

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038147.D
 Acq On : 06 Oct 2023 23:52
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 07 06:17:20 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	12531	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	93912	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	129228	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	49299	28.798	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.000%
60) 4-Bromofluorobenzene	11.079	95	83190	30.903	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	103.000%
63) Toluene-d8	8.653	98	147043	29.384	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.933%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	141498	93.832	ug/l	98
3) Chloromethane	1.300	50	136811	91.597	ug/l	96
4) Vinyl Chloride	1.374	62	158352	90.511	ug/l	100
5) Bromomethane	1.599	94	216340	102.195	ug/l	100
6) Chloroethane	1.672	64	133207	89.390	ug/l	92
7) Trichlorofluoromethane	1.880	101	343704	92.239	ug/l	100
8) Diethyl Ether	2.130	74	125181	92.088	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.325	101	129782	91.185	ug/l	97
10) 1,1-Dichloroethene	2.319	96	127387	91.868	ug/l	99
11) Methyl Iodide	2.447	142	192543	93.181	ug/l	98
12) Methyl Acetate	2.703	43	417846	88.541	ug/l	100
13) Acrolein	2.233	56	150736	509.520	ug/l	96
14) Acrylonitrile	3.062	53	525215	474.865	ug/l	97
15) Acetone	2.380	58	134537	456.820	ug/l	99
16) Carbon Disulfide	2.508	76	361567	97.584	ug/l	97
17) Allyl chloride	2.660	41	225904	96.947	ug/l	94
18) Methylene Chloride	2.788	84	165375	91.470	ug/l	96
19) trans-1,2-Dichloroethene	3.093	96	166119	95.663	ug/l	99
20) Diisopropyl ether	3.763	45	497559	97.300	ug/l #	97
21) 1,1-Dichloroethane	3.611	63	295985	95.108	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	196150	95.909	ug/l	96
24) Methyl tert-Butyl Ether	3.111	73	534382	98.169	ug/l	99
25) Chloroform	5.092	83	343109	97.094	ug/l	100
26) Cyclohexane	5.470	56	252658	95.975	ug/l #	96
29) 1,1-Dichloropropene	5.696	75	244532	98.417	ug/l	99
30) 2-Butanone	4.556	43	765450	479.296	ug/l	96
31) 2,2-Dichloropropane	4.477	77	182798	99.591	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	298021	100.382	ug/l	99
33) Carbon Tetrachloride	5.678	117	257603	102.411	ug/l	98
34) Benzene	6.037	78	707522	96.261	ug/l	98
35) Methacrylonitrile	4.922	41	149326	99.874	ug/l	93
36) 1,2-Dichloroethane	6.086	62	273376	95.871	ug/l	98
37) Trichloroethene	7.123	130	189035	97.652	ug/l	99
38) Methylcyclohexane	7.379	83	295102	99.709	ug/l	95
39) 1,2-Dichloropropane	7.427	63	177209	96.182	ug/l	96
40) Dibromomethane	7.580	93	141574	98.336	ug/l	97
41) Bromodichloromethane	7.824	83	266216	103.149	ug/l	100
42) Vinyl Acetate	3.721	43	1810072	514.956	ug/l	98
43) Ethyl Acetate	4.714	43	285014	96.478	ug/l	98

