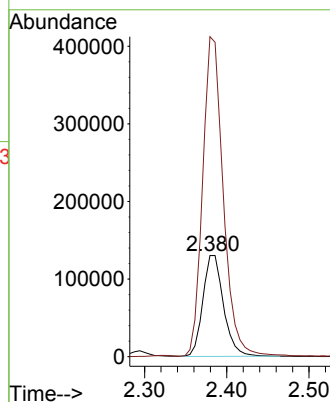
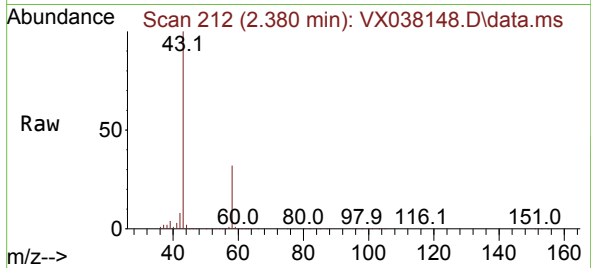




#15
Acetone
Concen: 684.042 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

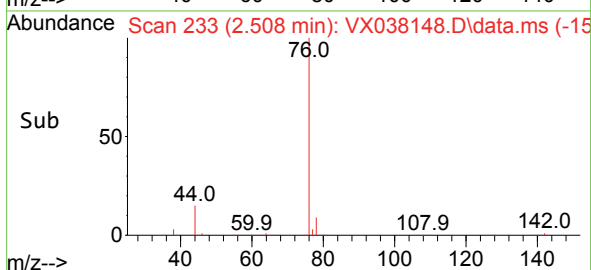
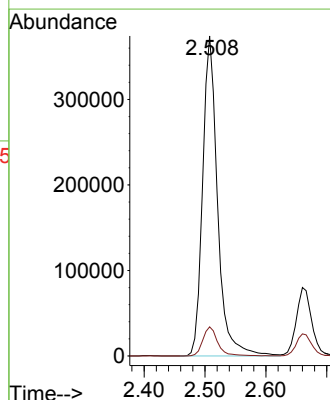
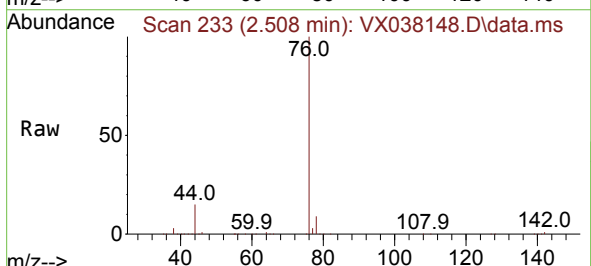
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

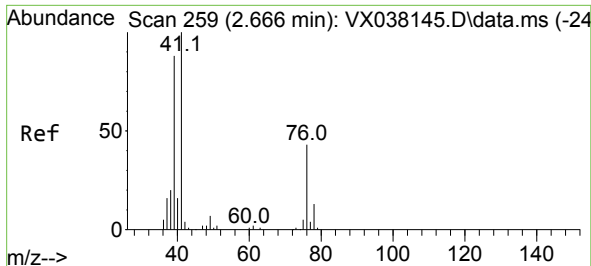
Tgt Ion: 58 Resp: 226889
Ion Ratio Lower Upper
58 100
43 317.6 261.0 391.4



#16
Carbon Disulfide
Concen: 152.893 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion: 76 Resp: 638020
Ion Ratio Lower Upper
76 100
78 9.1 8.0 12.0





#17

Allyl chloride

Concen: 145.821 ug/l

RT: 2.660 min Scan# 259

Delta R.T. -0.006 min

Lab File: VX038148.D

Acq: 07 Oct 2023 00:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

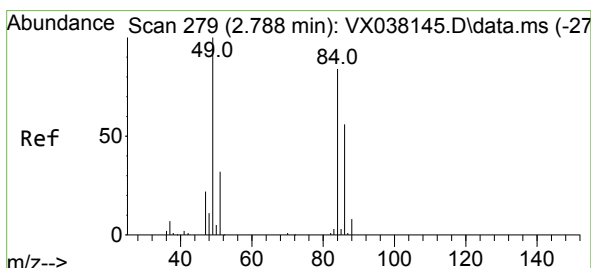
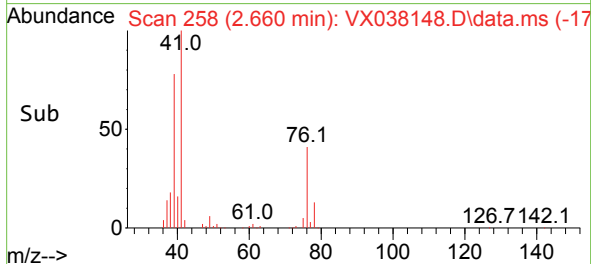
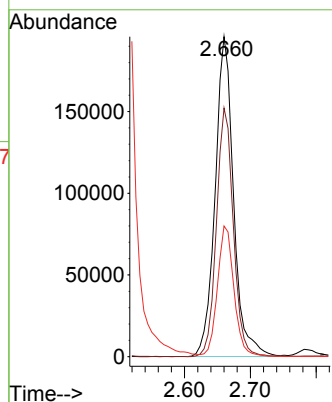
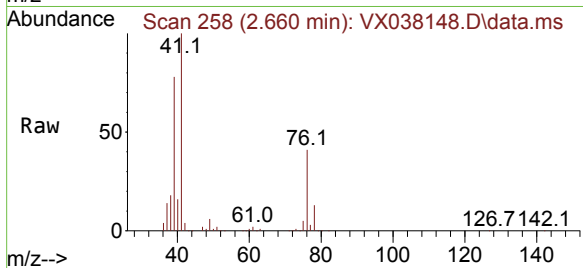
Tgt Ion: 41 Resp: 382687

Ion Ratio Lower Upper

41 100

39 77.7 38.5 115.3

76 40.8 18.6 55.8



#18

Methylene Chloride

Concen: 138.018 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX038148.D

Acq: 07 Oct 2023 00:15

Tgt Ion: 84 Resp: 281034

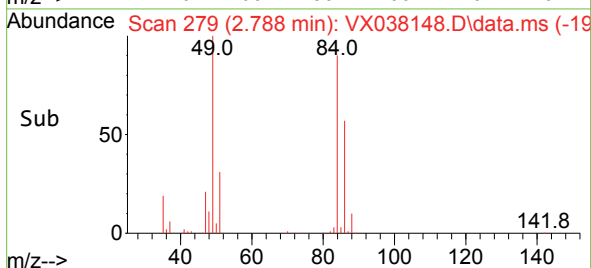
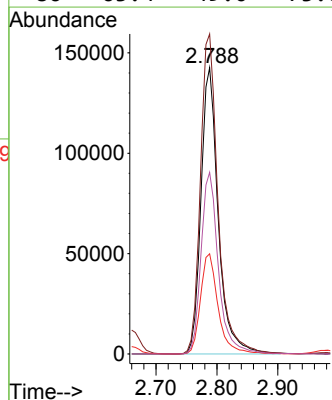
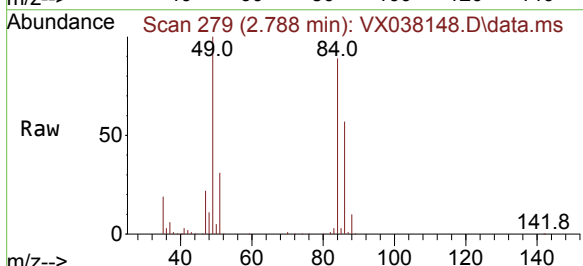
Ion Ratio Lower Upper

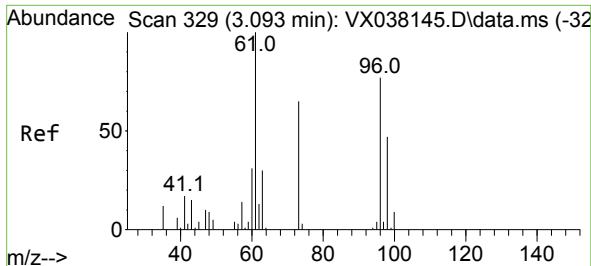
84 100

49 111.7 95.4 143.0

51 35.0 28.3 42.5

86 63.4 49.0 73.6

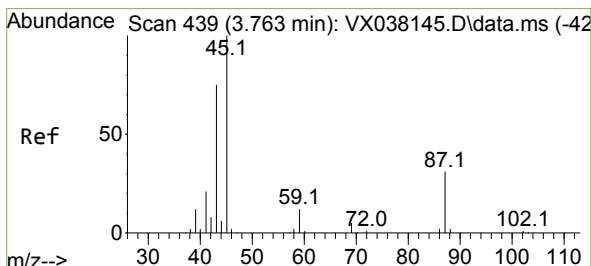
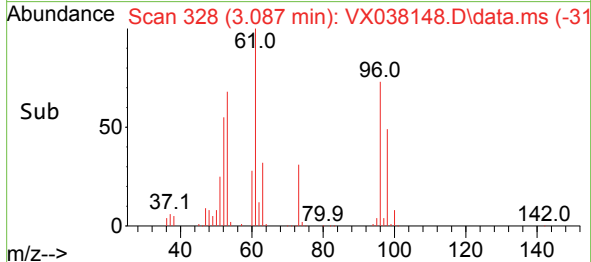
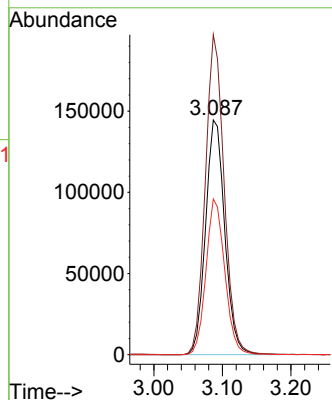
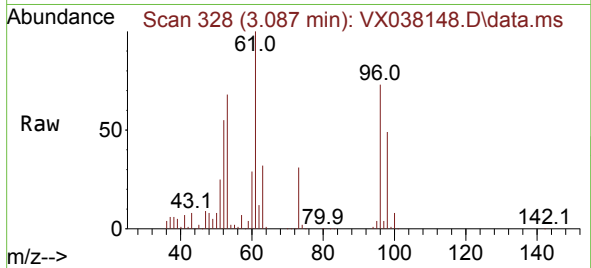




#19
trans-1,2-Dichloroethene
Concen: 144.232 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

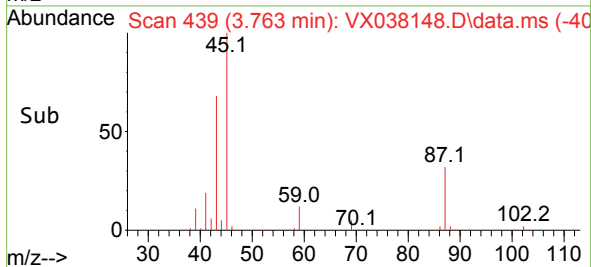
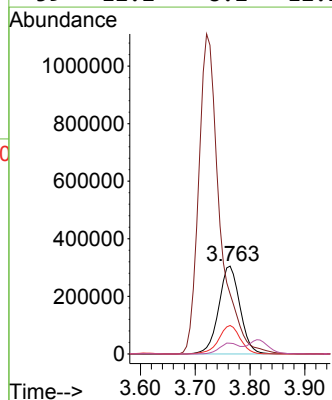
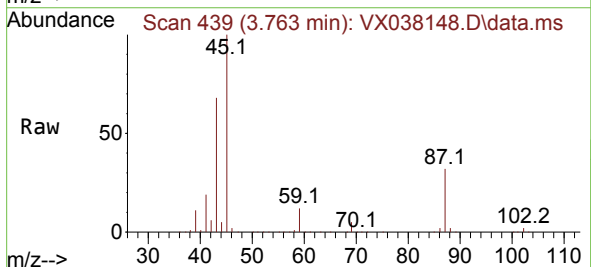
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

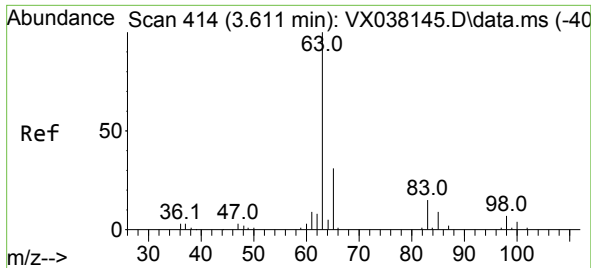
Tgt Ion: 96 Resp: 282080
Ion Ratio Lower Upper
96 100
61 136.3 108.7 163.1
98 66.3 49.1 73.7



#20
Diisopropyl ether
Concen: 142.676 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion: 45 Resp: 821703
Ion Ratio Lower Upper
45 100
43 68.1 55.8 83.6
87 32.5 23.0 34.4
59 12.2 8.2 12.2

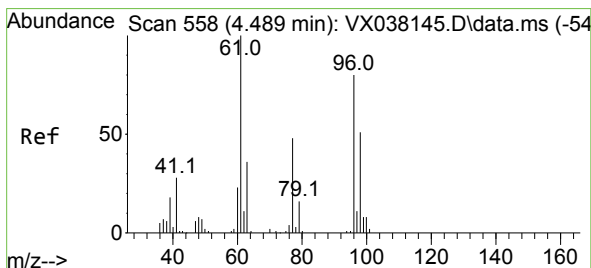
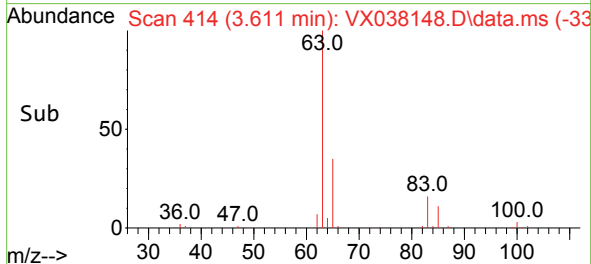
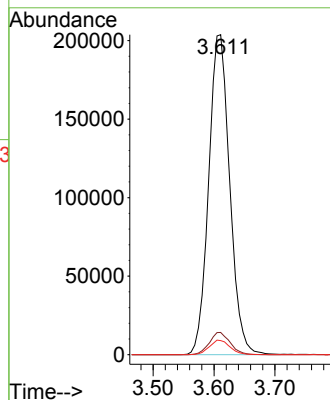
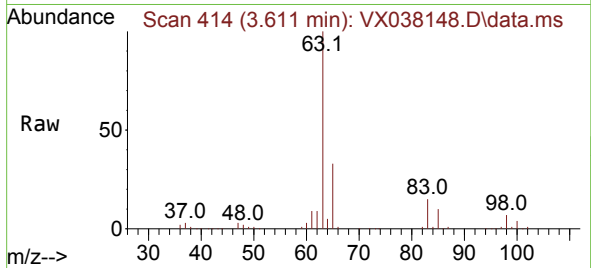




#21
 1,1-Dichloroethane
 Concen: 139.553 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX038148.D
 Acq: 07 Oct 2023 00:15

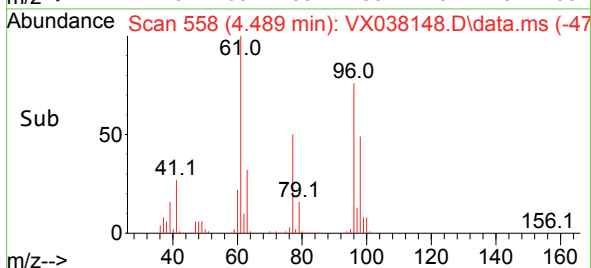
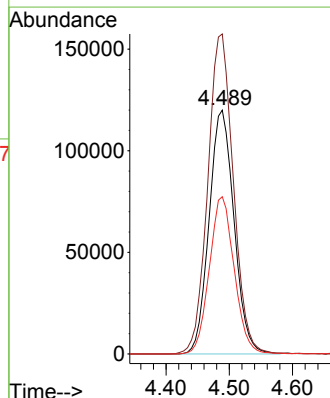
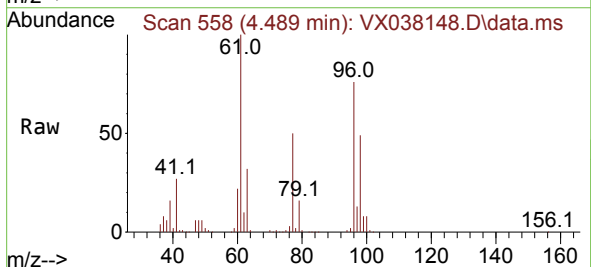
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

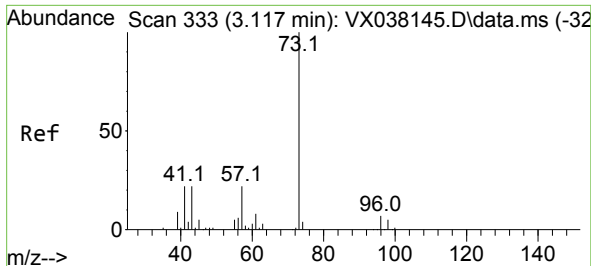
Tgt Ion: 63 Resp: 489129
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.2 9.6
 100 4.4 2.3 6.8



#22
 cis-1,2-Dichloroethene
 Concen: 142.926 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX038148.D
 Acq: 07 Oct 2023 00:15

Tgt Ion: 96 Resp: 329209
 Ion Ratio Lower Upper
 96 100
 61 134.1 114.0 171.0
 98 64.2 51.6 77.4

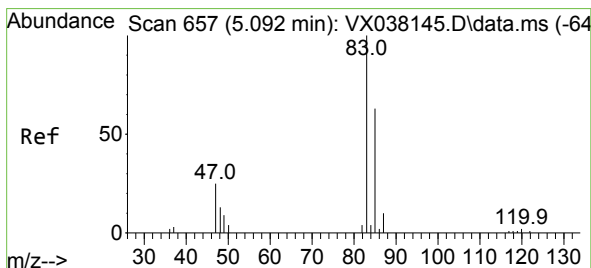
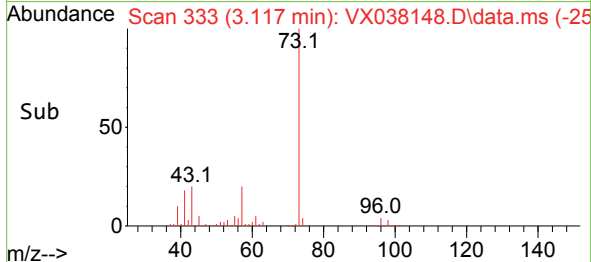
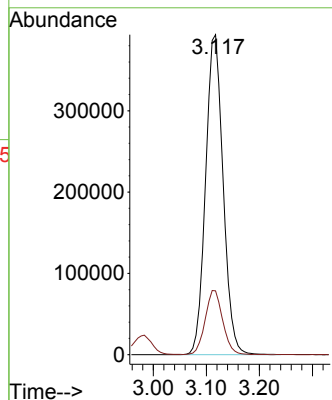
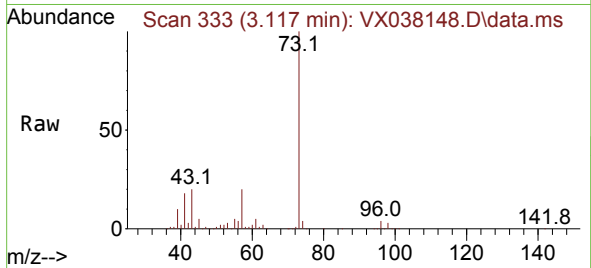




#24
Methyl tert-Butyl Ether
Concen: 147.240 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

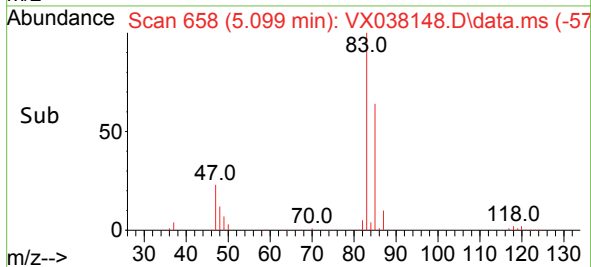
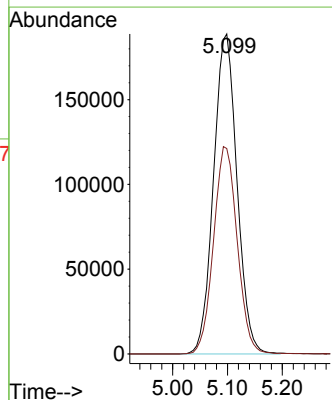
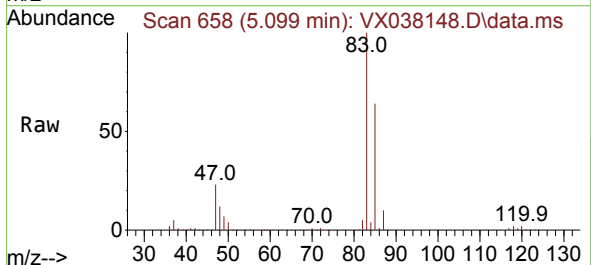
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

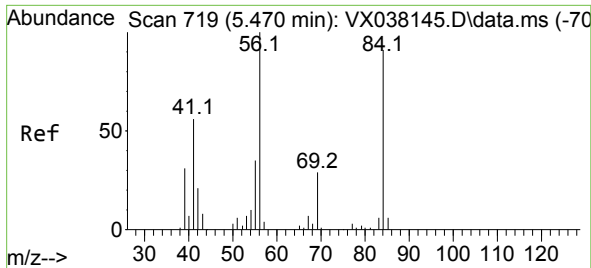
Tgt Ion: 73 Resp: 902689
Ion Ratio Lower Upper
73 100
43 20.0 16.8 25.2