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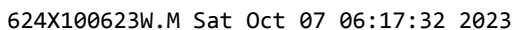
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 ClientSampleId :
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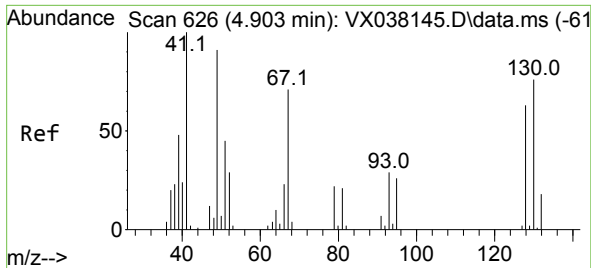
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	6.342	43	446865	101.612	ug/l	98
45) 1,4-Dioxane	7.659	88	108997	1950.331	ug/l #	1
46) Methyl methacrylate	7.696	41	215625	99.447	ug/l	97
47) n-amyl Acetate	10.841	43	419642	109.916	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	284793	107.354	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	292532	104.007	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	201802	99.284	ug/l	97
51) Ethyl methacrylate	9.116	69	320980	105.446	ug/l	97
52) 1,3-Dichloropropane	9.311	76	324373	98.134	ug/l	99
53) Dibromochloromethane	9.525	129	218112	108.322	ug/l	100
54) 1,2-Dibromoethane	9.610	107	225901	101.709	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	785522	511.265	ug/l	99
56) Bromoform	10.799	173	170227	113.121	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	1576548	487.409	ug/l	95
59) 2-Hexanone	9.433	43	1283124	493.412	ug/l	97
61) Tetrachloroethene	9.275	164	170786	96.721	ug/l	98
62) Toluene	8.720	91	836595	97.165	ug/l	98
64) Chlorobenzene	10.079	112	526293	97.611	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	195437	103.982	ug/l	99
66) Ethyl Benzene	10.195	91	960953	98.425	ug/l	97
67) m/p-Xylenes	10.305	106	764718	201.899	ug/l	99
68) o-Xylene	10.640	106	371471	101.078	ug/l	97
69) Styrene	10.659	104	636519	104.232	ug/l	99
70) Isopropylbenzene	10.963	105	979449	101.057	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	353167	98.861	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	389612	119.919	ug/l	90
73) Bromobenzene	11.201	156	240794	100.334	ug/l	96
74) n-propylbenzene	11.305	91	1190935	101.115	ug/l	99
75) 2-Chlorotoluene	11.366	91	695270	100.463	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	876736	103.516	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	103912	117.498	ug/l	92
78) 4-Chlorotoluene	11.457	91	843367	102.475	ug/l	99
79) tert-butylbenzene	11.713	119	832394	103.460	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	853393	103.196	ug/l	99
81) sec-Butylbenzene	11.890	105	1075162	102.150	ug/l	98
82) p-Isopropyltoluene	12.012	119	902119	103.678	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	474698	101.420	ug/l	100
84) 1,4-Dichlorobenzene	12.042	146	480963	100.922	ug/l	99
85) n-Butylbenzene	12.335	91	875874	105.497	ug/l	99
86) Hexachloroethane	12.542	117	157068	109.197	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	461536	101.733	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	88360	106.804	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	299122	101.561	ug/l	100
90) Hexachlorobutadiene	13.725	225	119018	100.463	ug/l	98
91) Naphthalene	13.774	128	1038004	102.908	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	293894	101.940	ug/l	100

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

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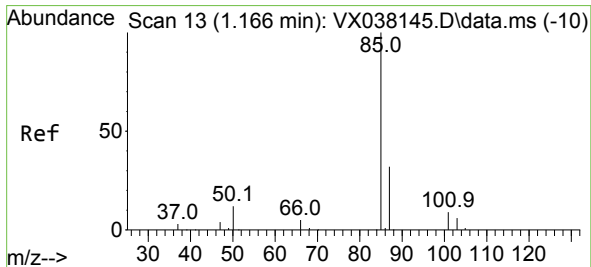
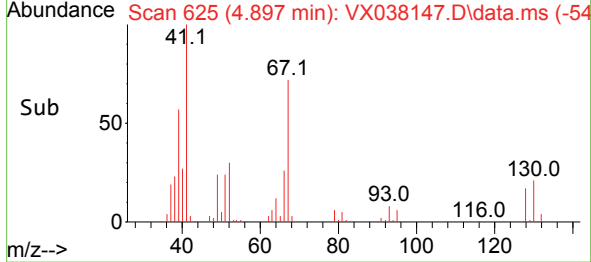
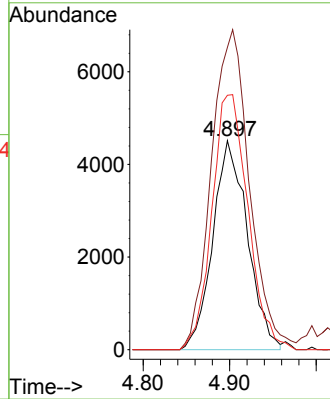
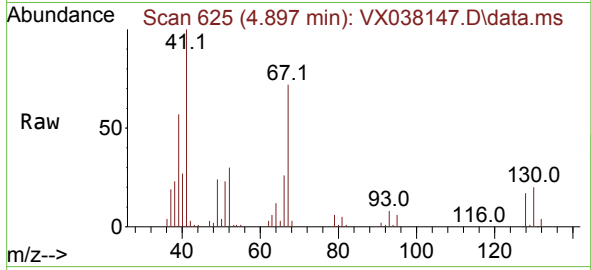




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

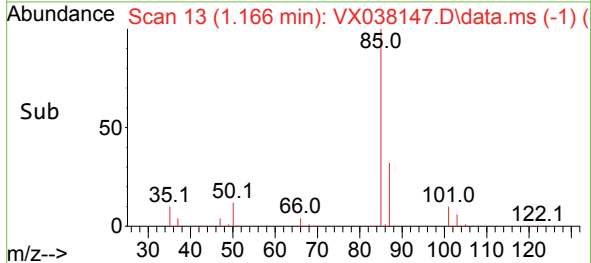
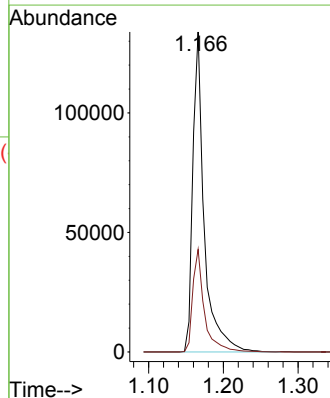
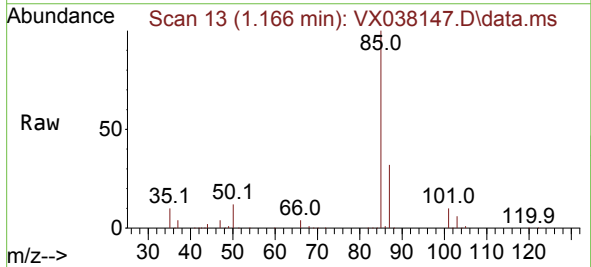
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ClientSampleId :
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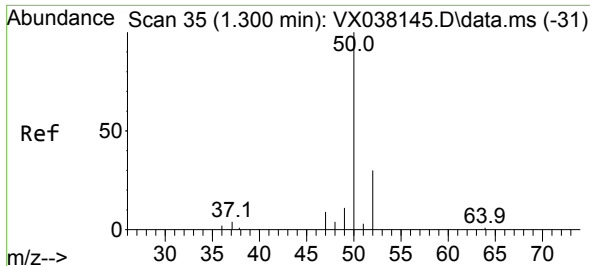
Tgt Ion:128 Resp: 12531
Ion Ratio Lower Upper
128 100
49 168.9 0.0 406.3
130 127.5 0.0 328.0



#2
Dichlorodifluoromethane
Concen: 93.832 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion: 85 Resp: 141498
Ion Ratio Lower Upper
85 100
87 32.0 16.4 49.4

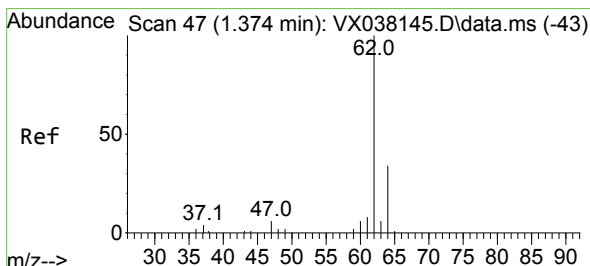
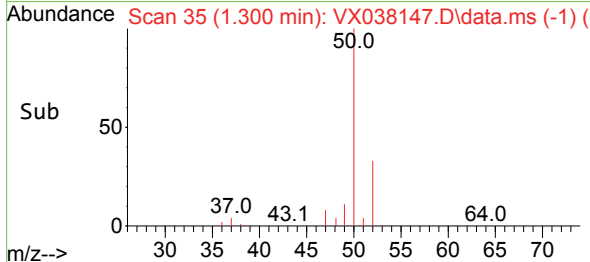
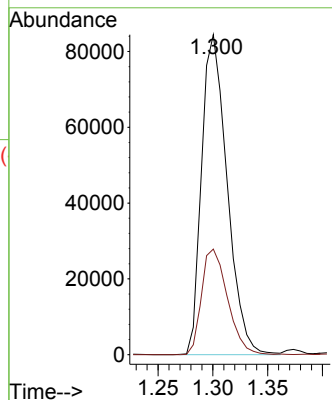
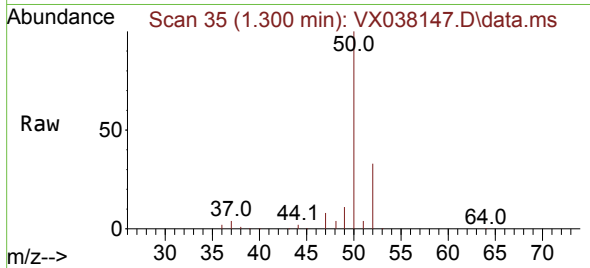




#3
Chloromethane
Concen: 91.597 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