#25
Chloroform
Concen: 141.100 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion: 83 Resp: 561563
Ion Ratio Lower Upper
83 100
85 64.2 51.5 77.3

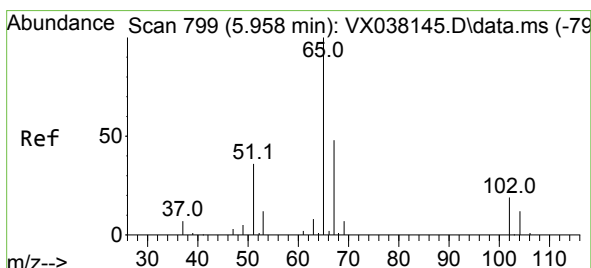
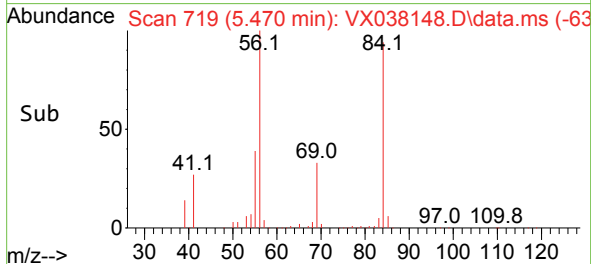
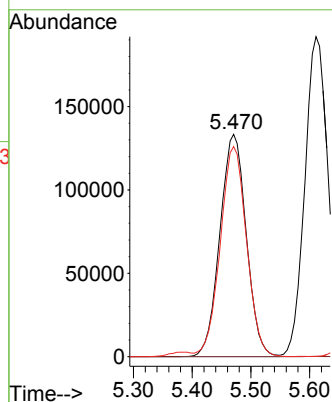
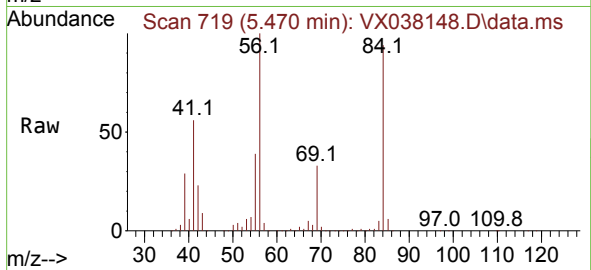




#26
Cyclohexane
Concen: 140.080 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

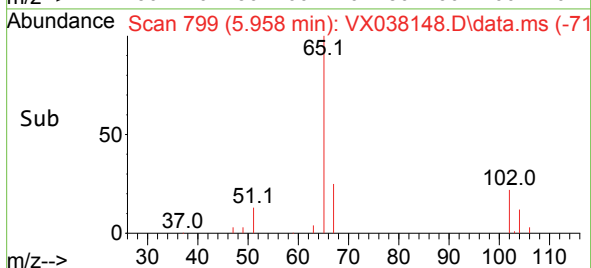
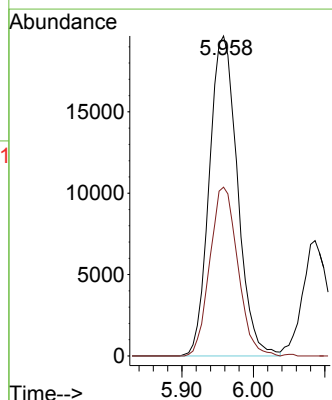
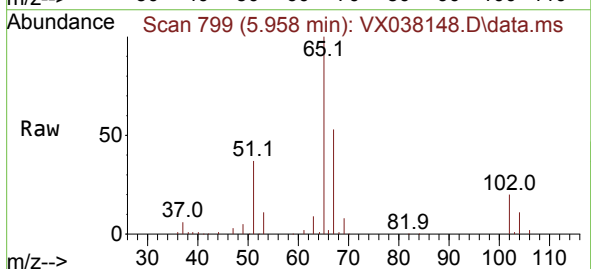
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

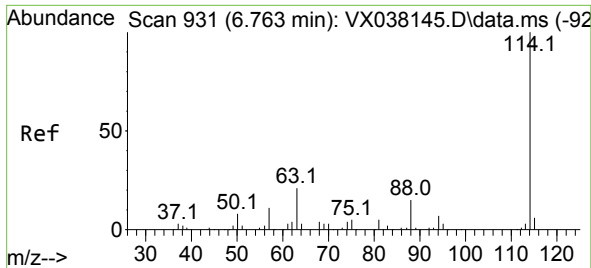
Tgt Ion: 56 Resp: 415321
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 94.3 71.4 107.2



#27
1,2-Dichloroethane-d4
Concen: 27.881 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion: 65 Resp: 53756
Ion Ratio Lower Upper
65 100
67 52.4 42.1 63.1

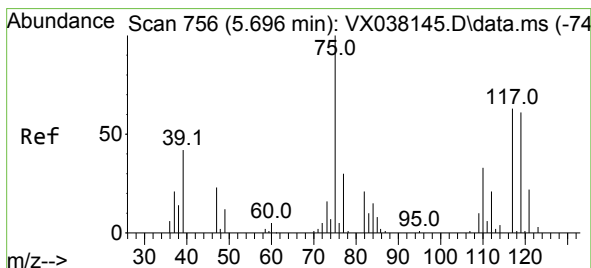
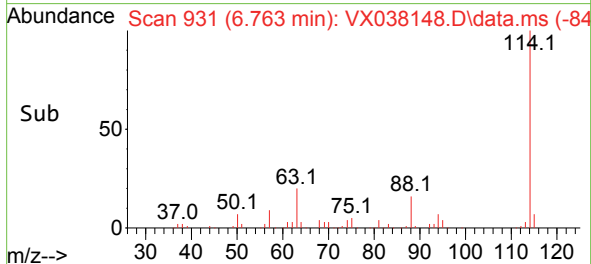
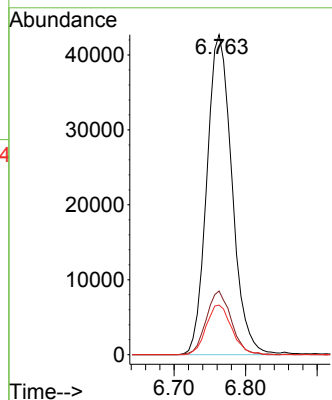
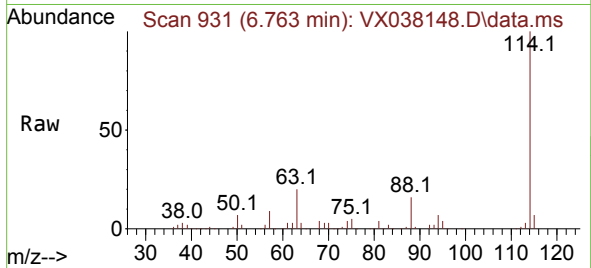




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX038148.D
 Acq: 07 Oct 2023 00:15

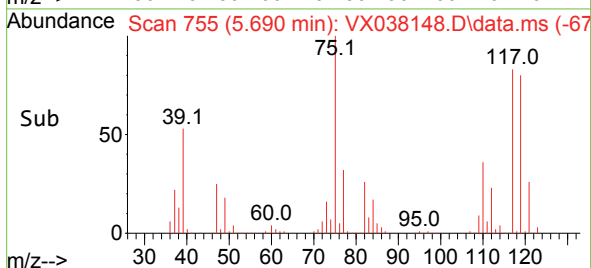
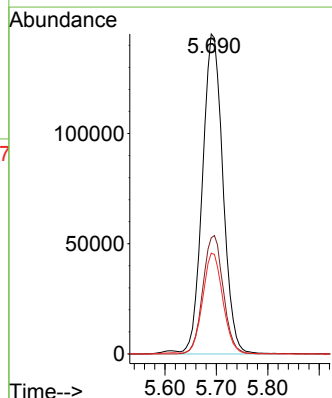
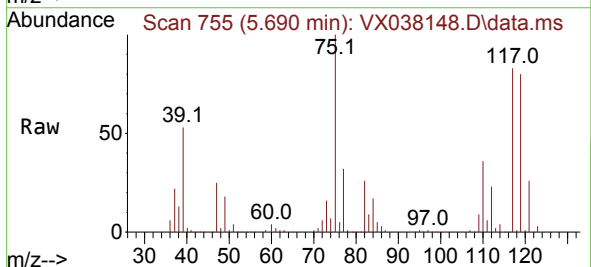
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

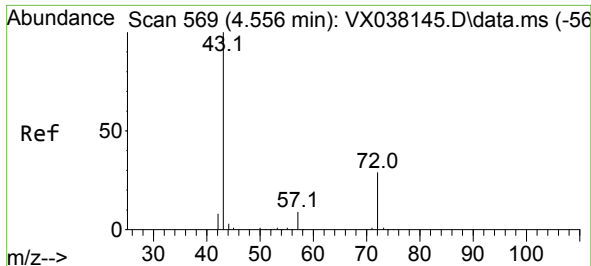
Tgt Ion:114 Resp: 104320
 Ion Ratio Lower Upper
 114 100
 63 19.7 16.6 24.8
 88 15.8 12.9 19.3



#29
 1,1-Dichloropropene
 Concen: 145.078 ug/l
 RT: 5.690 min Scan# 755
 Delta R.T. -0.006 min
 Lab File: VX038148.D
 Acq: 07 Oct 2023 00:15

Tgt Ion: 75 Resp: 400419
 Ion Ratio Lower Upper
 75 100
 110 37.0 0.0 70.4
 77 31.0 0.0 62.8



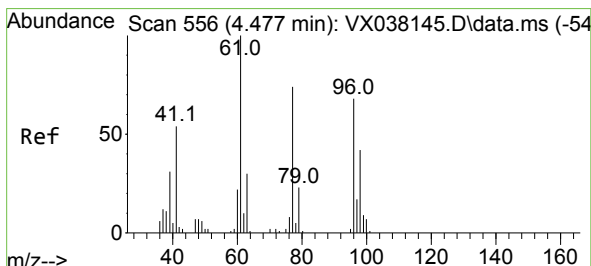
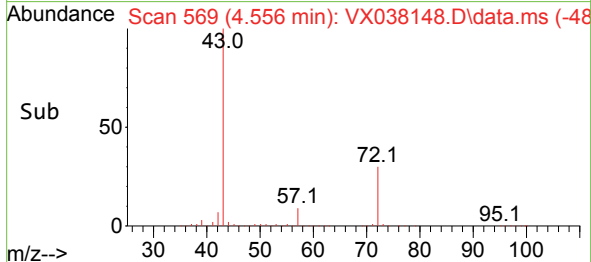
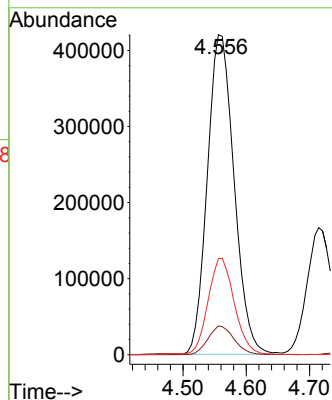
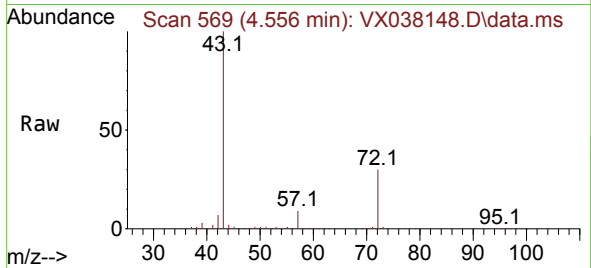


#30
2-Butanone
Concen: 696.644 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1235863

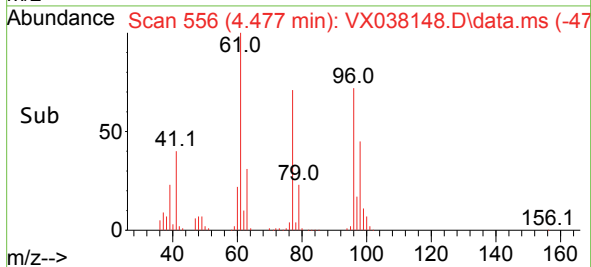
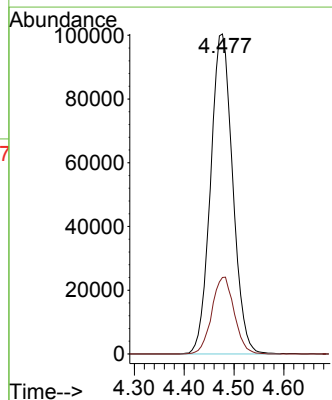
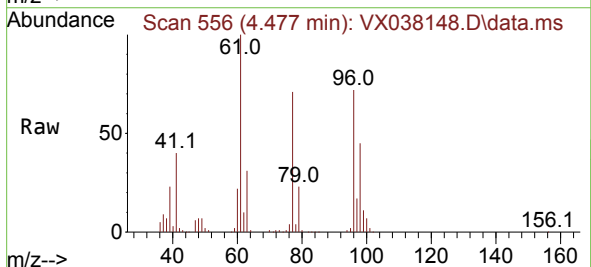
Ion	Ratio	Lower	Upper
43	100		
57	8.7	6.4	9.6
72	29.5	21.6	32.4

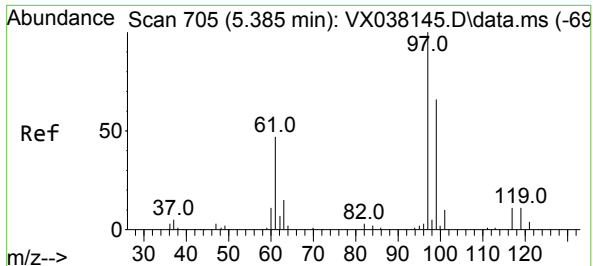


#31
2,2-Dichloropropane
Concen: 151.827 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion: 77 Resp: 309560

Ion	Ratio	Lower	Upper
77	100		
97	24.2	18.6	27.8



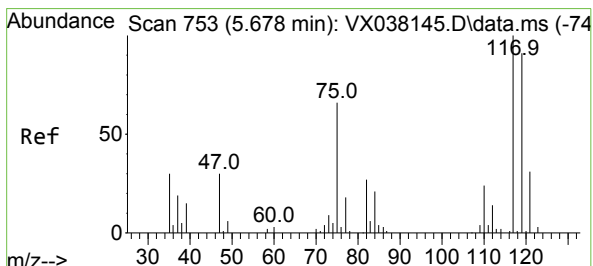
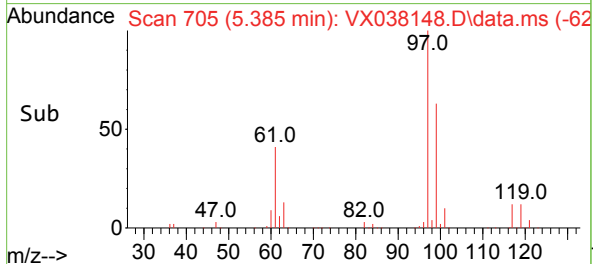
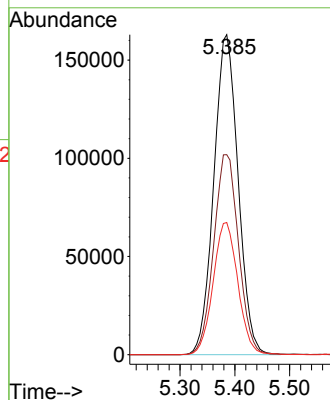
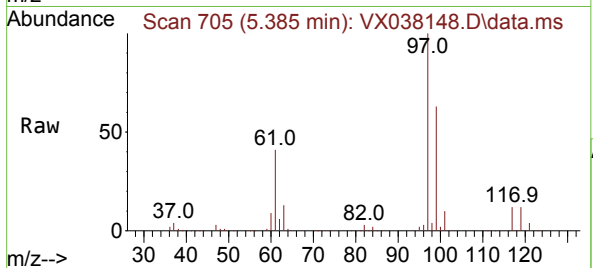


#32
 1,1,1-Trichloroethane
 Concen: 152.487 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX038148.D
 Acq: 07 Oct 2023 00:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 97 Resp: 502888

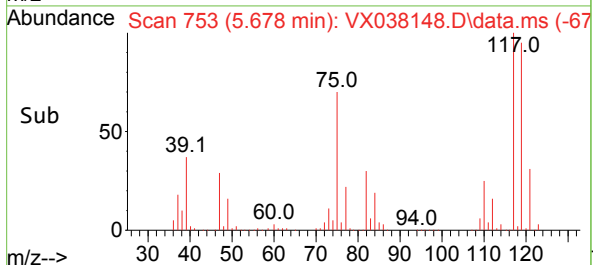
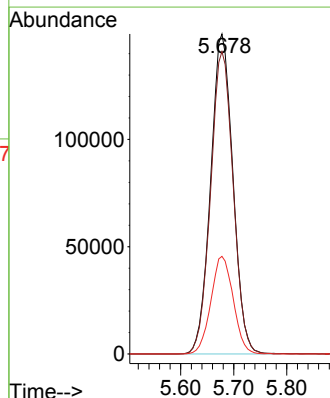
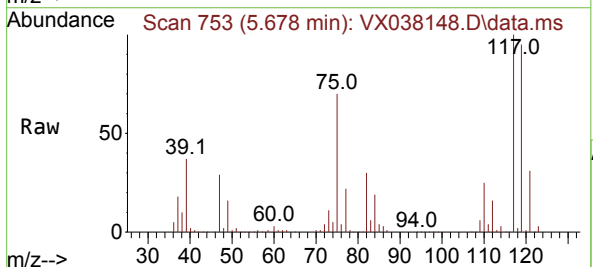
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.5	77.3
61	42.1	35.8	53.8

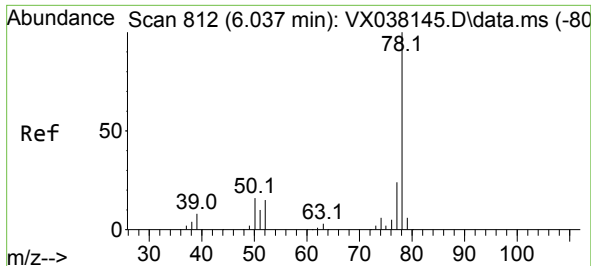


#33
 Carbon Tetrachloride
 Concen: 155.851 ug/l
 RT: 5.678 min Scan# 753
 Delta R.T. -0.000 min
 Lab File: VX038148.D
 Acq: 07 Oct 2023 00:15

Tgt Ion: 117 Resp: 435474

Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.6	115.0
121	30.5	26.5	39.7

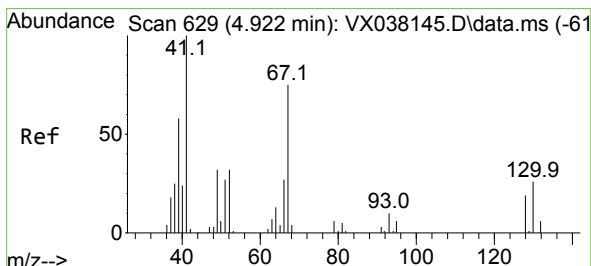
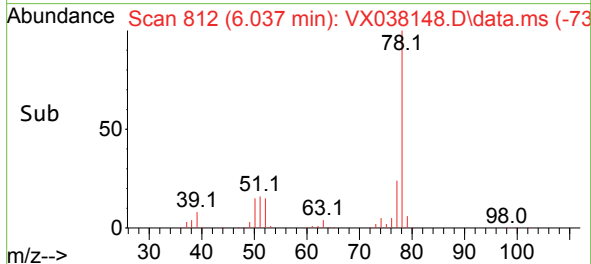
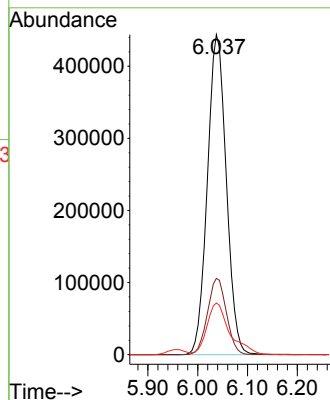
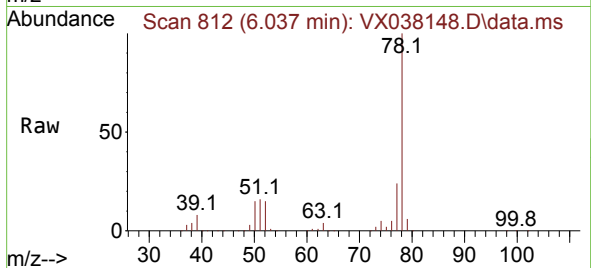




#34
Benzene
Concen: 143.366 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

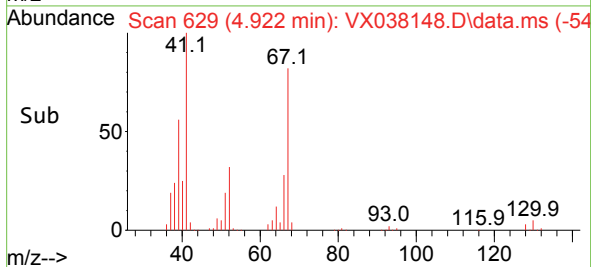
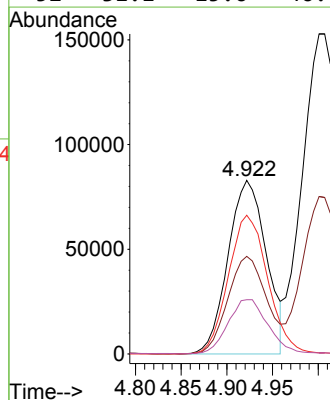
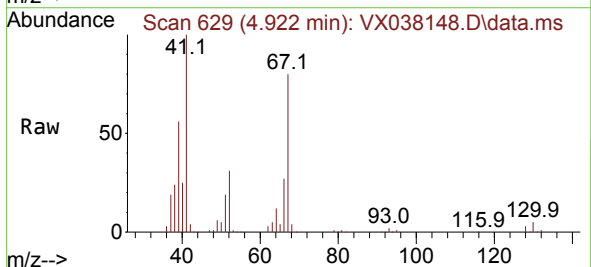
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