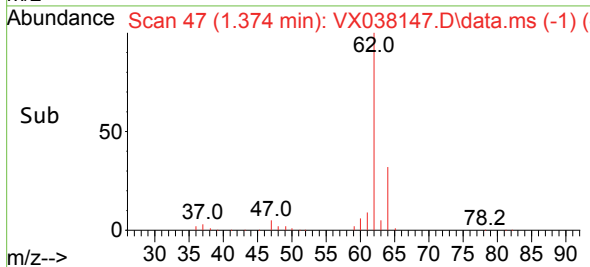
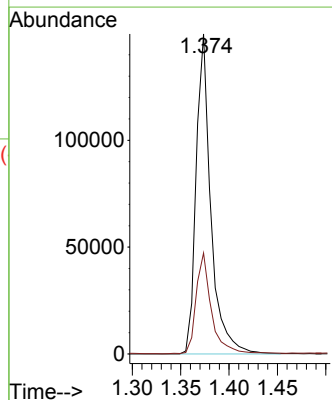
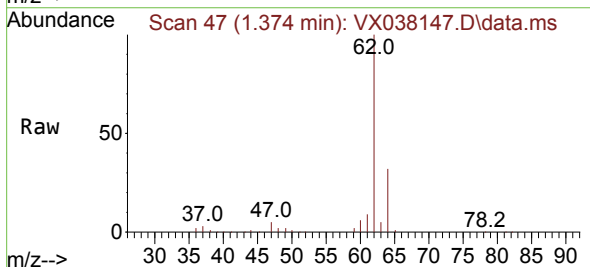
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ClientSampleId :
VSTDIC100

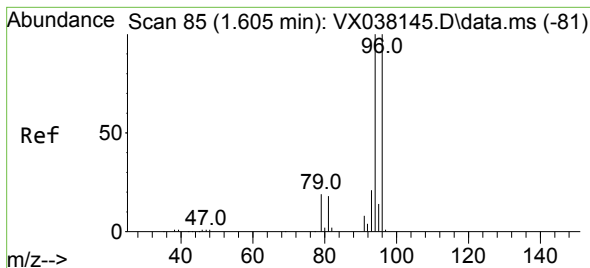
Tgt Ion: 50 Resp: 136811
Ion Ratio Lower Upper
50 100
52 33.0 24.5 36.7



#4
Vinyl Chloride
Concen: 90.511 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion: 62 Resp: 158352
Ion Ratio Lower Upper
62 100
64 31.4 25.3 37.9





#5

Bromomethane

Concen: 102.195 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.006 min

Lab File: VX038147.D

Acq: 06 Oct 2023 23:52

Instrument :

MSVOA_X

ClientSampleId :

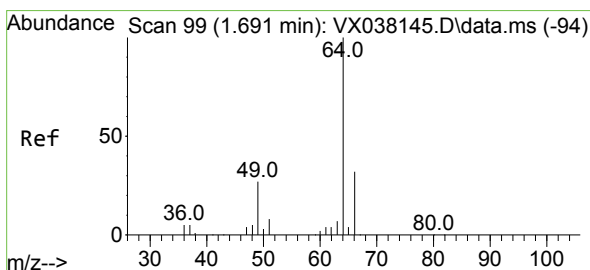
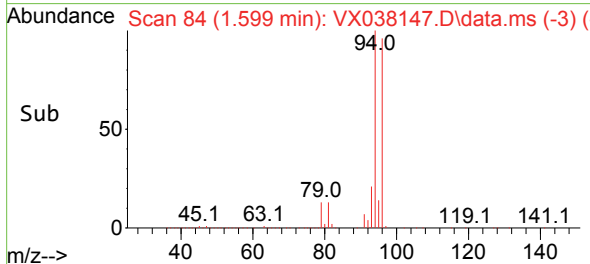
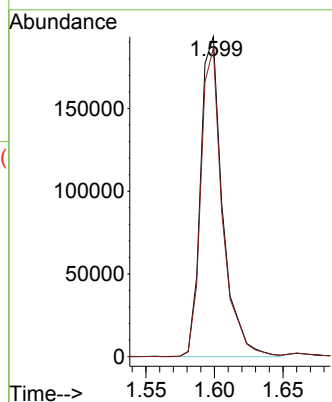
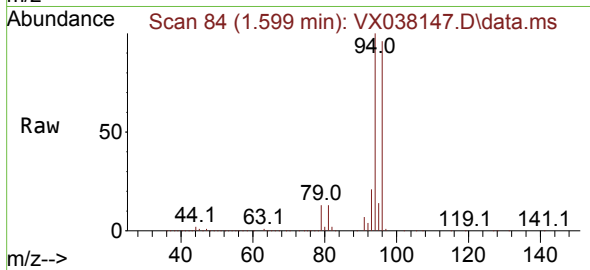
VSTDICC100

Tgt Ion: 94 Resp: 216340

Ion Ratio Lower Upper

94 100

96 96.4 77.4 116.2



#6

Chloroethane

Concen: 89.390 ug/l

RT: 1.672 min Scan# 96

Delta R.T. -0.018 min

Lab File: VX038147.D

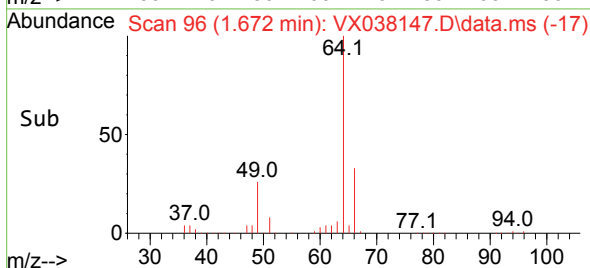
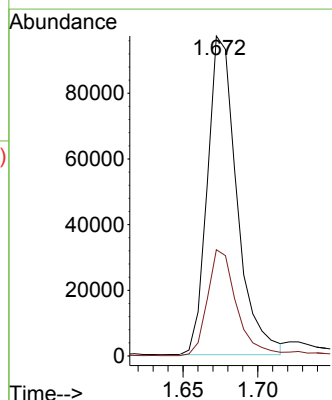
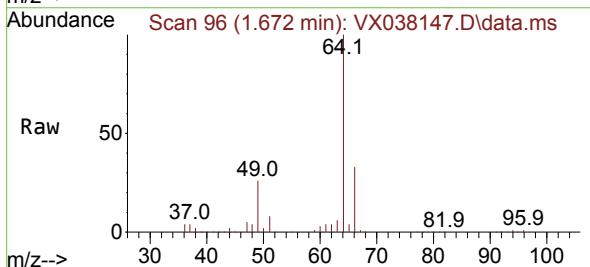
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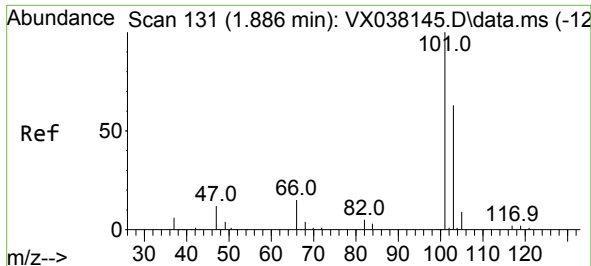
Tgt Ion: 64 Resp: 133207

Ion Ratio Lower Upper

64 100

66 33.3 23.1 34.7

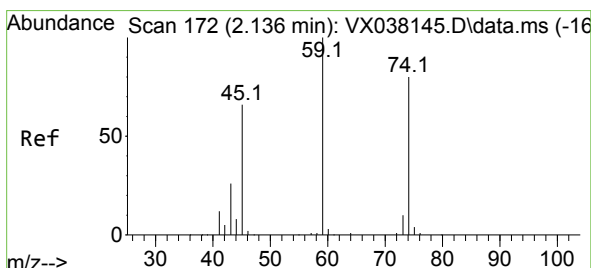
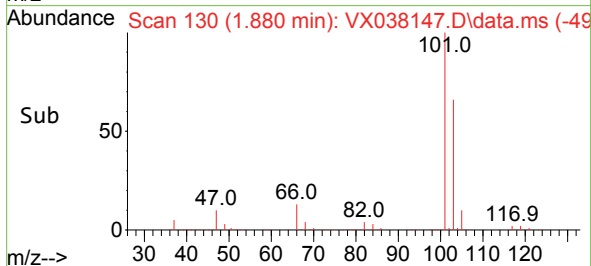
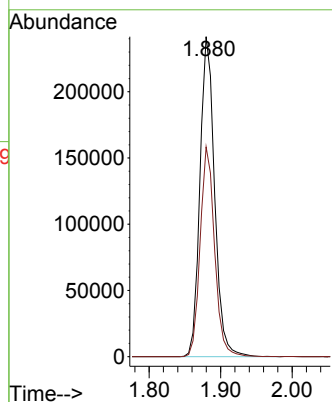
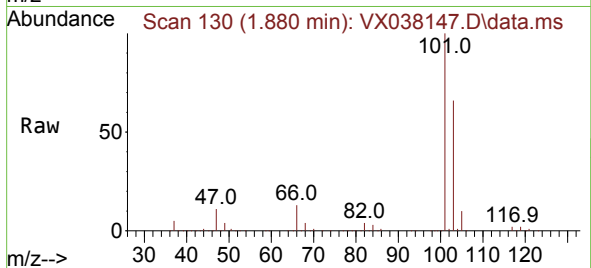