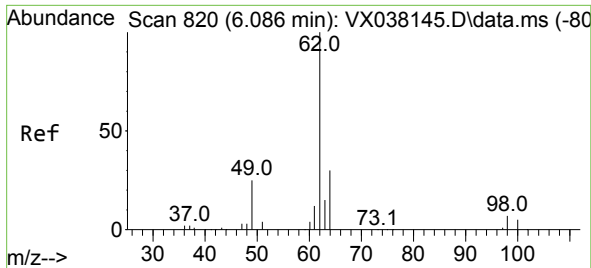
Tgt Ion: 78 Resp: 1170531
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1
51 16.1 14.2 21.4



#35
Methacrylonitrile
Concen: 145.773 ug/l
RT: 4.922 min Scan# 629
Delta R.T. 0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion: 41 Resp: 242107
Ion Ratio Lower Upper
41 100
39 56.2 28.2 84.7
67 80.0 35.0 105.1
52 31.1 15.6 46.7

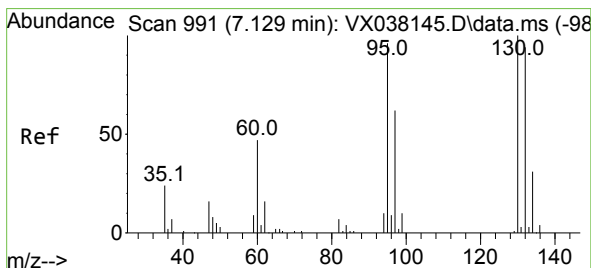
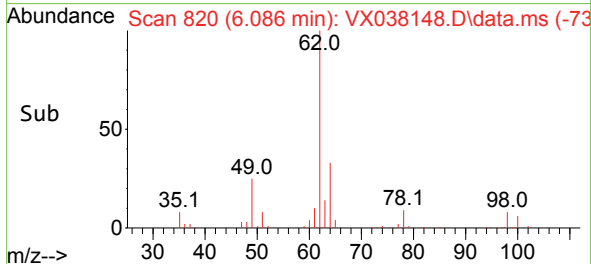
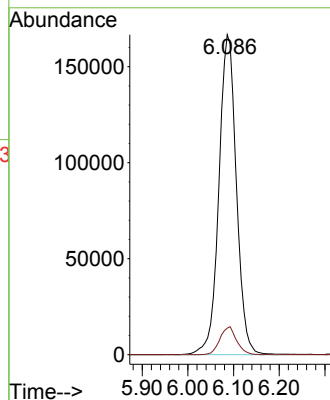
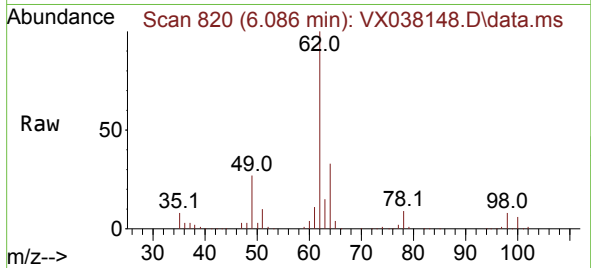




#36
1,2-Dichloroethane
Concen: 140.004 ug/l
RT: 6.086 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

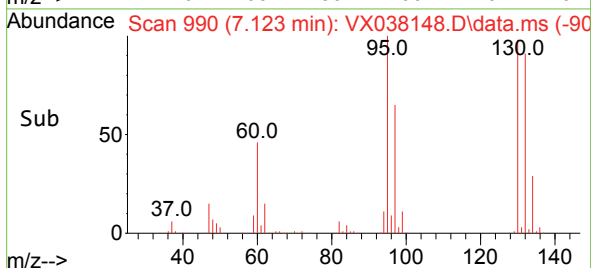
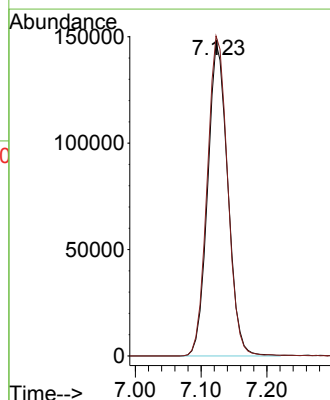
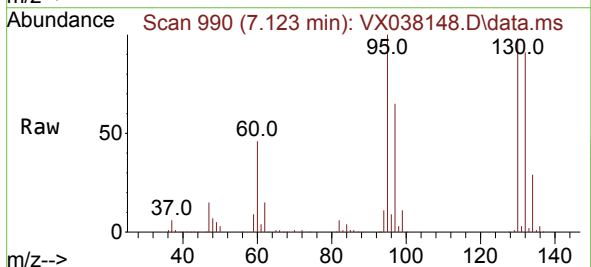
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

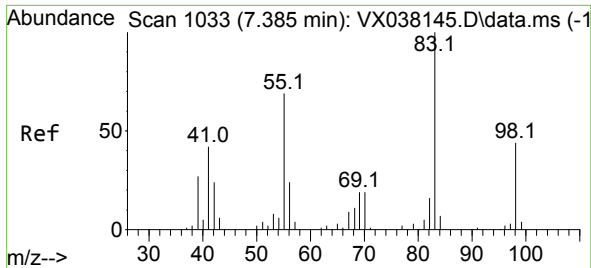
Tgt Ion: 62 Resp: 443467
Ion Ratio Lower Upper
62 100
98 8.3 7.0 10.6



#37
Trichloroethene
Concen: 145.721 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion:130 Resp: 313350
Ion Ratio Lower Upper
130 100
95 102.1 83.2 124.8

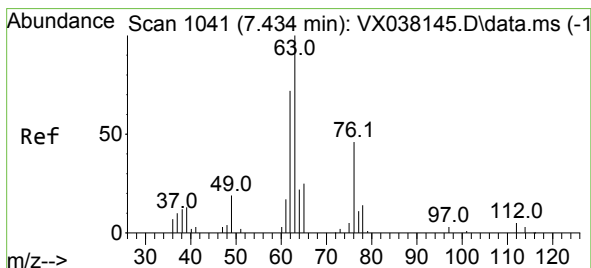
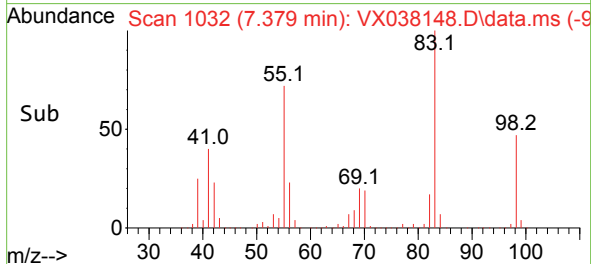
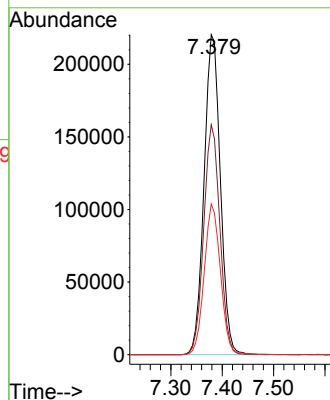
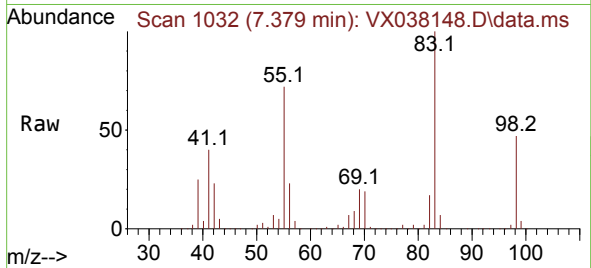




#38
Methylcyclohexane
Concen: 147.811 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

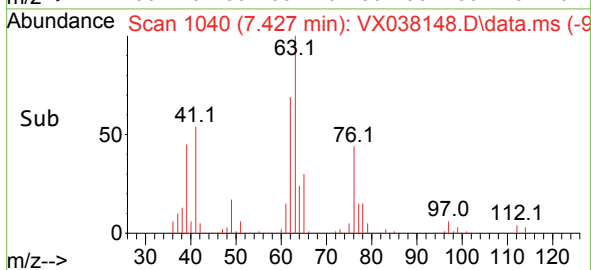
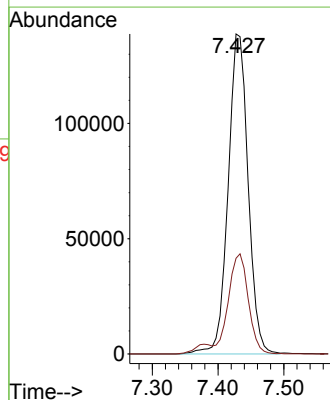
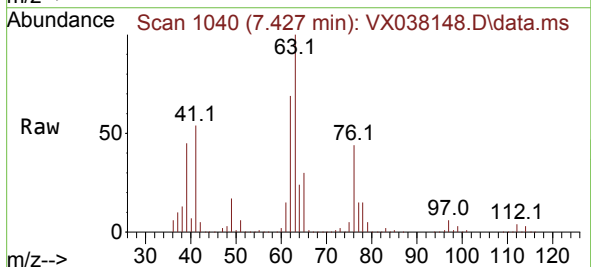
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

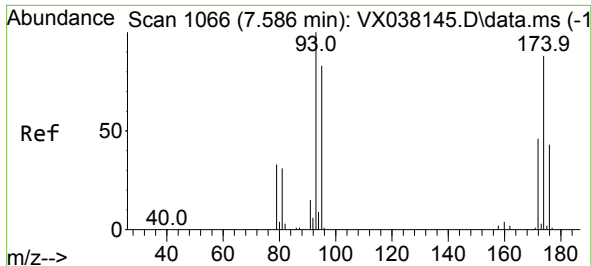
Tgt Ion: 83 Resp: 485950
Ion Ratio Lower Upper
83 100
55 71.1 38.1 114.5
98 46.9 24.4 73.4



#39
1,2-Dichloropropane
Concen: 143.326 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion: 63 Resp: 293336
Ion Ratio Lower Upper
63 100
65 29.8 26.4 39.6

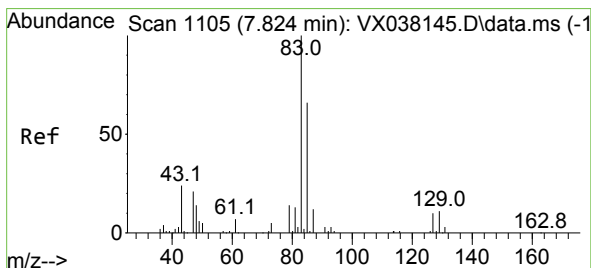
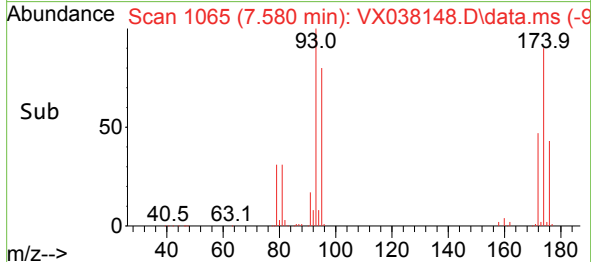
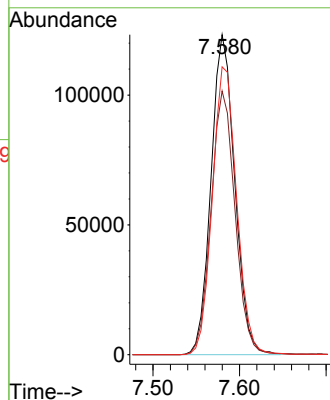
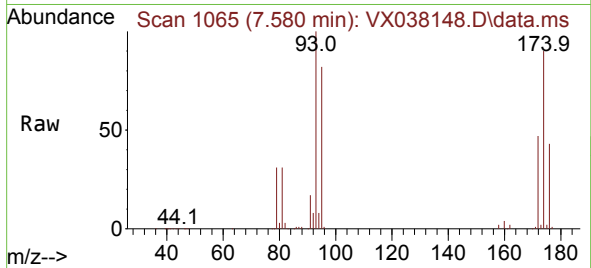




#40
Dibromomethane
Concen: 146.972 ug/l
RT: 7.580 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

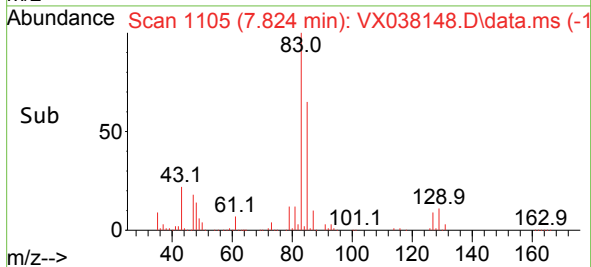
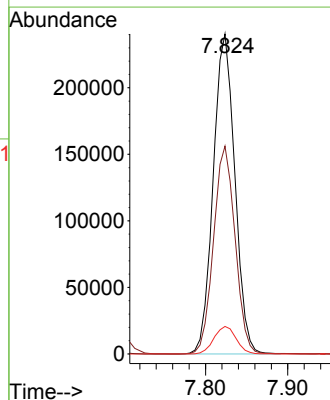
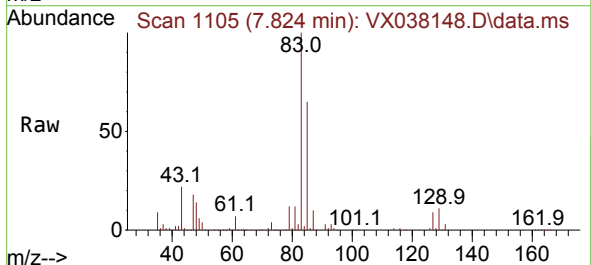
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

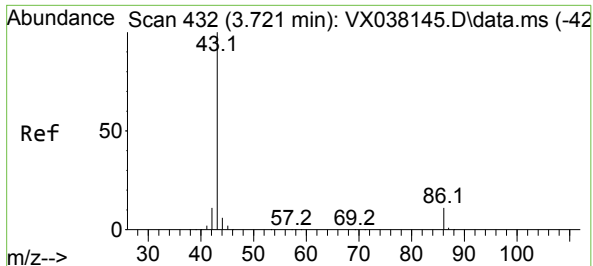
Tgt Ion: 93 Resp: 235046
Ion Ratio Lower Upper
93 100
95 83.4 0.0 166.8
174 92.2 0.0 191.6



#41
Bromodichloromethane
Concen: 153.034 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion: 83 Resp: 438736
Ion Ratio Lower Upper
83 100
85 64.9 51.5 77.3
127 8.6 6.4 9.6

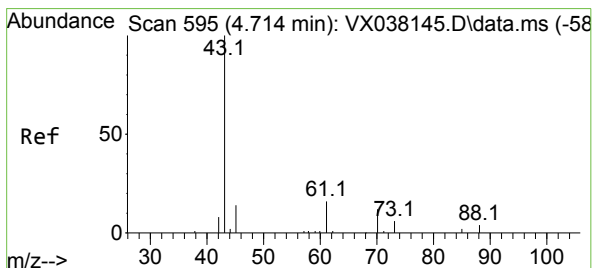
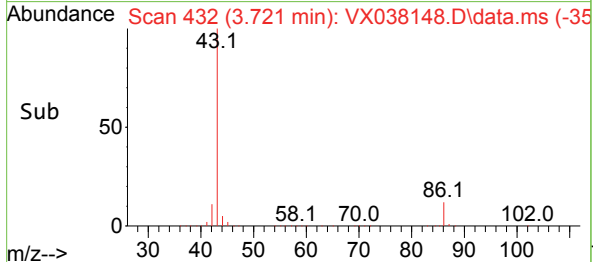
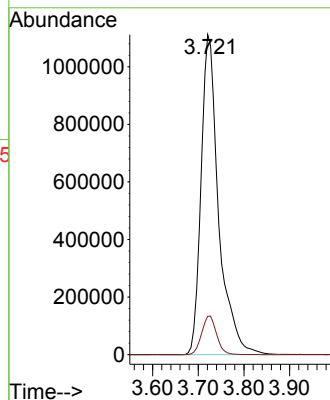
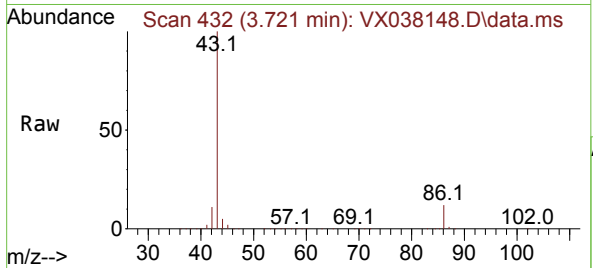




#42
 Vinyl Acetate
 Concen: 758.305 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038148.D
 Acq: 07 Oct 2023 00:15

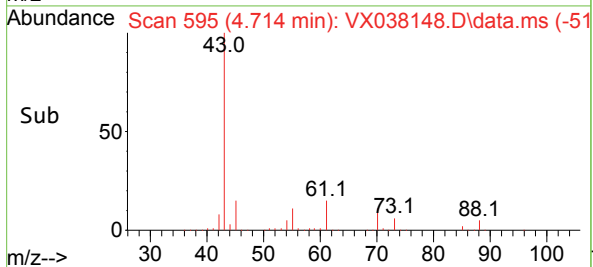
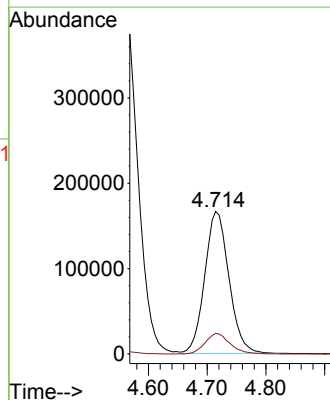
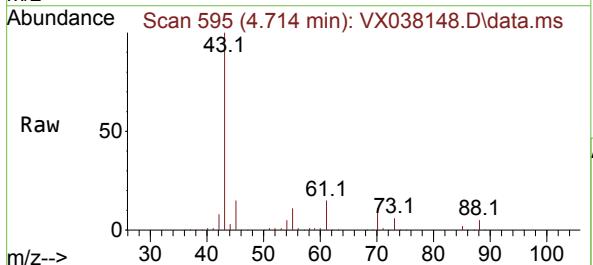
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

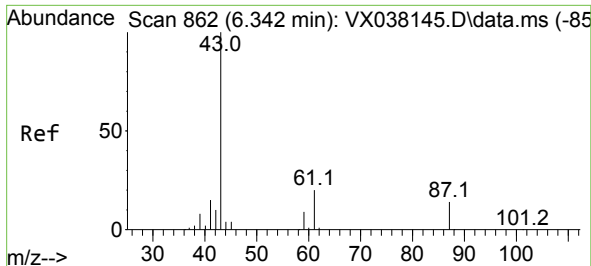
Tgt Ion: 43 Resp: 2960846
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.4 11.0



#43
 Ethyl Acetate
 Concen: 145.281 ug/l
 RT: 4.714 min Scan# 595
 Delta R.T. -0.000 min
 Lab File: VX038148.D
 Acq: 07 Oct 2023 00:15

Tgt Ion: 43 Resp: 476751
 Ion Ratio Lower Upper
 43 100
 45 14.9 12.6 18.8

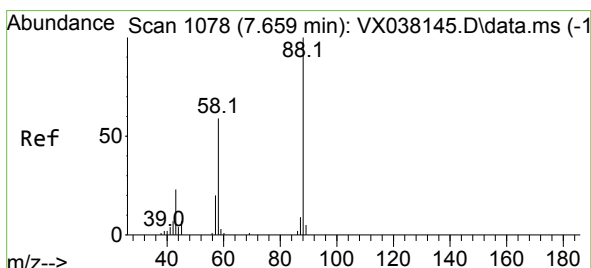
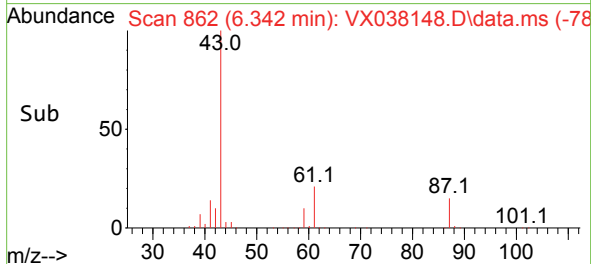
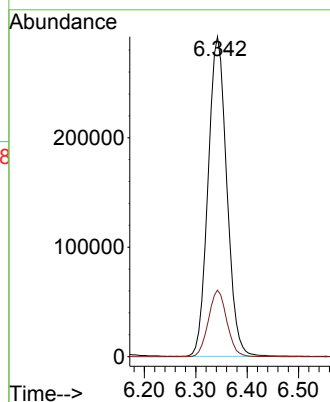
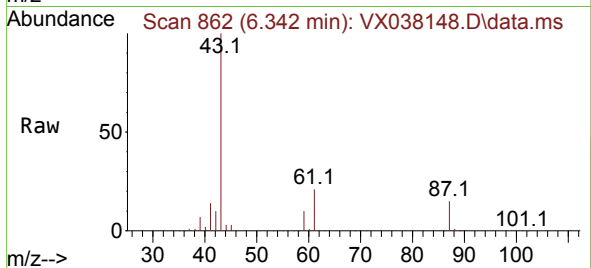




#44
Isopropyl Acetate
Concen: 151.057 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