#7
 Trichlorofluoromethane
 Concen: 92.239 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX038147.D
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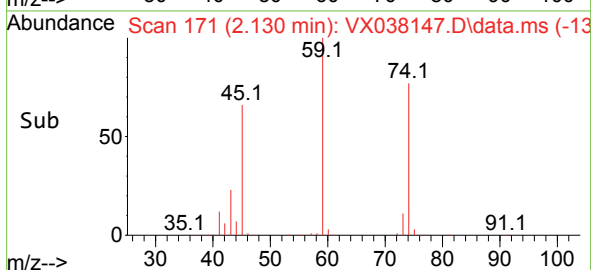
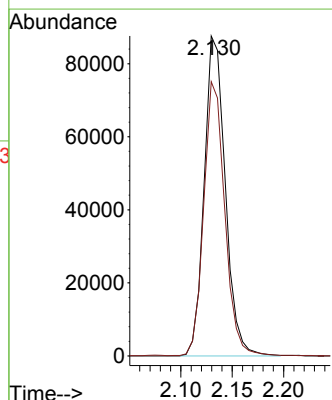
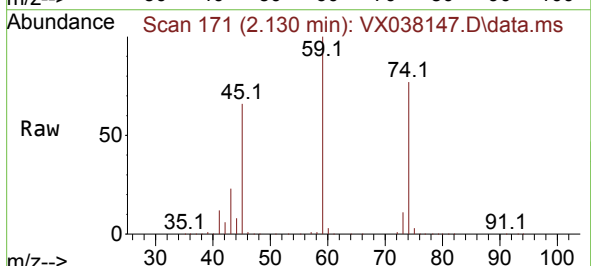
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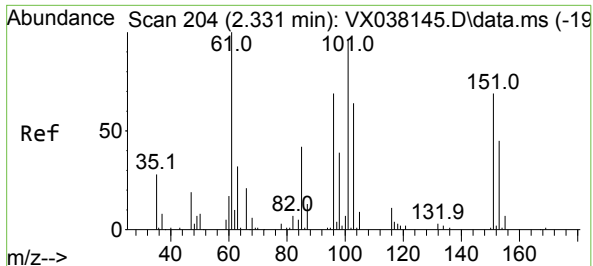
Tgt Ion:101 Resp: 343704
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.2 78.2



#8
 Diethyl Ether
 Concen: 92.088 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX038147.D
 Acq: 06 Oct 2023 23:52

Tgt Ion: 74 Resp: 125181
 Ion Ratio Lower Upper
 74 100
 45 85.7 19.9 178.9

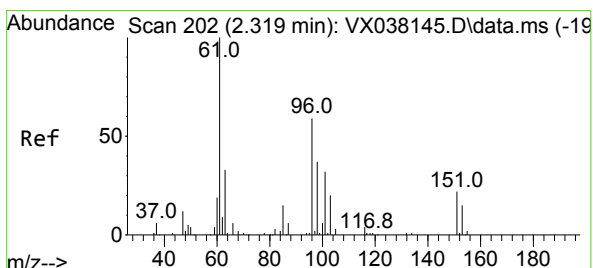
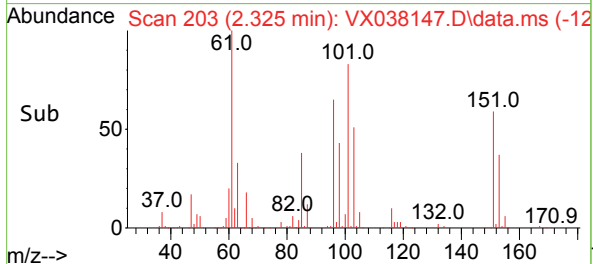
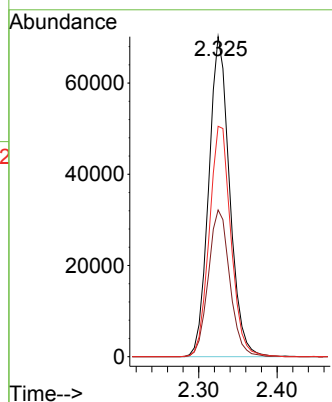
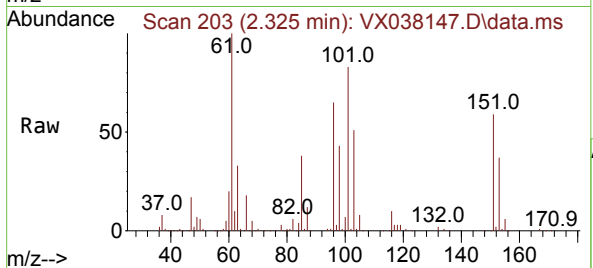




#9
1,1,2-Trichlorotrifluoroethane
Concen: 91.185 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX038147.D
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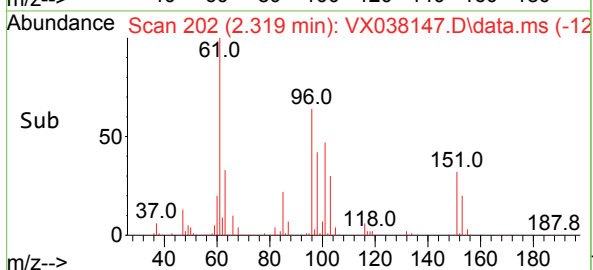
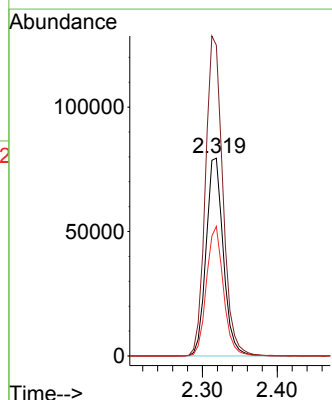
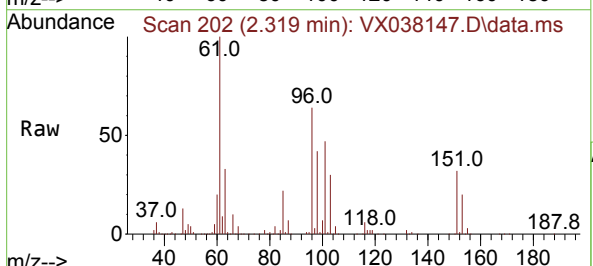
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ClientSampleId :
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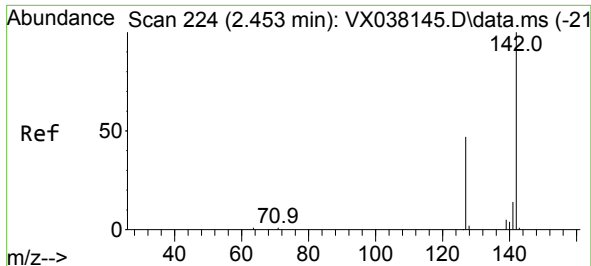
Tgt Ion:101 Resp: 129782
Ion Ratio Lower Upper
101 100
85 47.1 0.0 91.0
151 74.6 0.0 155.4



#10
1,1-Dichloroethene
Concen: 91.868 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion: 96 Resp: 127387
Ion Ratio Lower Upper
96 100
61 157.1 127.2 190.8
98 65.5 52.7 79.1

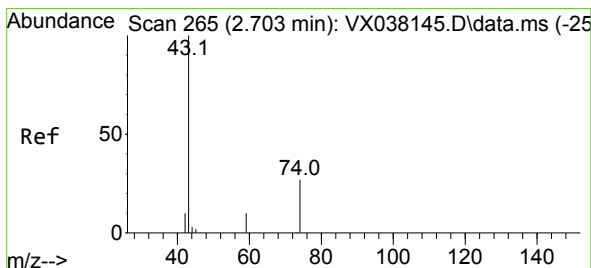
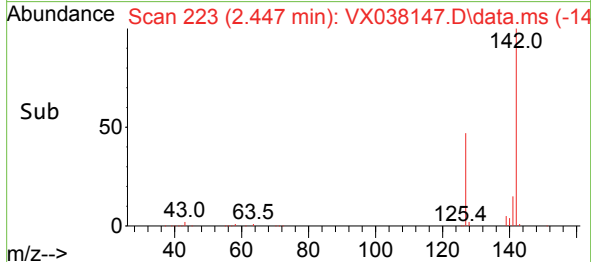
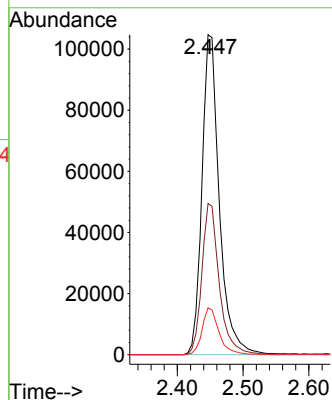
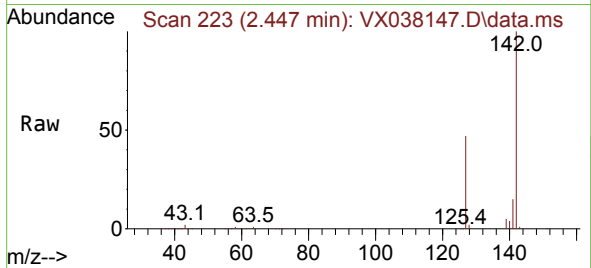




#11
Methyl Iodide
Concen: 93.181 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