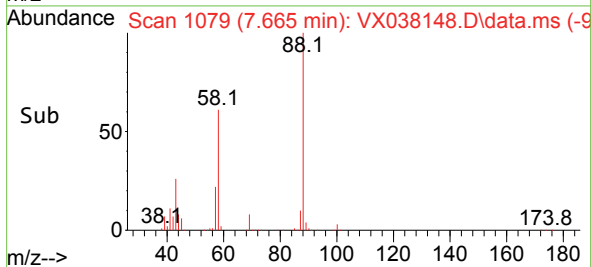
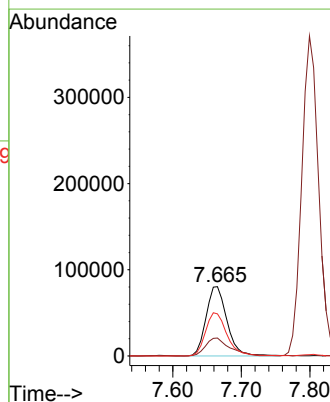
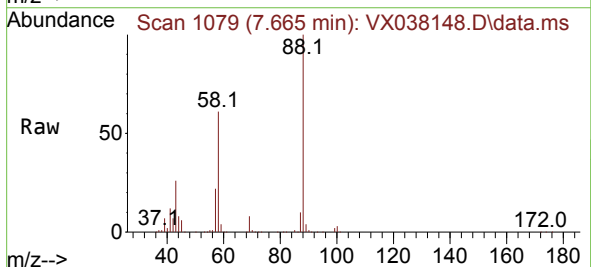
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

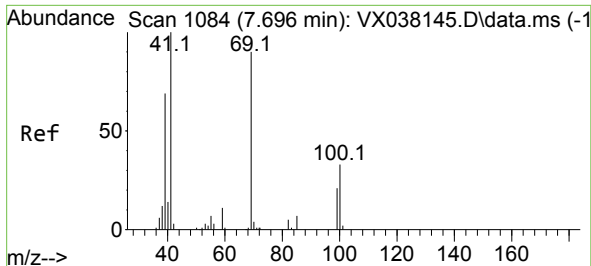
Tgt Ion: 43 Resp: 737937
Ion Ratio Lower Upper
43 100
61 20.5 15.4 23.0



#45
1,4-Dioxane
Concen: 2741.892 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion: 88 Resp: 170217
Ion Ratio Lower Upper
88 100
43 29.6 297.5 446.3#
58 64.0 1.0 1.4#

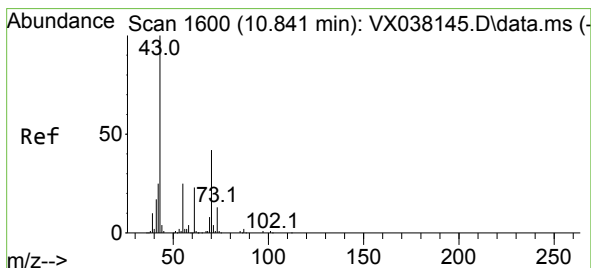
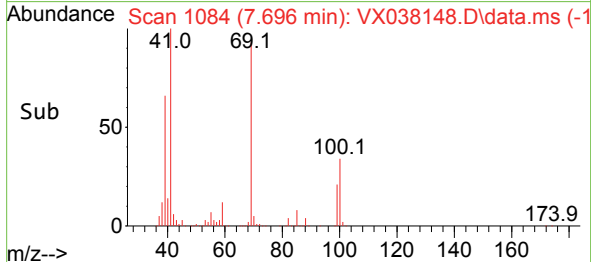
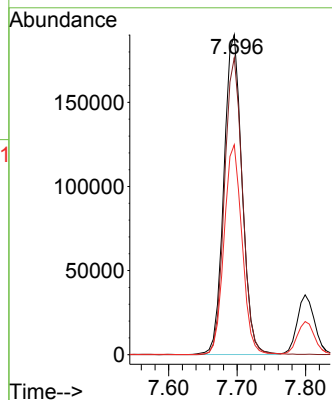
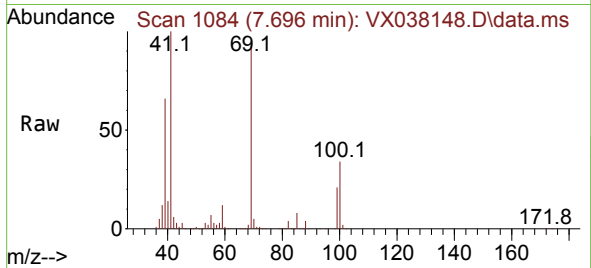




#46
Methyl methacrylate
Concen: 145.033 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

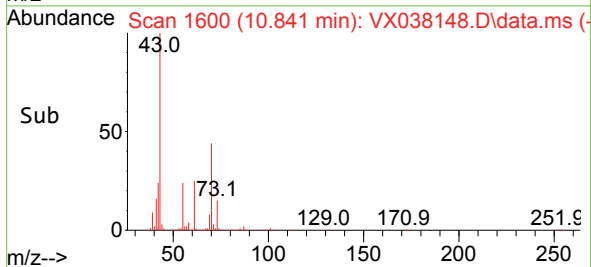
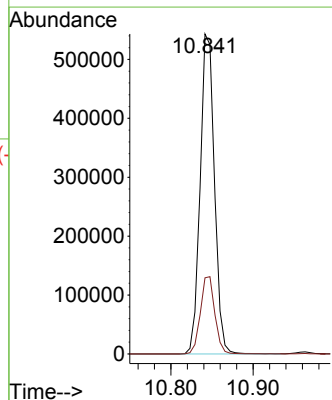
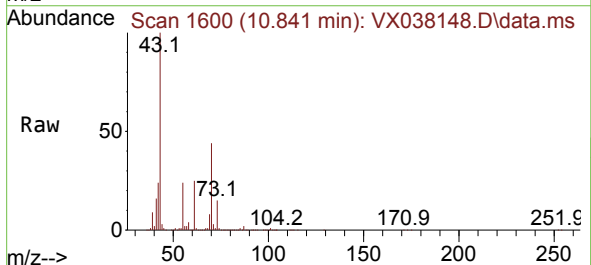
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

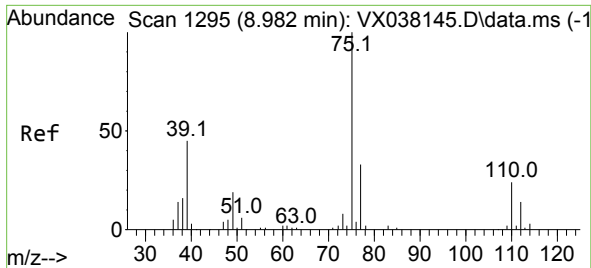
Tgt Ion: 41 Resp: 349315
Ion Ratio Lower Upper
41 100
69 92.9 44.4 133.1
39 65.6 34.9 104.7



#47
n-amy1 Acetate
Concen: 154.689 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion: 43 Resp: 656032
Ion Ratio Lower Upper
43 100
55 24.4 18.6 28.0

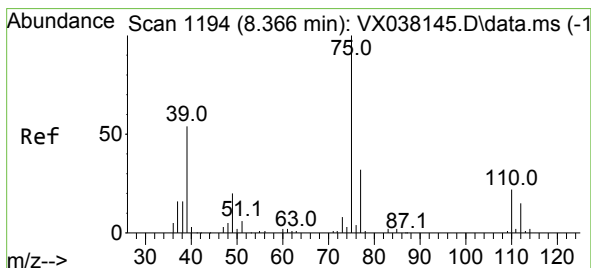
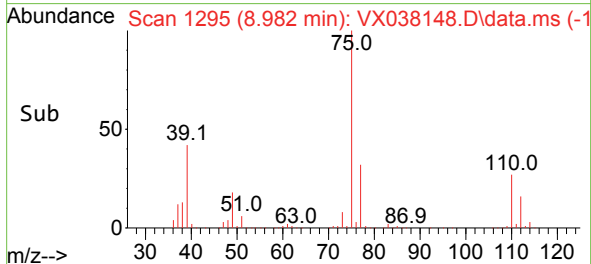
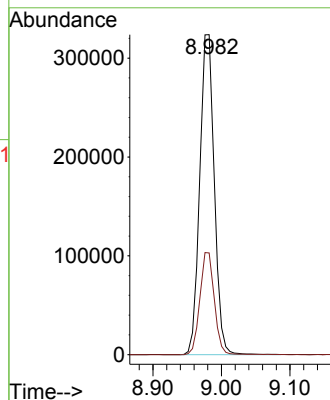
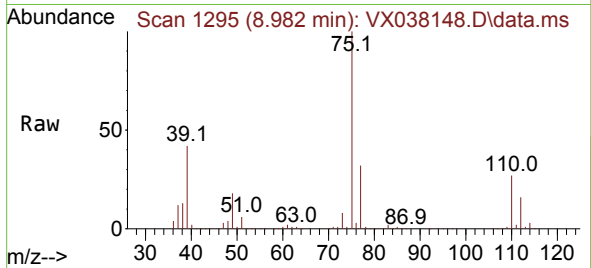




#48
t-1,3-Dichloropropene
Concen: 163.017 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

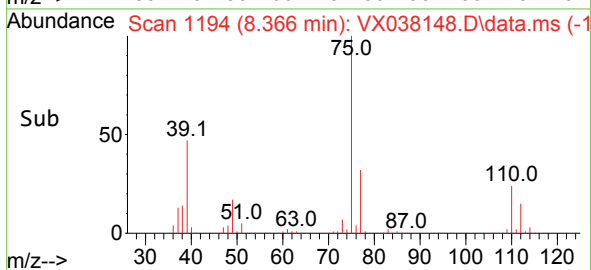
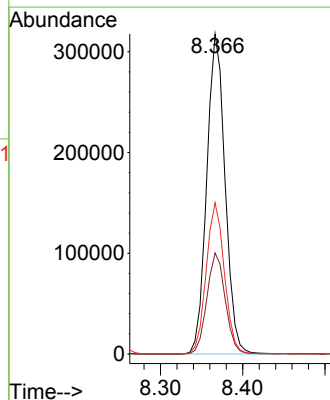
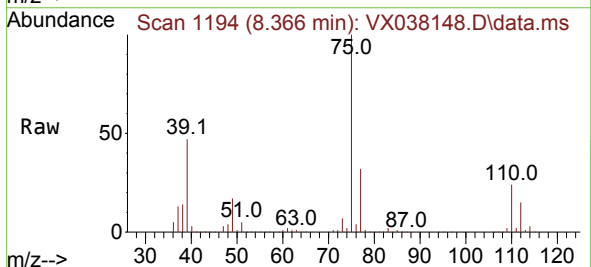
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

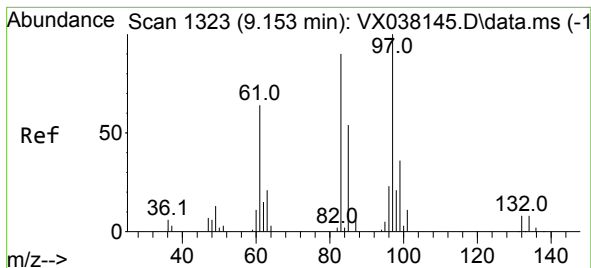
Tgt Ion: 75 Resp: 480388
Ion Ratio Lower Upper
75 100
77 31.8 26.8 40.2



#49
cis-1,3-Dichloropropene
Concen: 157.386 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion: 75 Resp: 491726
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2
39 47.2 40.2 60.4





#50

1,1,2-Trichloroethane

Concen: 145.091 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX038148.D

Acq: 07 Oct 2023 00:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 97 Resp: 327594

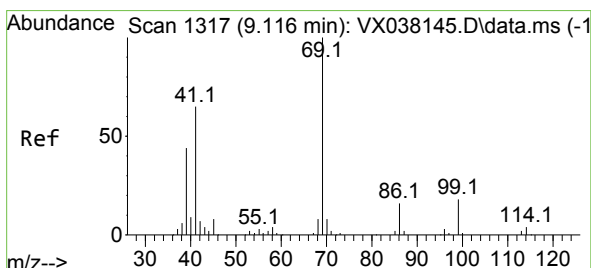
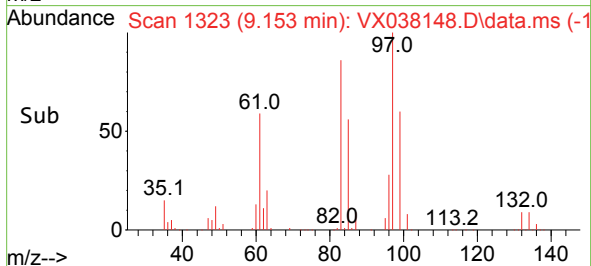
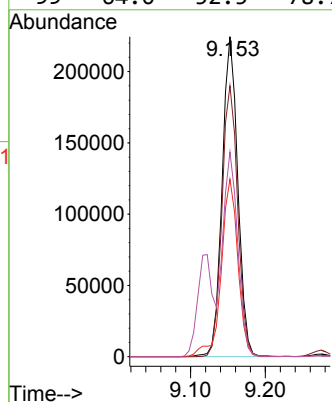
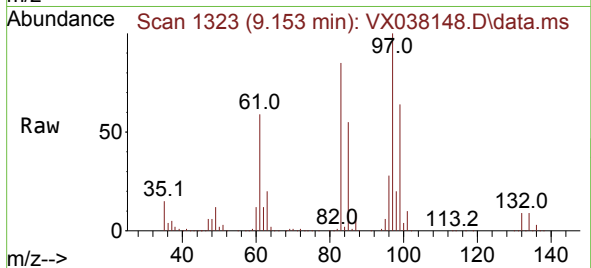
Ion Ratio Lower Upper

97 100

83 84.7 70.0 105.0

85 55.4 46.1 69.1

99 64.0 52.5 78.7



#51

Ethyl methacrylate

Concen: 153.879 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX038148.D

Acq: 07 Oct 2023 00:15

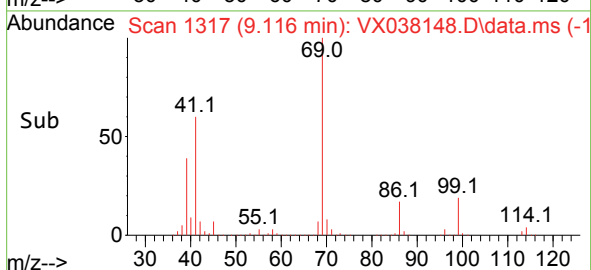
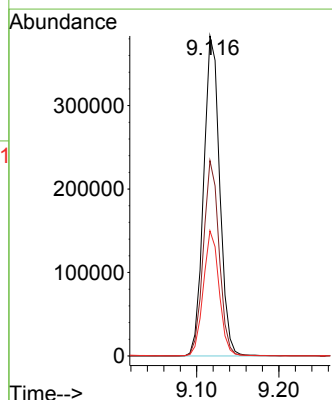
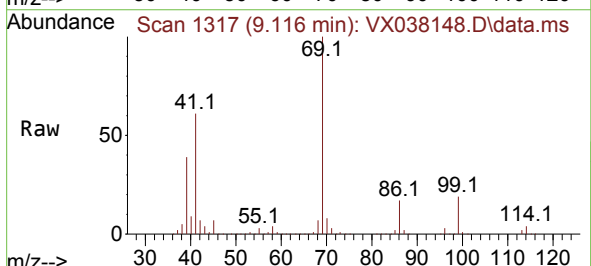
Tgt Ion: 69 Resp: 520325

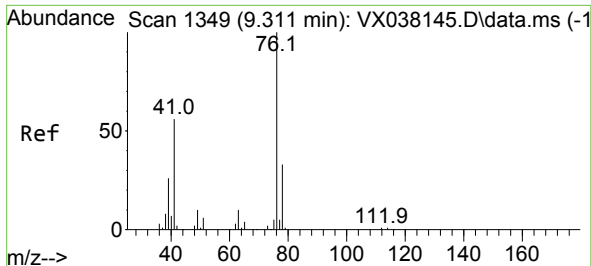
Ion Ratio Lower Upper

69 100

41 61.0 32.0 96.0

39 39.0 19.4 58.4





#52

1,3-Dichloropropane

Concen: 142.918 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VX038148.D

Acq: 07 Oct 2023 00:15

Instrument :

MSVOA_X

ClientSampleId :

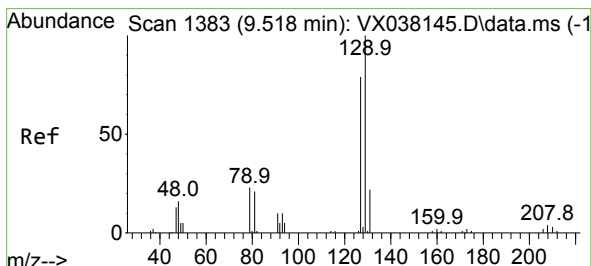
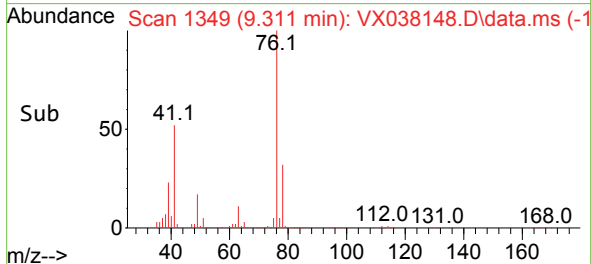
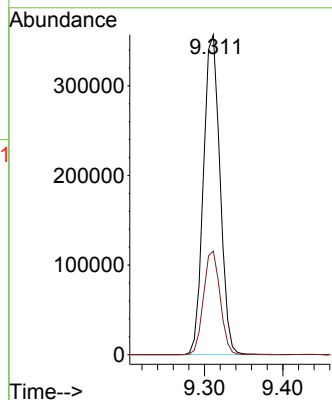
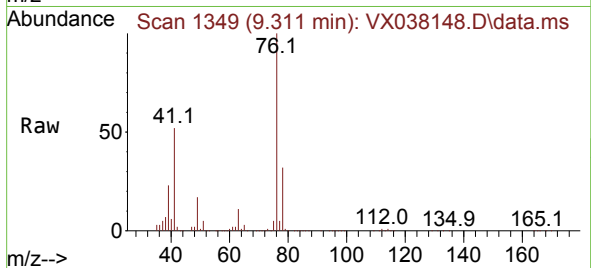
VSTDIC150

Tgt Ion: 76 Resp: 524756

Ion Ratio Lower Upper

76 100

78 32.4 0.0 63.6



#53

Dibromochloromethane

Concen: 162.571 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX038148.D

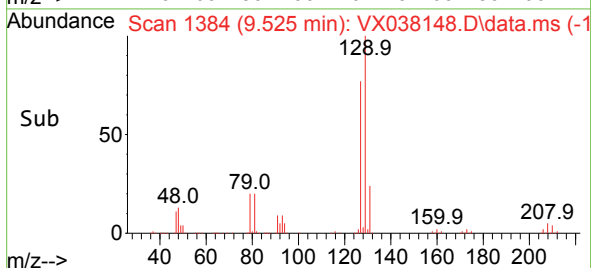
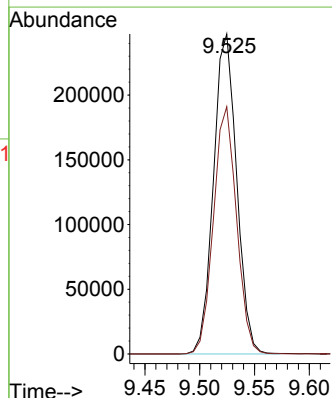
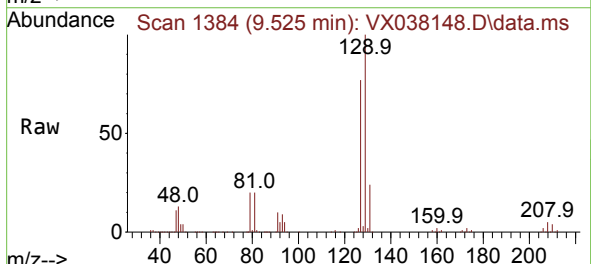
Acq: 07 Oct 2023 00:15

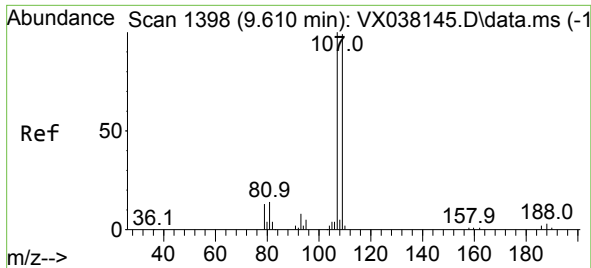
Tgt Ion: 129 Resp: 363622

Ion Ratio Lower Upper

129 100

127 76.9 38.6 115.8

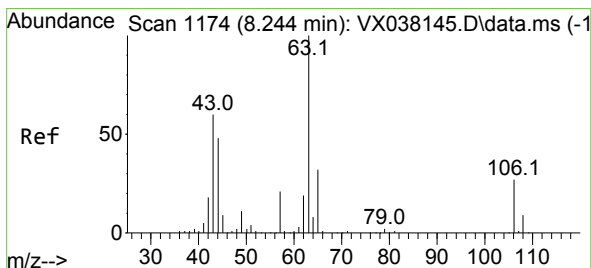
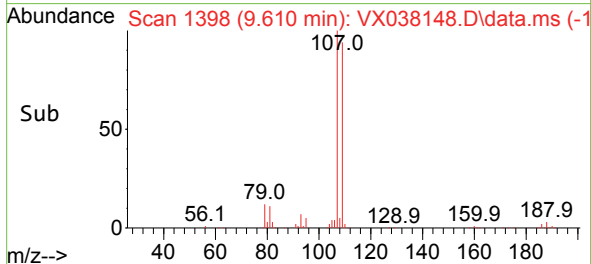
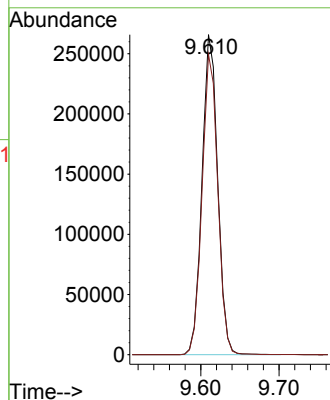
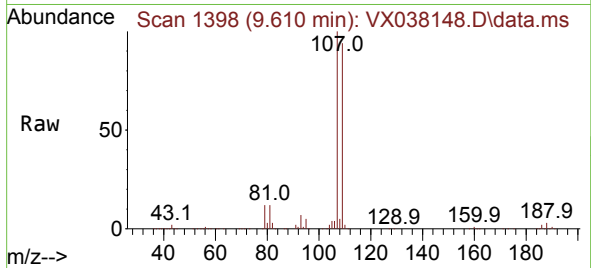




#54
 1,2-Dibromoethane
 Concen: 149.634 ug/l
 RT: 9.610 min Scan# 1398
 Delta R.T. 0.000 min
 Lab File: VX038148.D
 Acq: 07 Oct 2023 00:15

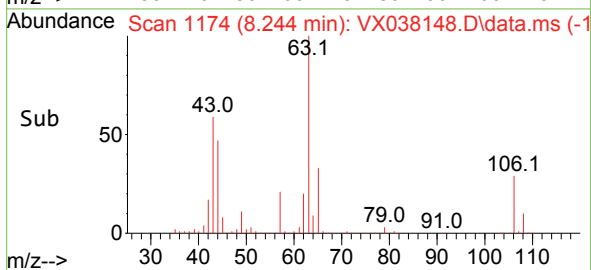
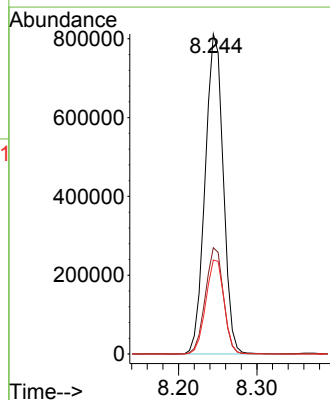
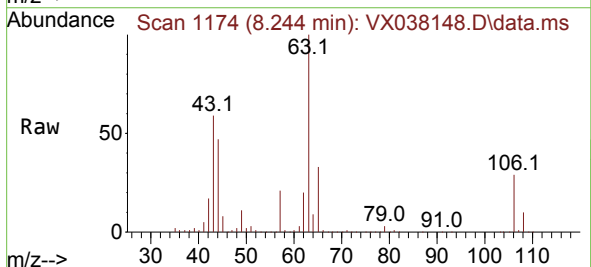
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

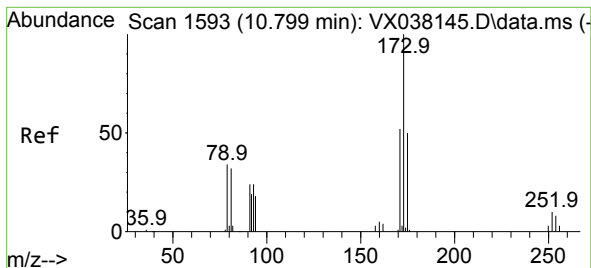
Tgt Ion:107 Resp: 369178
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.7 112.1



#55
 2-Chloroethyl vinyl ether
 Concen: 763.712 ug/l
 RT: 8.244 min Scan# 1174
 Delta R.T. -0.000 min
 Lab File: VX038148.D
 Acq: 07 Oct 2023 00:15

Tgt Ion: 63 Resp: 1303433
 Ion Ratio Lower Upper
 63 100
 65 32.9 25.9 38.9
 106 29.7 21.8 32.8





#56

Bromoform

Concen: 168.007 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038148.D

Acq: 07 Oct 2023 00:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

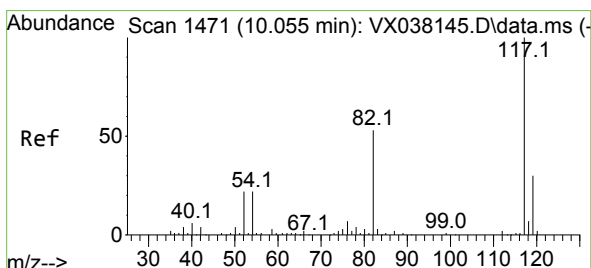
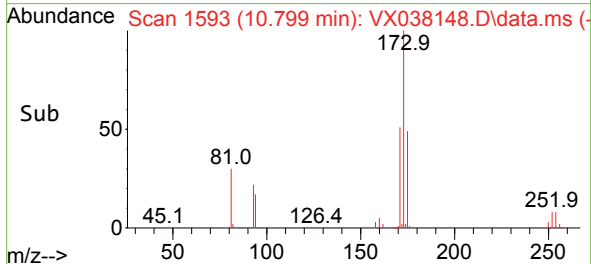
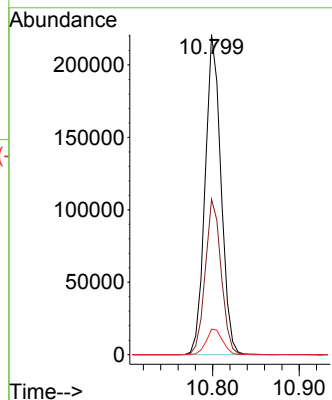
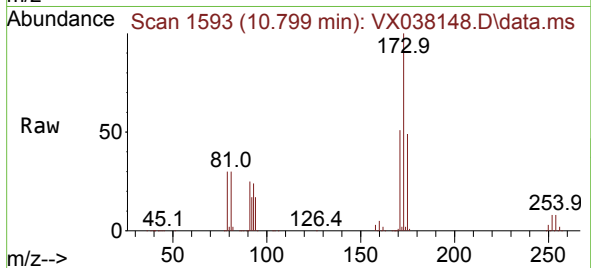
Tgt Ion:173 Resp: 280839

Ion Ratio Lower Upper

173 100

175 48.6 38.1 57.1

254 8.3 6.7 10.1



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX038148.D

Acq: 07 Oct 2023 00:15

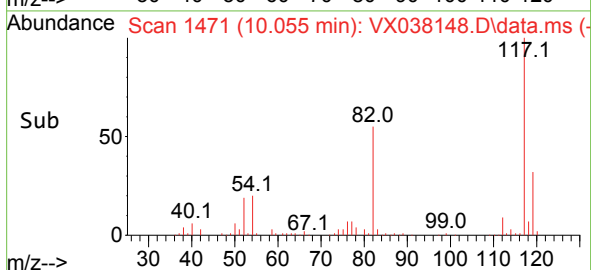
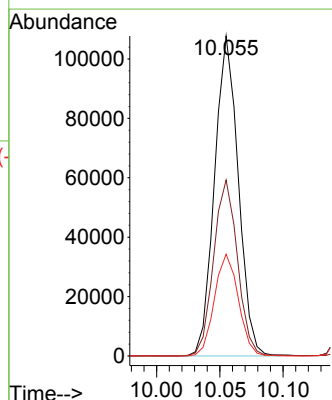
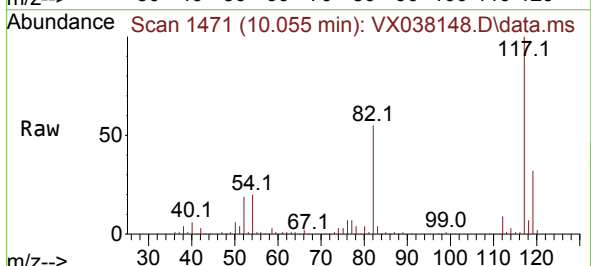
Tgt Ion:117 Resp: 140716

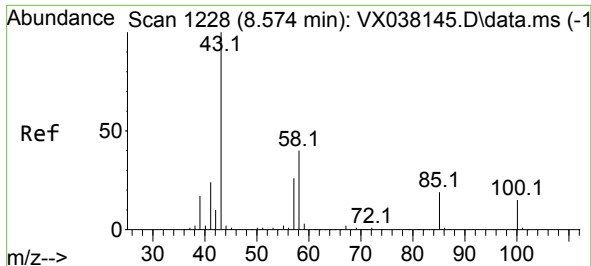
Ion Ratio Lower Upper

117 100

82 55.4 44.7 67.1

119 32.1 25.6 38.4



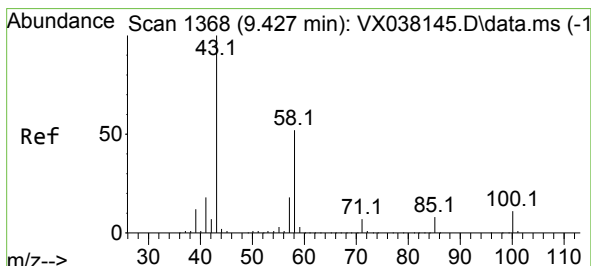
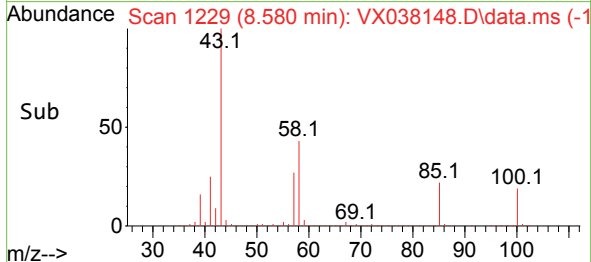
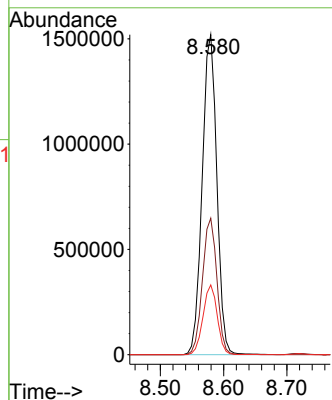
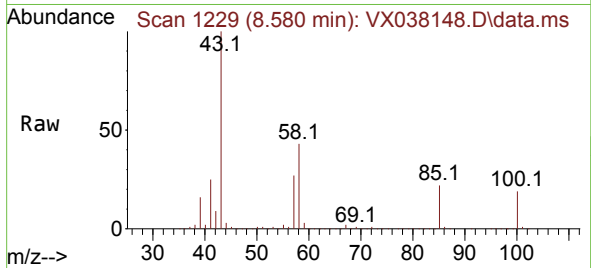


#58
4-Methyl-2-Pentanone
Concen: 695.417 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 2449321

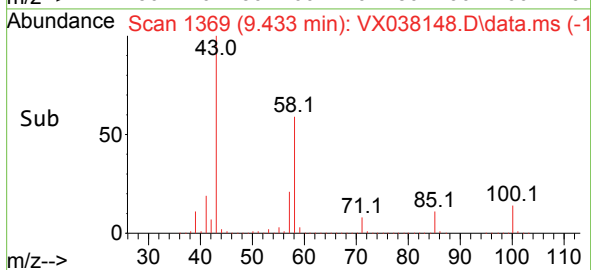
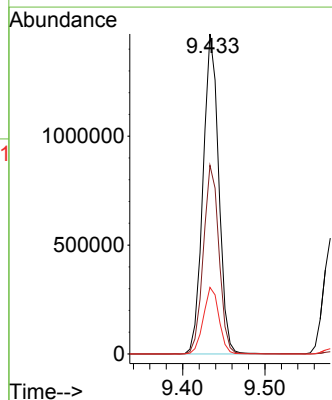
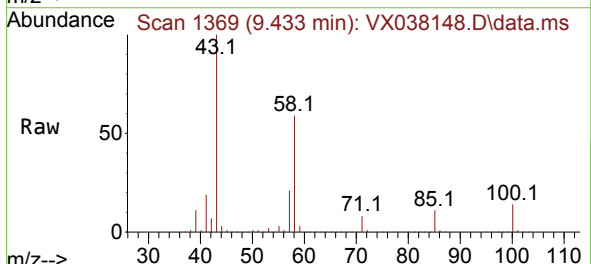
Ion	Ratio	Lower	Upper
43	100		
58	42.1	30.9	46.3
85	21.3	14.4	21.6

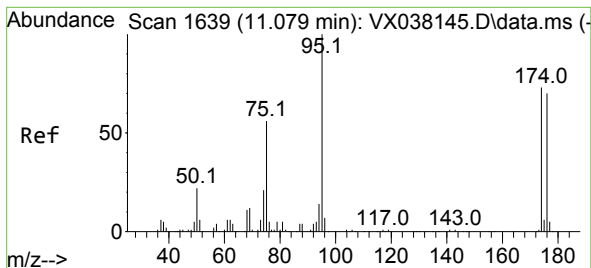


#59
2-Hexanone
Concen: 687.522 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion: 43 Resp: 1946851

Ion	Ratio	Lower	Upper
43	100		
58	58.7	43.4	65.2
57	20.7	15.1	22.7

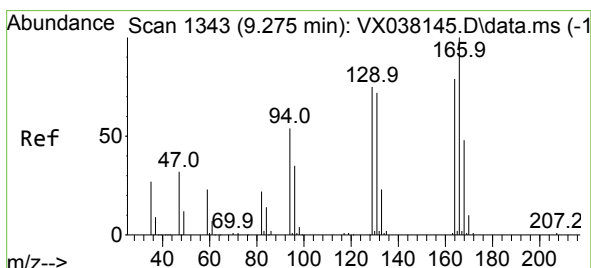
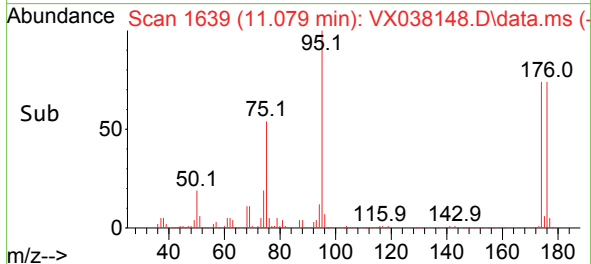
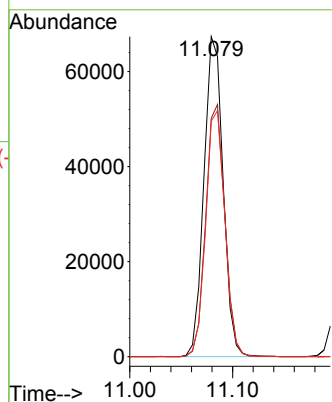
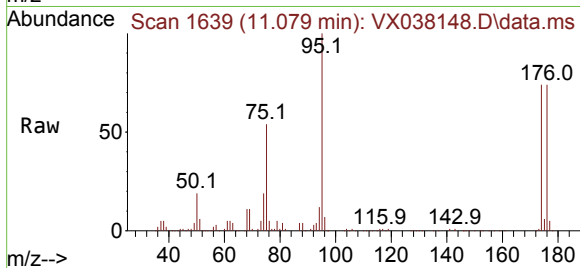




#60
4-Bromofluorobenzene
Concen: 29.811 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

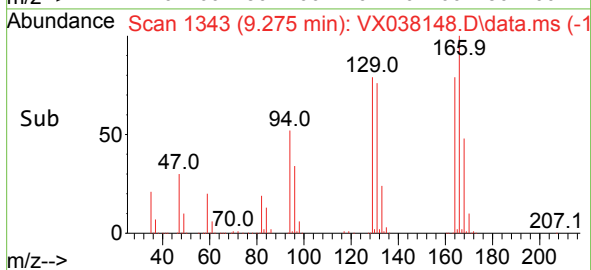
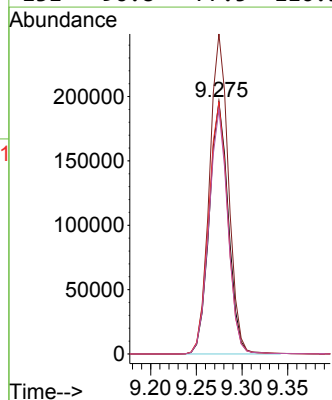
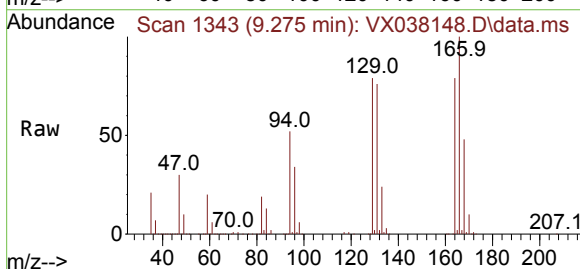
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

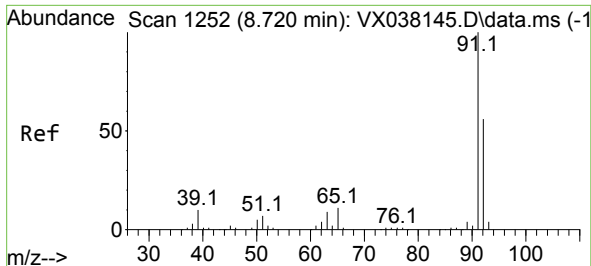
Tgt Ion: 95 Resp: 87386
Ion Ratio Lower Upper
95 100
174 78.7 60.5 90.7
176 77.0 58.2 87.4



#61
Tetrachloroethene
Concen: 147.434 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion: 164 Resp: 283475
Ion Ratio Lower Upper
164 100
166 126.8 104.5 156.7
129 99.8 78.0 117.0
131 96.8 77.5 116.3

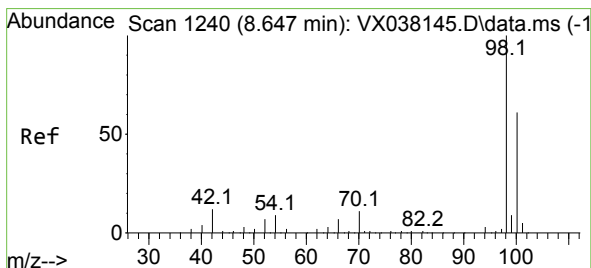
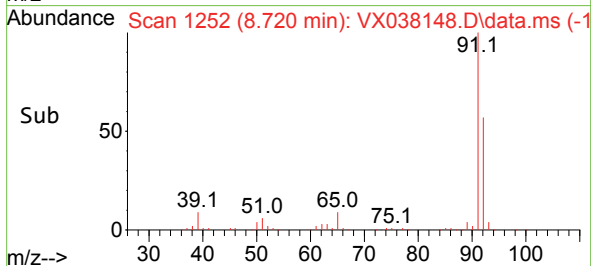
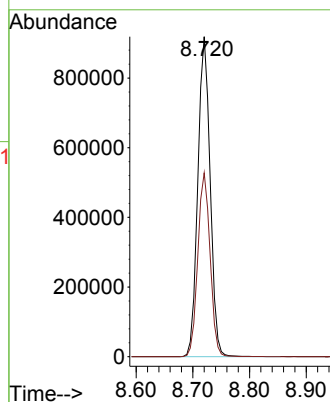
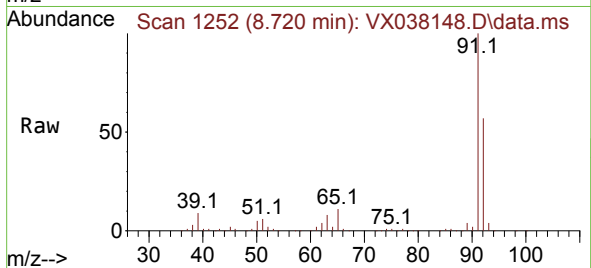




#62
Toluene
Concen: 147.607 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

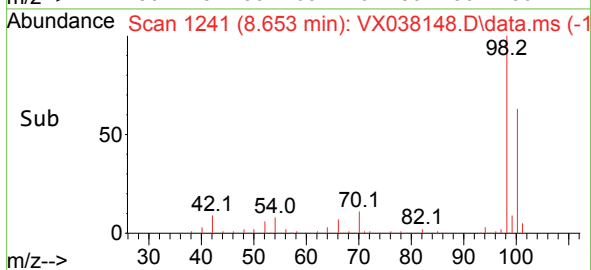
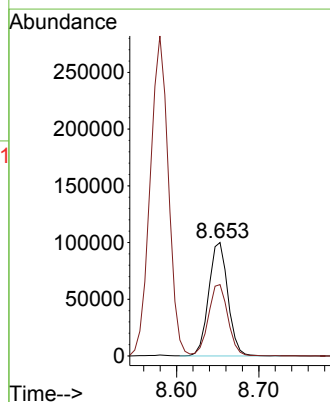
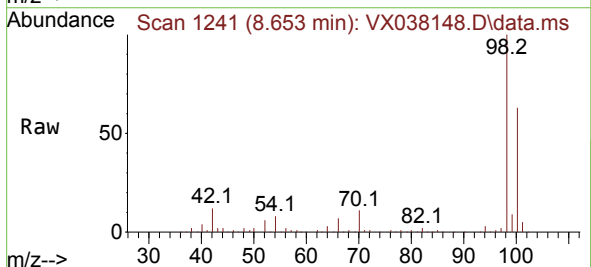
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

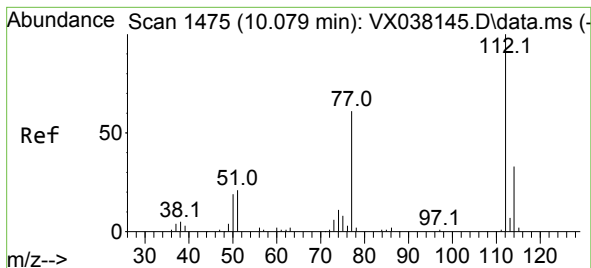
Tgt Ion: 91 Resp: 1383889
Ion Ratio Lower Upper
91 100
92 57.3 44.9 67.3



#63
Toluene-d8
Concen: 29.786 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion: 98 Resp: 162301
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4

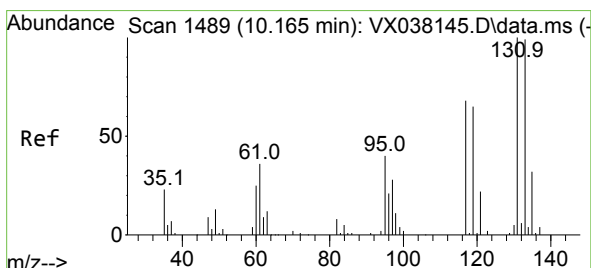
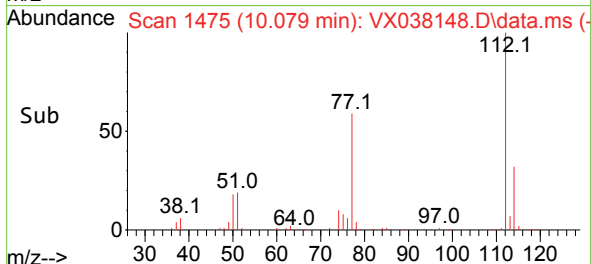
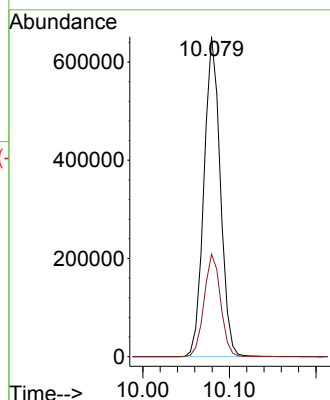
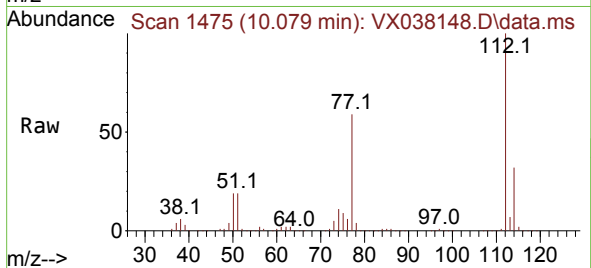




#64
Chlorobenzene
Concen: 145.437 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

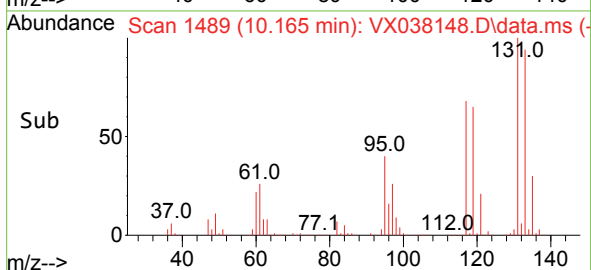
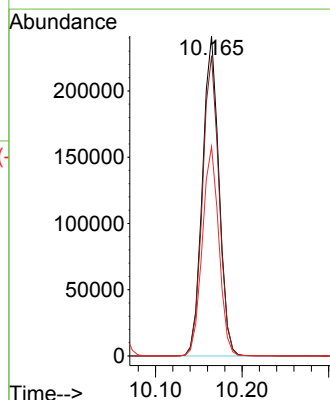
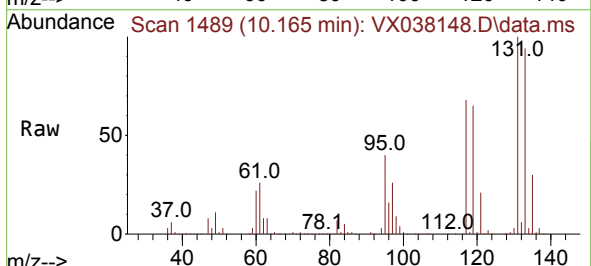
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

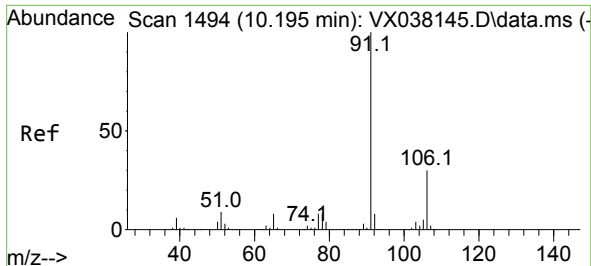
Tgt Ion:112 Resp: 853873
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#65
1,1,1,2-Tetrachloroethane
Concen: 155.692 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion:131 Resp: 318640
Ion Ratio Lower Upper
131 100
133 94.3 0.0 192.0
119 65.7 0.0 132.8

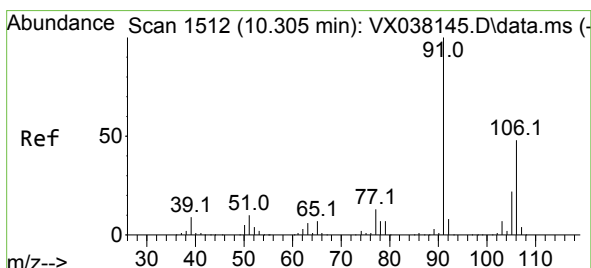
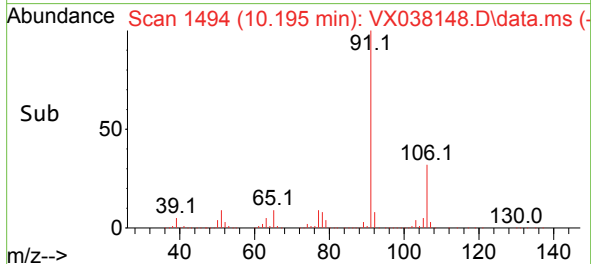
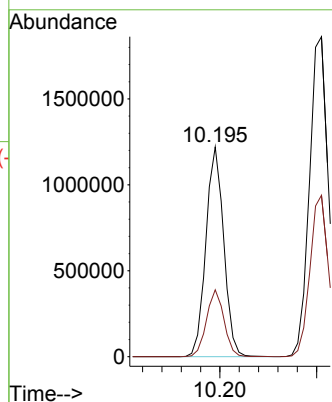
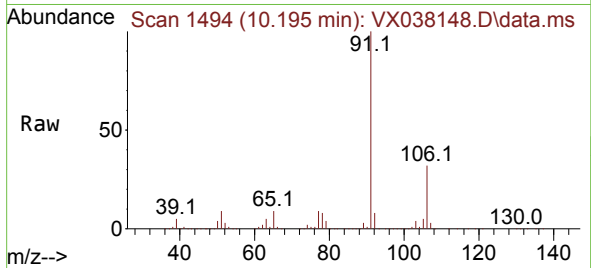




#66
Ethyl Benzene
Concen: 146.928 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

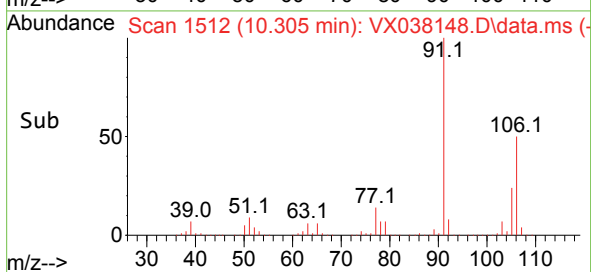
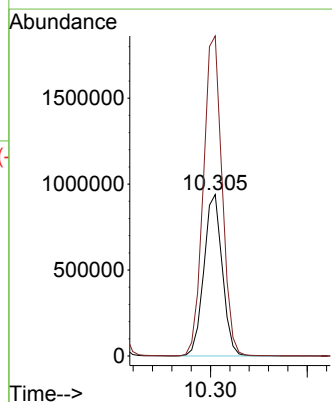
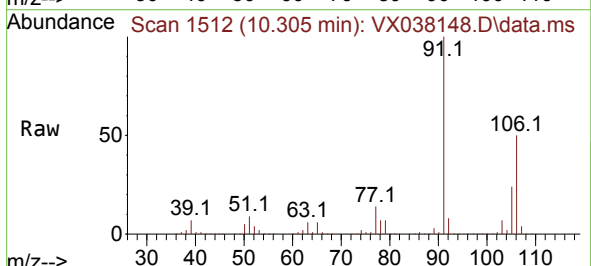
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

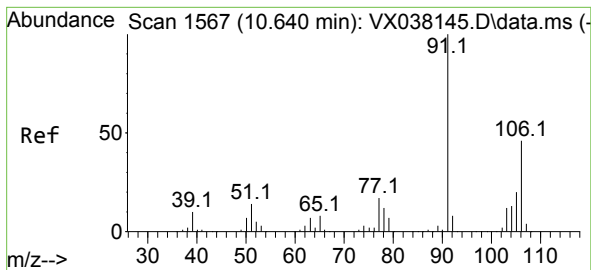
Tgt Ion: 91 Resp: 1562033
Ion Ratio Lower Upper
91 100
106 31.9 24.2 36.4



#67
m/p-Xylenes
Concen: 301.556 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion:106 Resp: 1243718
Ion Ratio Lower Upper
106 100
91 201.9 160.5 240.7

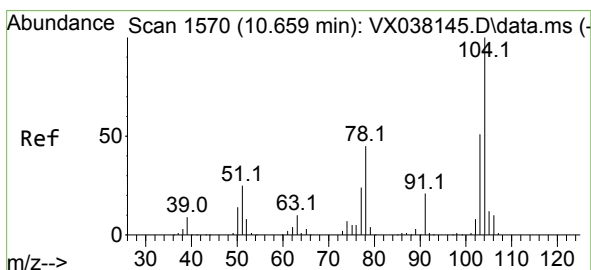
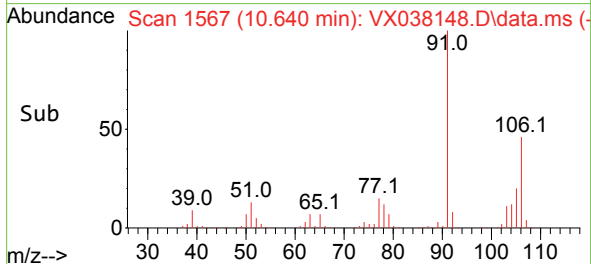
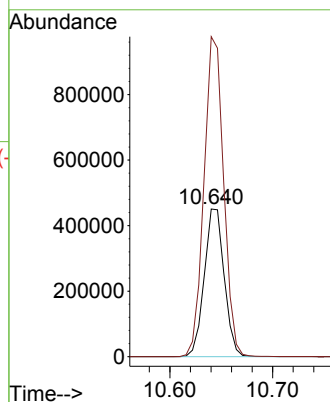
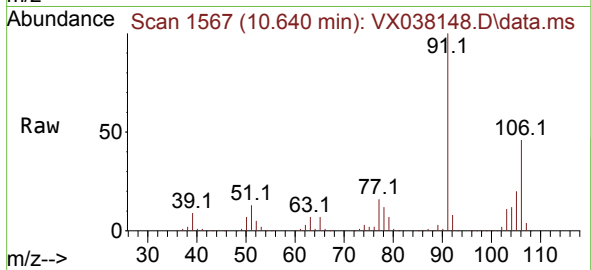




#68
o-Xylene
Concen: 152.020 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

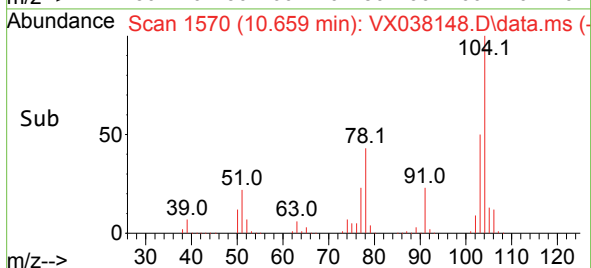
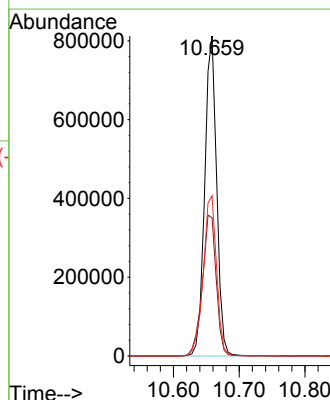
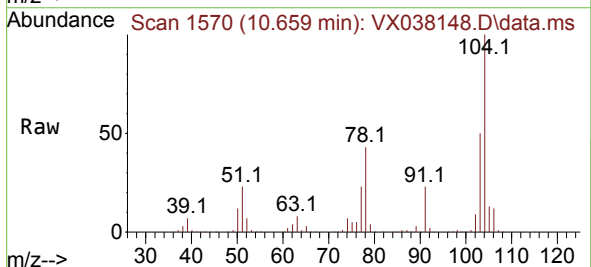
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

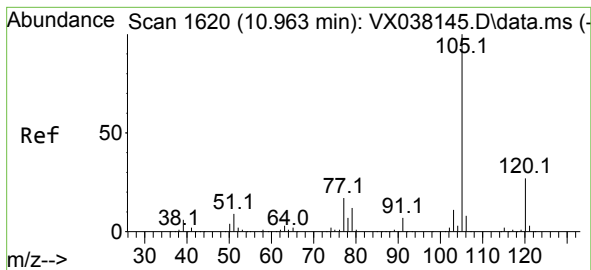
Tgt Ion:106 Resp: 608355
Ion Ratio Lower Upper
106 100
91 213.8 105.4 316.1



#69
Styrene
Concen: 154.153 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion:104 Resp: 1025064
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.4
103 56.0 45.5 68.3





#70

Isopropylbenzene

Concen: 149.121 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038148.D

Acq: 07 Oct 2023 00:15

Instrument :

MSVOA_X

ClientSampleId :

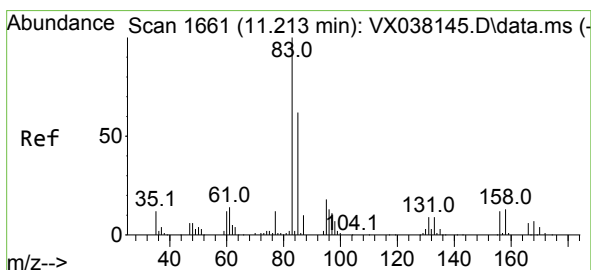
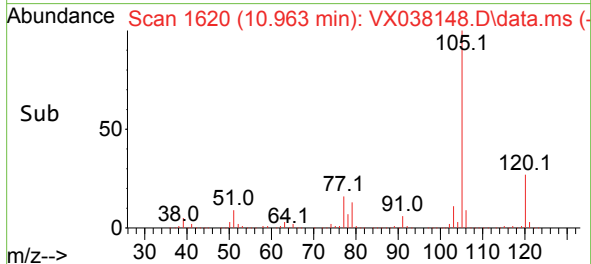
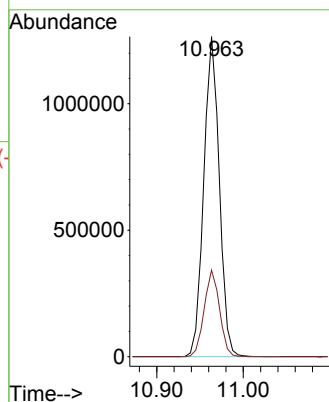
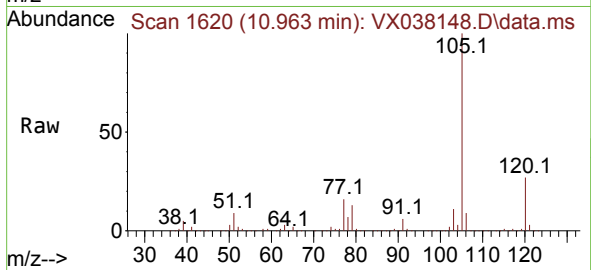
VSTDIC150

Tgt Ion:105 Resp: 1573762

Ion Ratio Lower Upper

105 100

120 26.8 19.5 36.3



#71

1,1,2,2-Tetrachloroethane

Concen: 140.107 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX038148.D

Acq: 07 Oct 2023 00:15

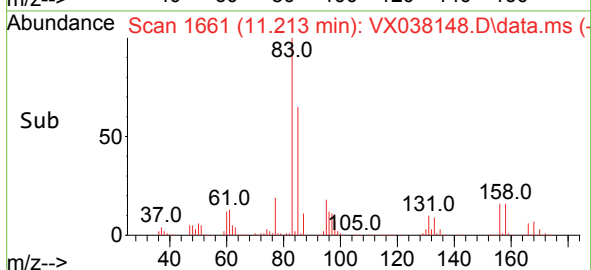
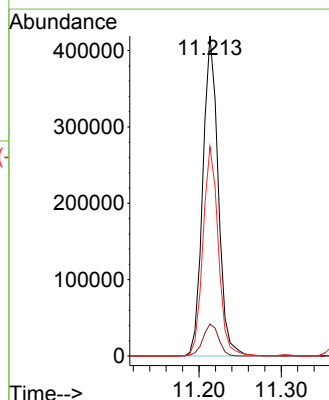
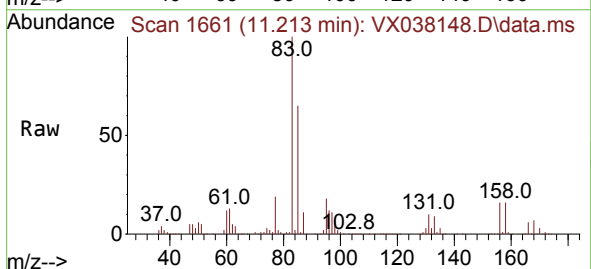
Tgt Ion: 83 Resp: 545005

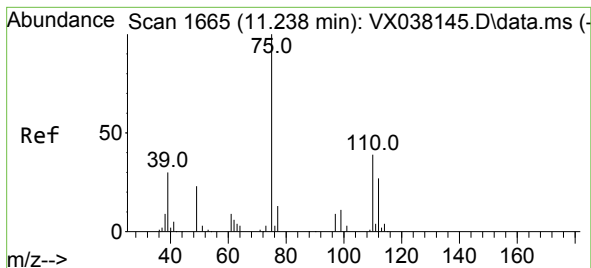
Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.8

85 65.1 32.4 97.0

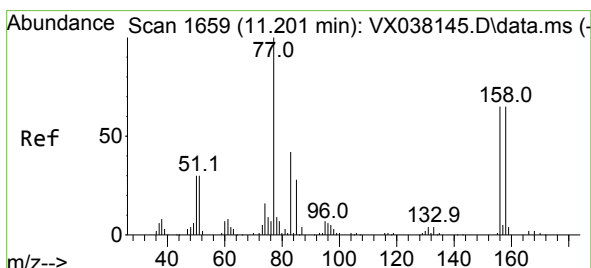
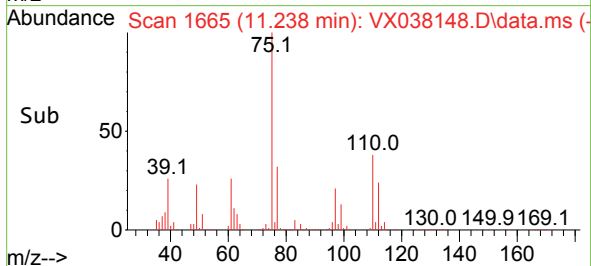
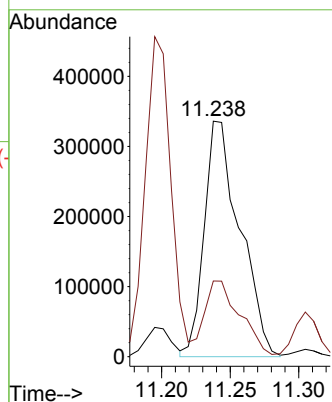
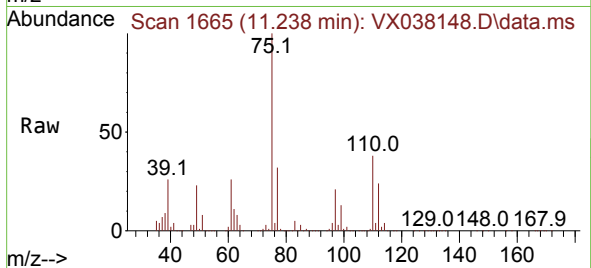




#72
1,2,3-Trichloropropane
Concen: 172.040 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

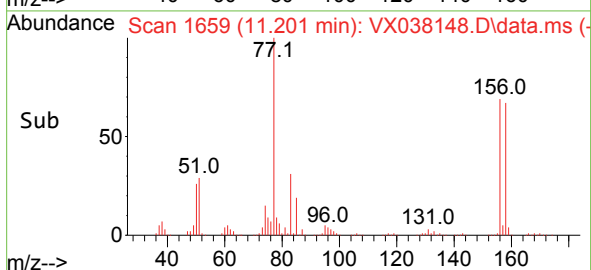
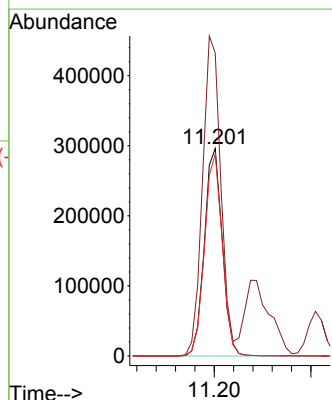
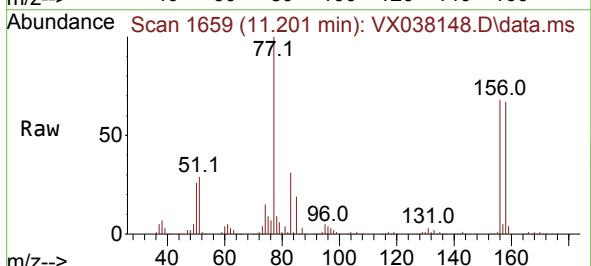
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

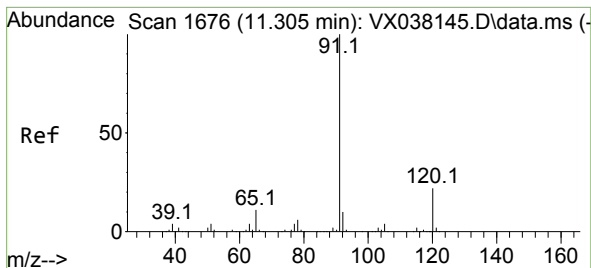
Tgt Ion: 75 Resp: 608639
Ion Ratio Lower Upper
75 100
77 32.4 0.0 77.2



#73
Bromobenzene
Concen: 145.801 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion: 156 Resp: 381015
Ion Ratio Lower Upper
156 100
77 156.5 0.0 333.0
158 96.5 0.0 196.4





#74

n-propylbenzene

Concen: 145.718 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038148.D

Acq: 07 Oct 2023 00:15

Instrument :

MSVOA_X

ClientSampleId :

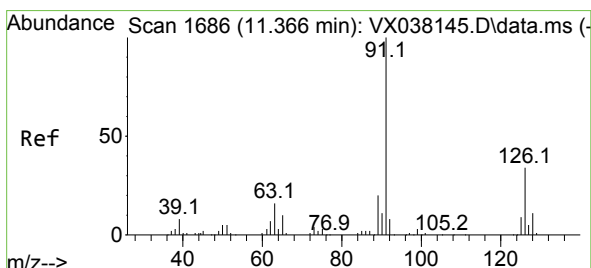
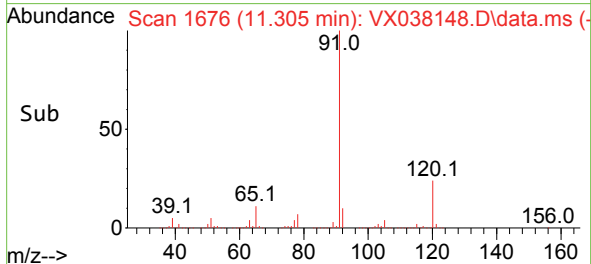
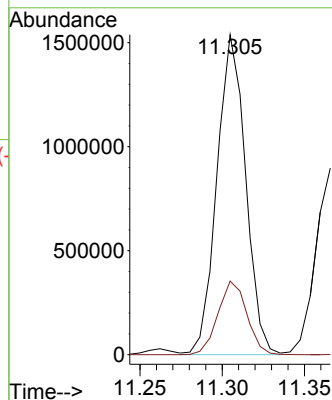
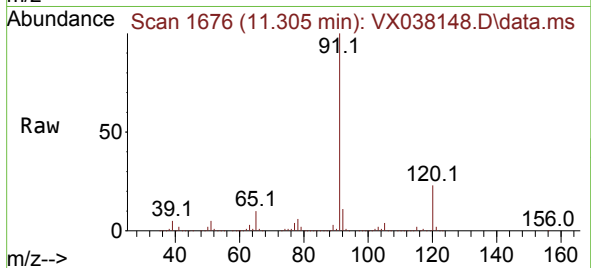
VSTDIC150

Tgt Ion: 91 Resp: 1868837

Ion Ratio Lower Upper

91 100

120 23.1 0.0 46.6



#75

2-Chlorotoluene

Concen: 144.266 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX038148.D

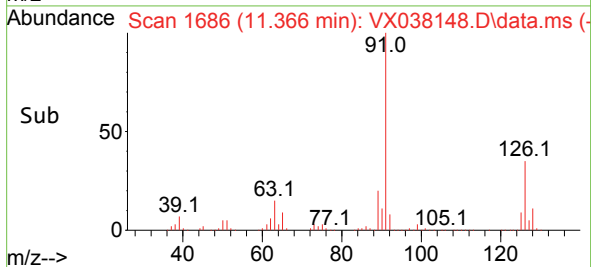
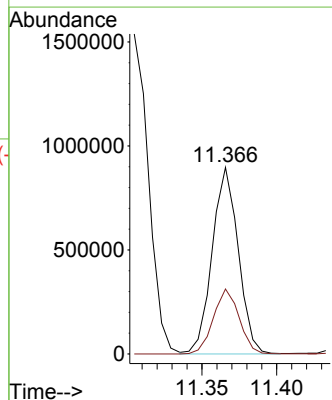
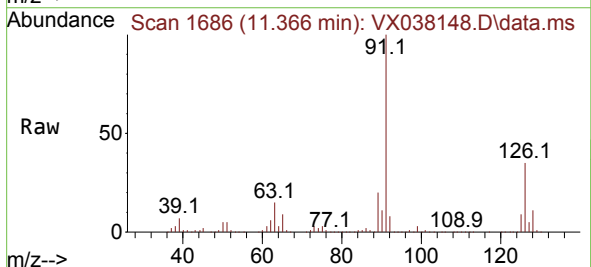
Acq: 07 Oct 2023 00:15

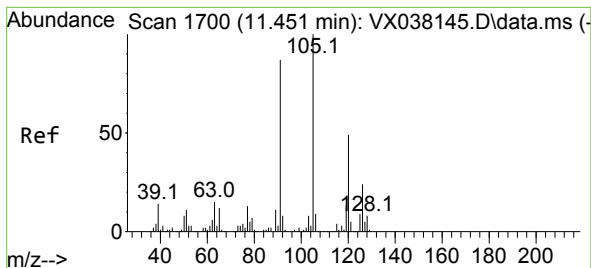
Tgt Ion: 91 Resp: 1087166

Ion Ratio Lower Upper

91 100

126 34.3 0.0 66.2

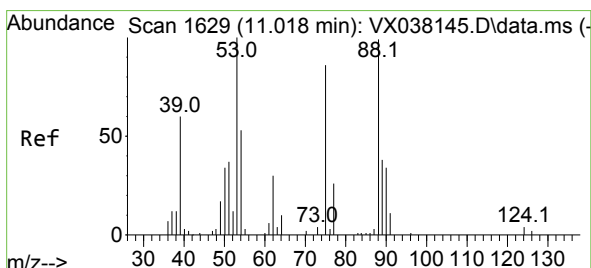
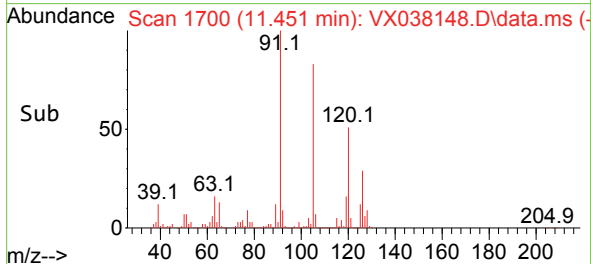
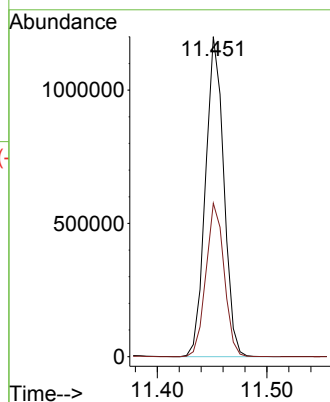
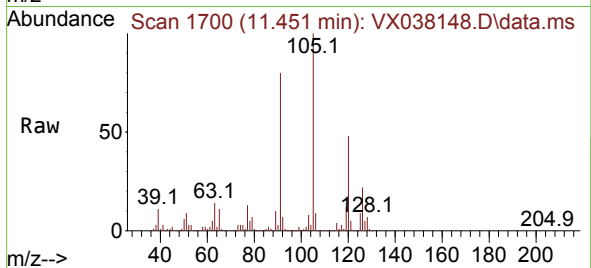




#76
1,3,5-Trimethylbenzene
Concen: 150.683 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

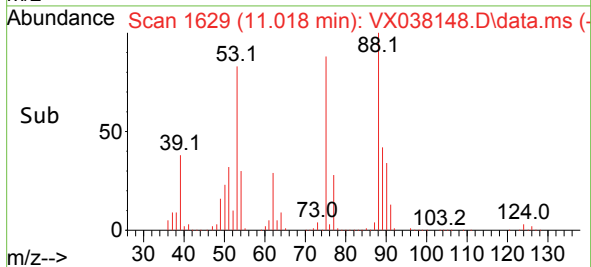
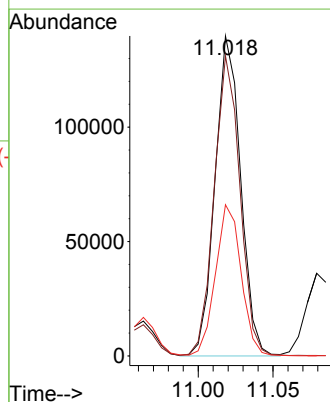
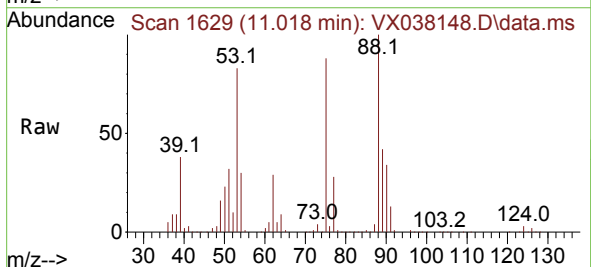
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

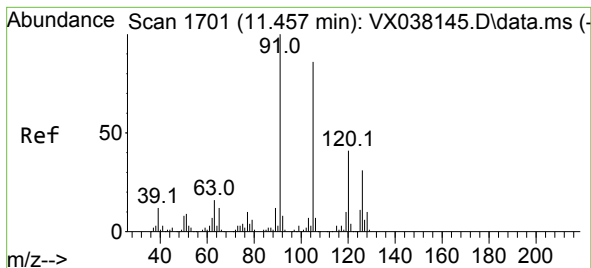
Tgt Ion:105 Resp: 1389671
Ion Ratio Lower Upper
105 100
120 47.8 0.0 96.4



#77
t-1,4-Dichloro-2-butene
Concen: 173.238 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion: 75 Resp: 166827
Ion Ratio Lower Upper
75 100
53 93.7 53.9 161.7
89 47.1 22.1 66.1

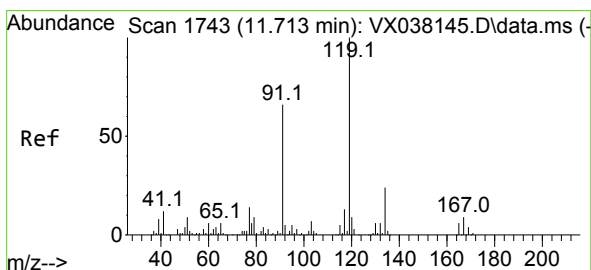
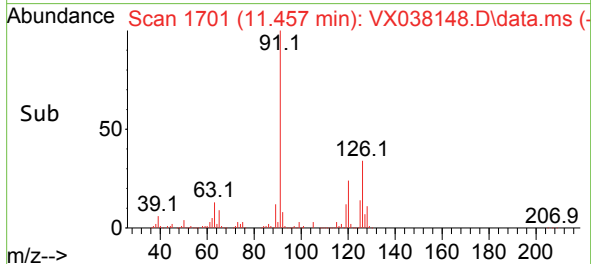
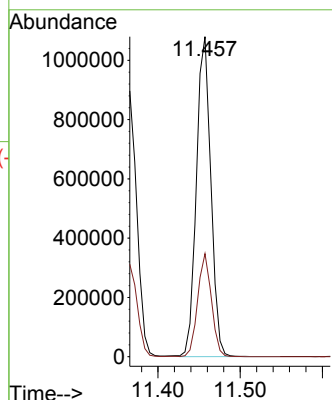
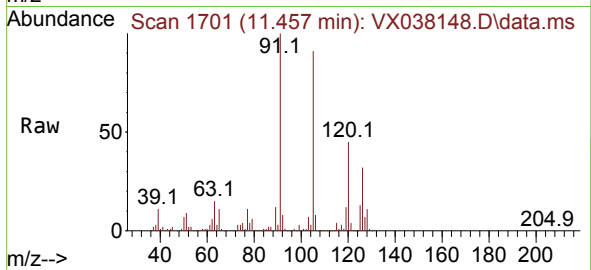




#78
4-Chlorotoluene
Concen: 146.964 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

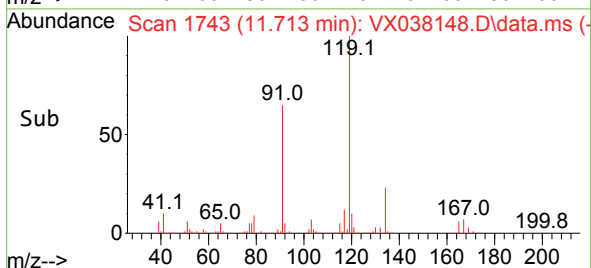
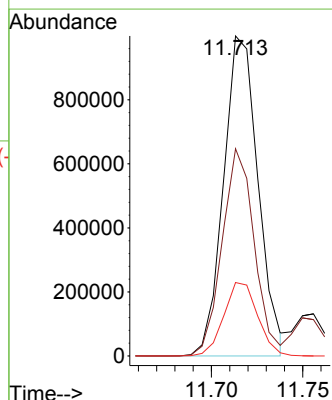
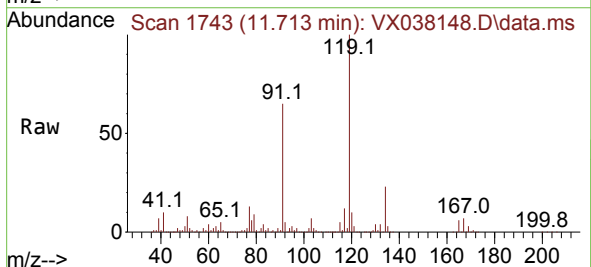
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

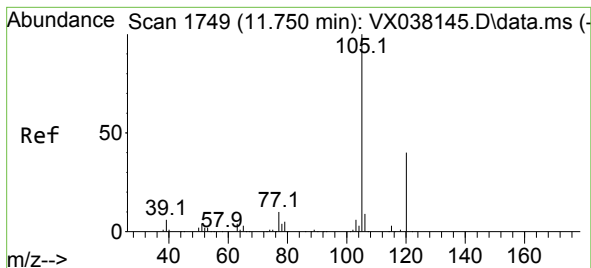
Tgt Ion: 91 Resp: 1317039
Ion Ratio Lower Upper
91 100
126 30.6 0.0 59.4



#79
tert-butylbenzene
Concen: 150.077 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Tgt Ion: 119 Resp: 1314797
Ion Ratio Lower Upper
119 100
91 60.3 0.0 124.4
134 22.6 0.0 47.2





#80

1,2,4-Trimethylbenzene

Concen: 148.278 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX038148.D

Acq: 07 Oct 2023 00:15

Instrument :

MSVOA_X

ClientSampleId :

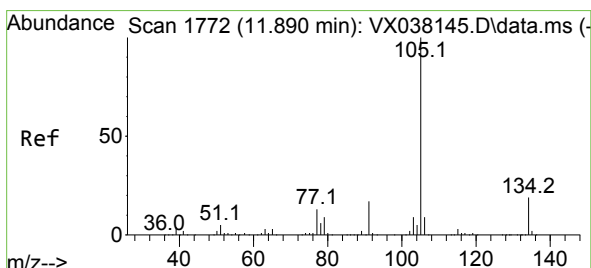
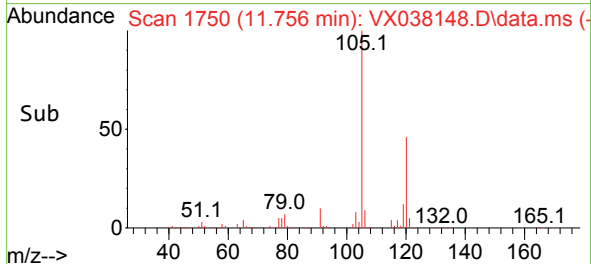
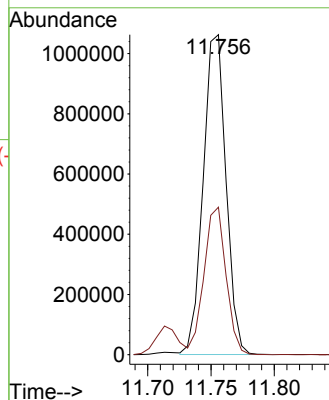
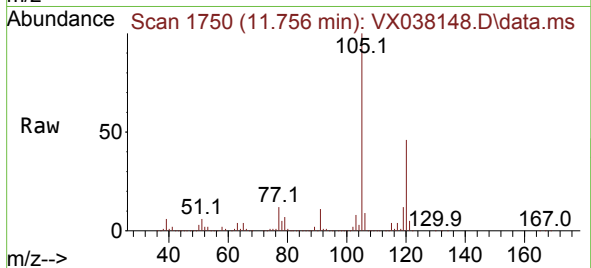
VSTDIC150

Tgt Ion:105 Resp: 1335209

Ion Ratio Lower Upper

105 100

120 44.4 0.0 90.2



#81

sec-Butylbenzene

Concen: 147.284 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX038148.D

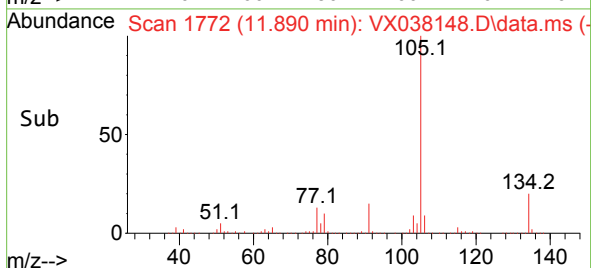
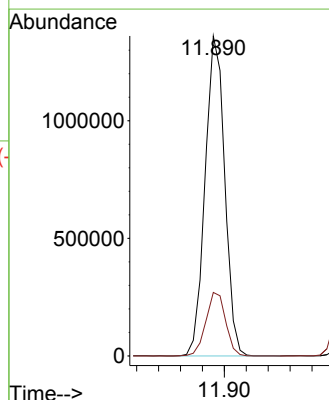
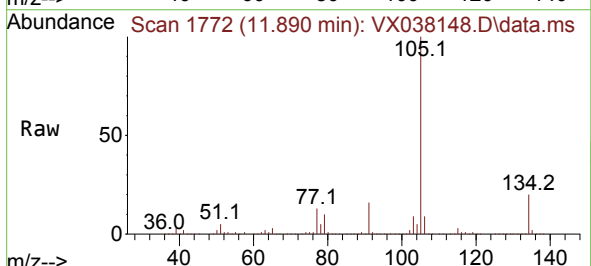
Acq: 07 Oct 2023 00:15

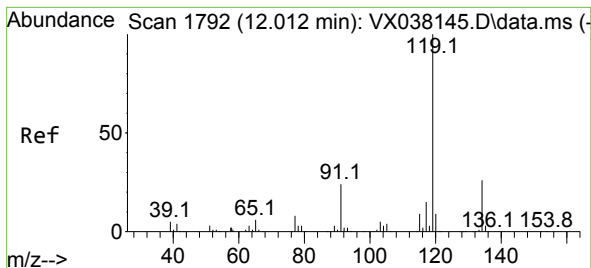
Tgt Ion:105 Resp: 1688009

Ion Ratio Lower Upper

105 100

134 20.0 0.0 41.2





#82

p-Isopropyltoluene

Concen: 149.960 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VX038148.D

Acq: 07 Oct 2023 00:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

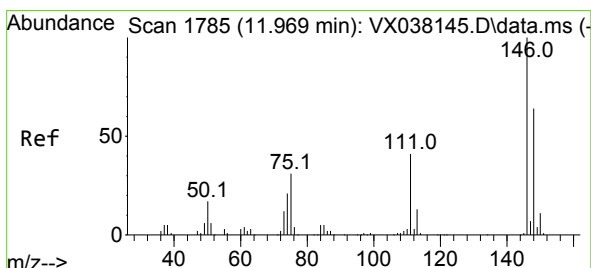
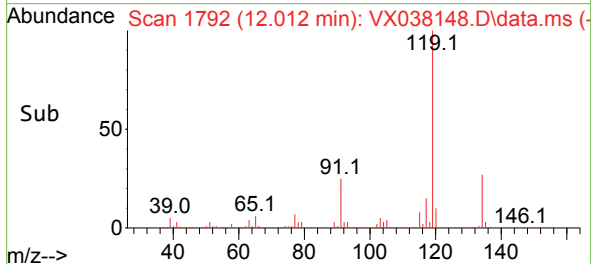
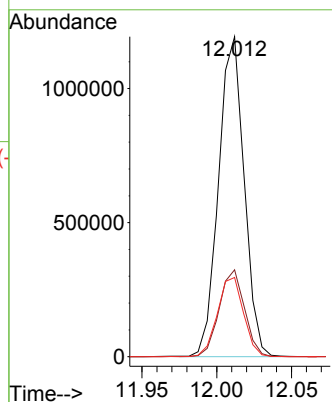
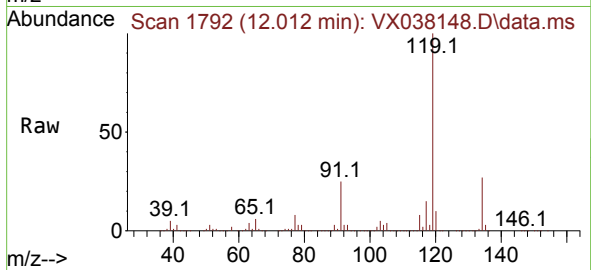
Tgt Ion:119 Resp: 1420820

Ion Ratio Lower Upper

119 100

134 26.9 0.0 53.2

91 25.2 0.0 49.4



#83

1,3-Dichlorobenzene

Concen: 143.913 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038148.D

Acq: 07 Oct 2023 00:15

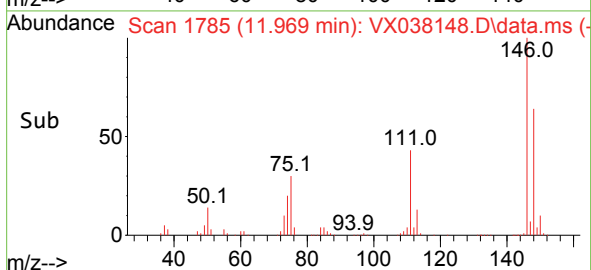
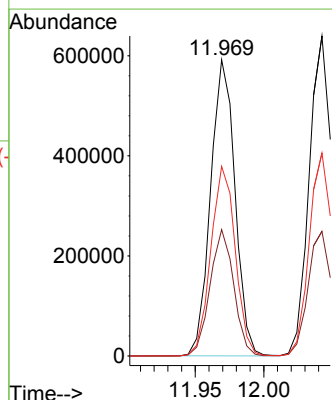
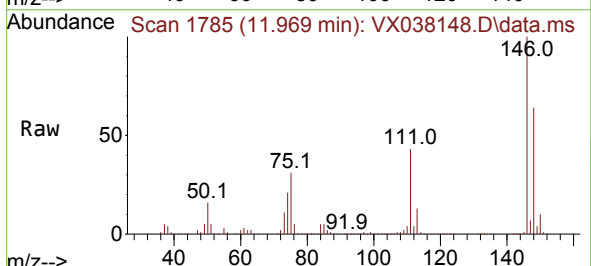
Tgt Ion:146 Resp: 733467

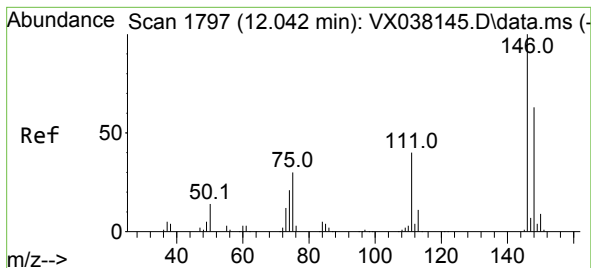
Ion Ratio Lower Upper

146 100

111 41.4 20.4 61.2

148 64.1 31.6 94.8





#84

1,4-Dichlorobenzene

Concen: 146.007 ug/l

RT: 12.042 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038148.D

Acq: 07 Oct 2023 00:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

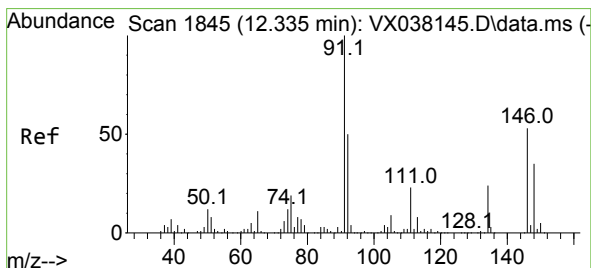
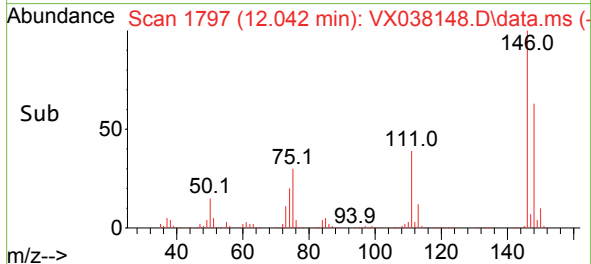
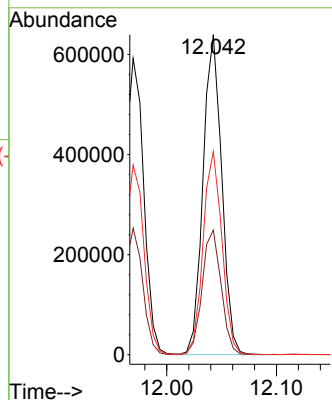
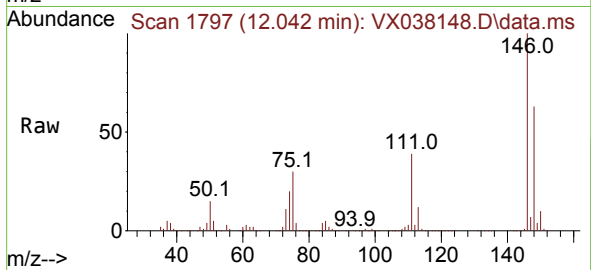
Tgt Ion:146 Resp: 757680

Ion Ratio Lower Upper

146 100

111 39.5 20.2 60.6

148 63.9 32.1 96.3



#85

n-Butylbenzene

Concen: 149.388 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038148.D

Acq: 07 Oct 2023 00:15

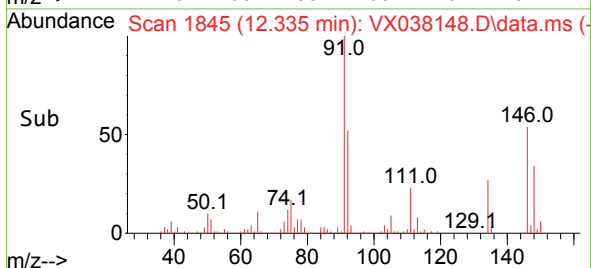
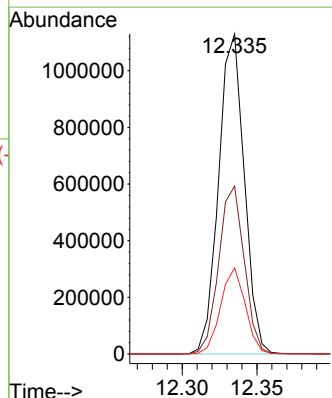
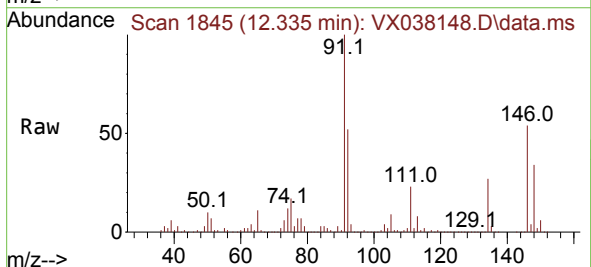
Tgt Ion: 91 Resp: 1350527

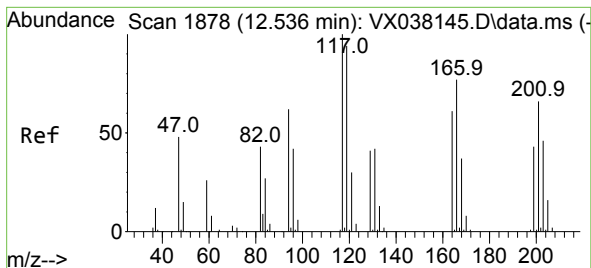
Ion Ratio Lower Upper

91 100

92 52.2 0.0 105.2

134 25.9 0.0 51.4





#86

Hexachloroethane

Concen: 162.072 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038148.D

Acq: 07 Oct 2023 00:15

Instrument :

MSVOA_X

ClientSampleId :

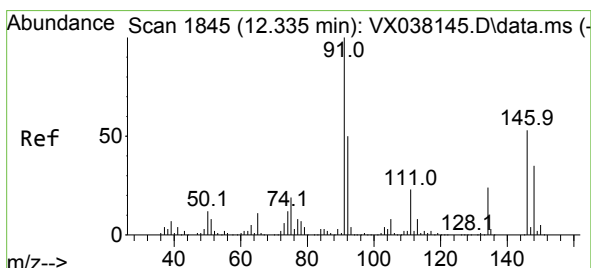
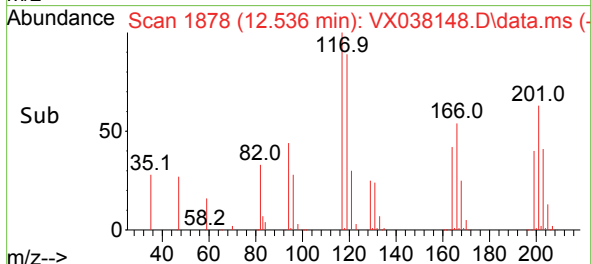
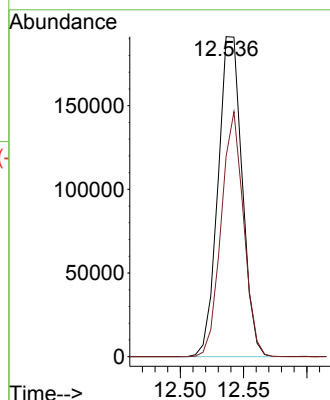
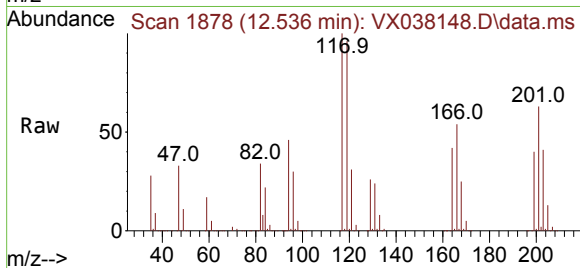
VSTDIC150

Tgt Ion:117 Resp: 253847

Ion Ratio Lower Upper

117 100

201 70.9 36.0 108.0



#87

1,2-Dichlorobenzene

Concen: 146.614 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038148.D

Acq: 07 Oct 2023 00:15

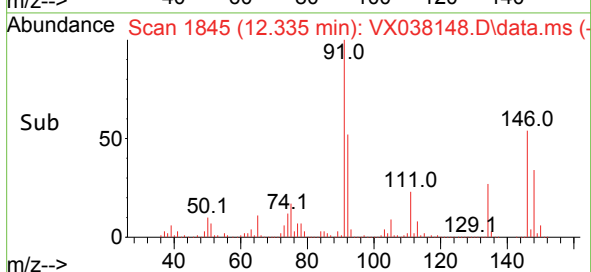
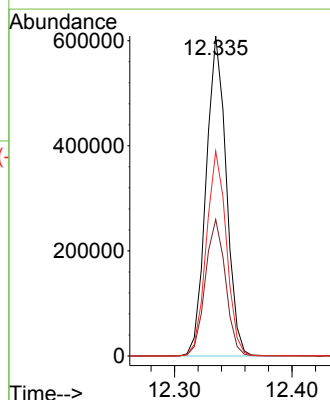
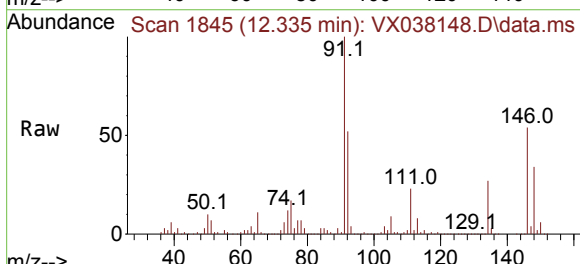
Tgt Ion:146 Resp: 724284

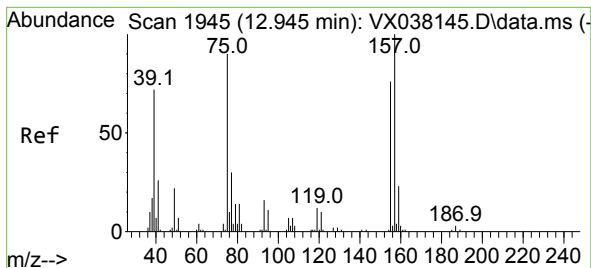
Ion Ratio Lower Upper

146 100

111 42.7 21.4 64.3

148 63.8 33.2 99.6

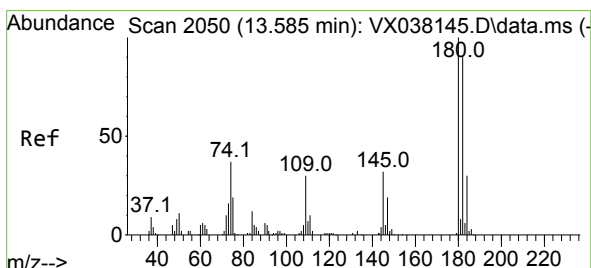
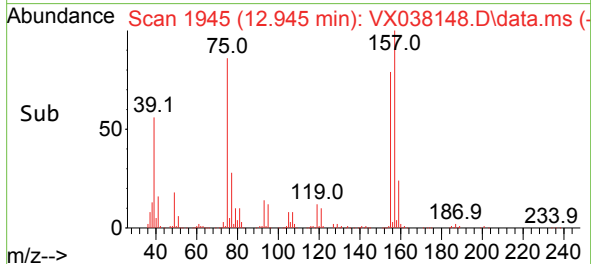
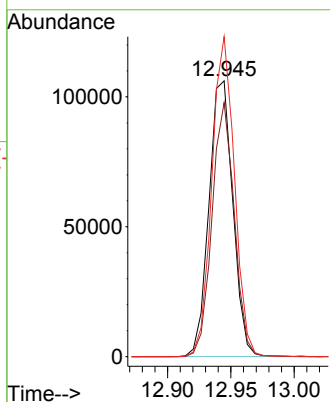
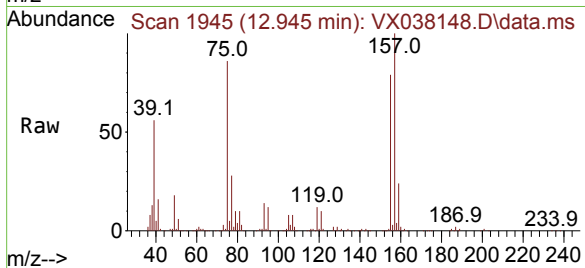




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 154.310 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.000 min
 Lab File: VX038148.D
 Acq: 07 Oct 2023 00:15

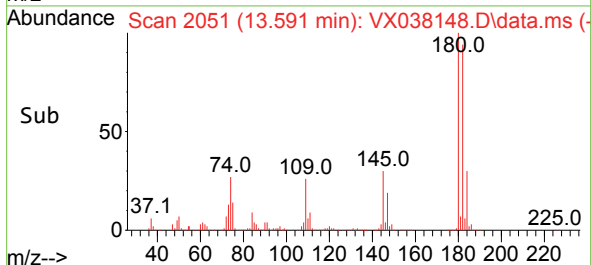
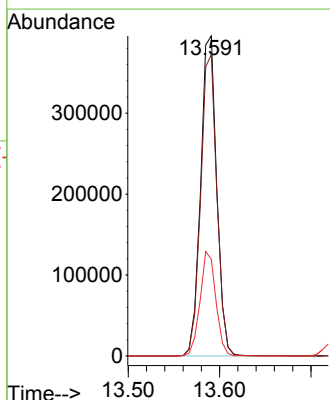
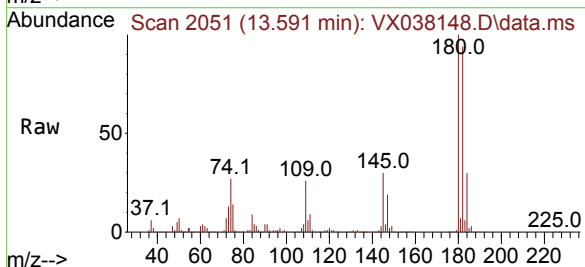
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

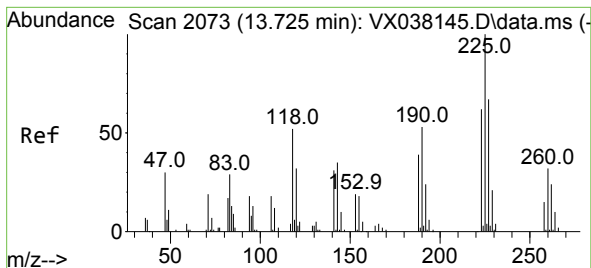
Tgt Ion: 75 Resp: 139011
 Ion Ratio Lower Upper
 75 100
 155 86.0 62.7 94.1
 157 110.0 81.5 122.3



#89
 1,2,4-Trichlorobenzene
 Concen: 151.090 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX038148.D
 Acq: 07 Oct 2023 00:15

Tgt Ion: 180 Resp: 484554
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.6 113.4
 145 32.0 25.4 38.2





#90

Hexachlorobutadiene

Concen: 143.224 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX038148.D

Acq: 07 Oct 2023 00:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

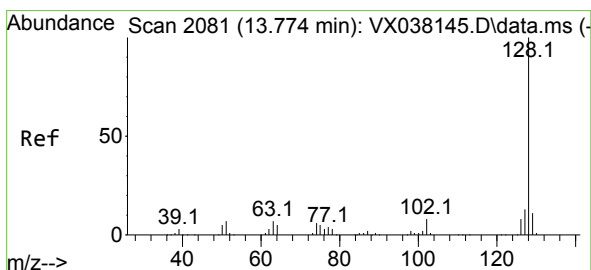
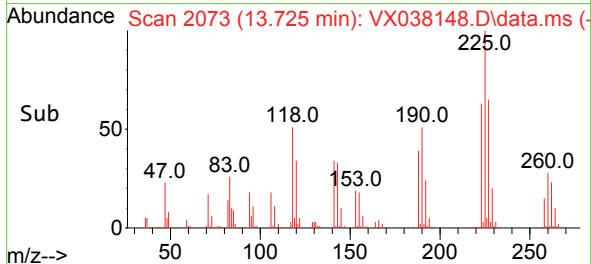
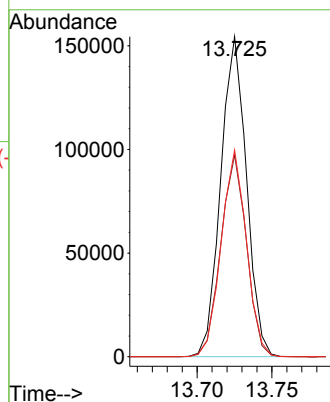
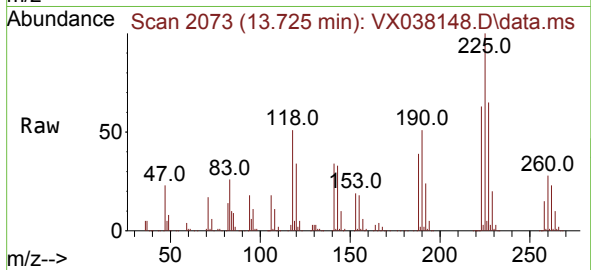
Tgt Ion:225 Resp: 184761

Ion Ratio Lower Upper

225 100

223 62.8 0.0 124.2

227 63.4 0.0 120.4



#91

Naphthalene

Concen: 153.679 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038148.D

Acq: 07 Oct 2023 00:15

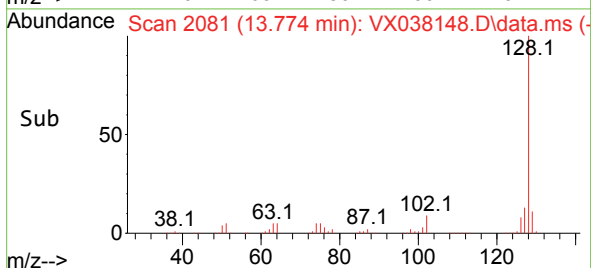
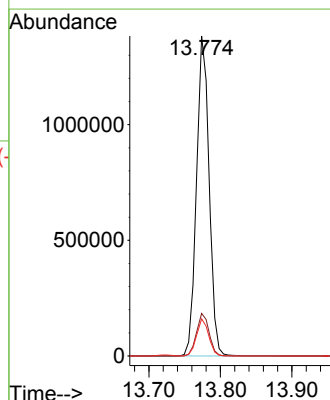
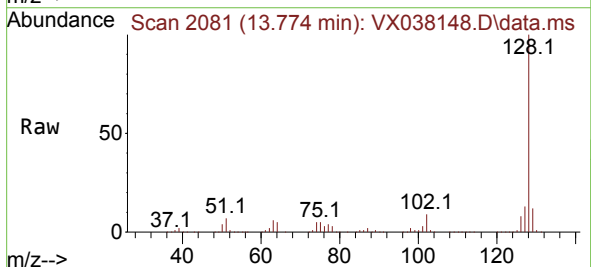
Tgt Ion:128 Resp: 1687921

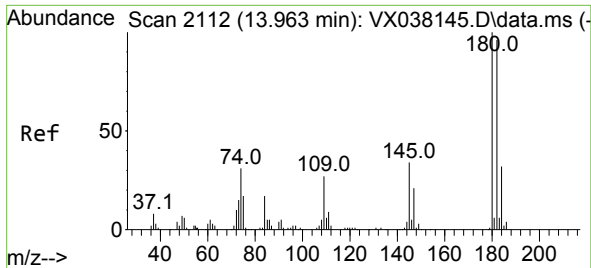
Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

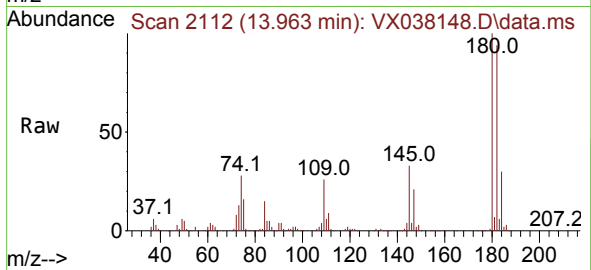
129 11.2 8.7 13.1





#92
1,2,3-Trichlorobenzene
Concen: 152.216 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038148.D
Acq: 07 Oct 2023 00:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:	180	Resp:	477849
Ion	Ratio	Lower	Upper
180	100		
182	94.8	0.0	190.6
145	33.9	0.0	66.8