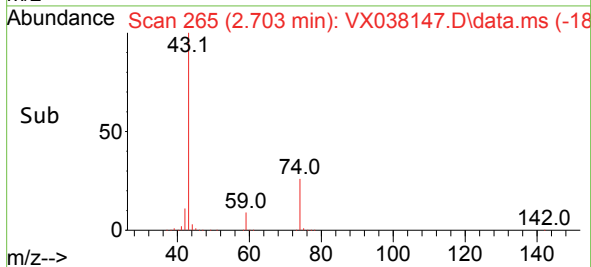
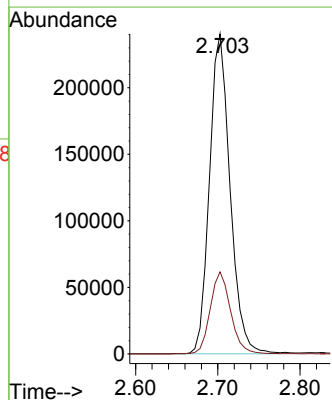
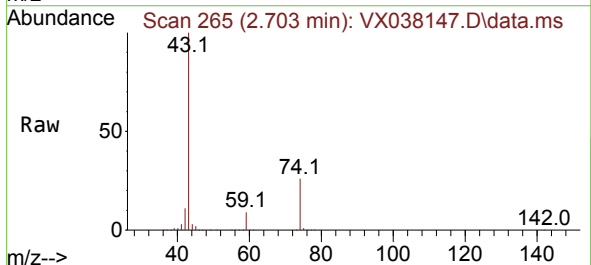
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

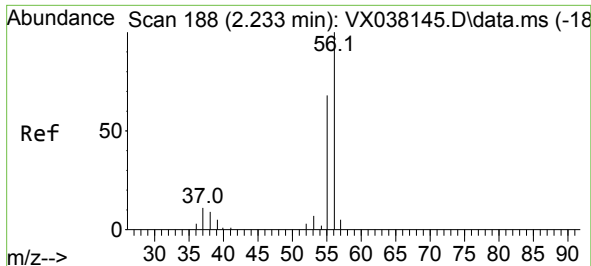
Tgt Ion:142 Resp: 192543
Ion Ratio Lower Upper
142 100
127 47.2 22.9 68.8
141 14.7 7.5 22.6



#12
Methyl Acetate
Concen: 88.541 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion: 43 Resp: 417846
Ion Ratio Lower Upper
43 100
74 25.6 20.3 30.5

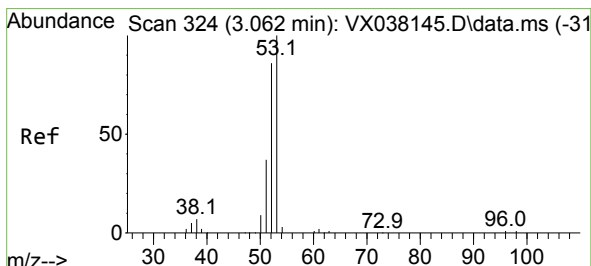
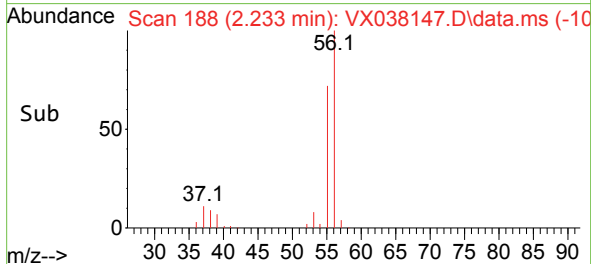
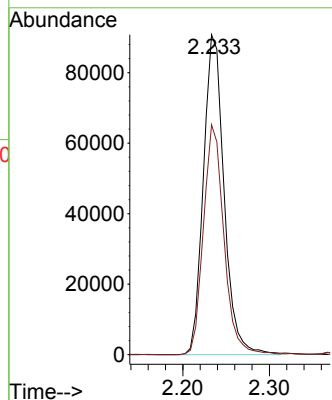
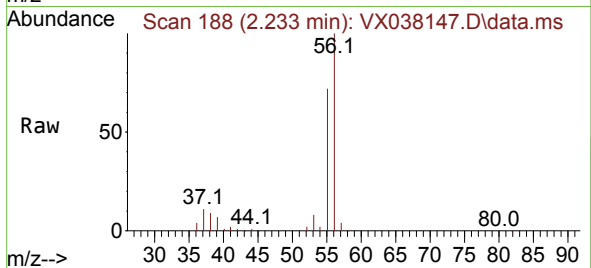




#13
Acrolein
Concen: 509.520 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

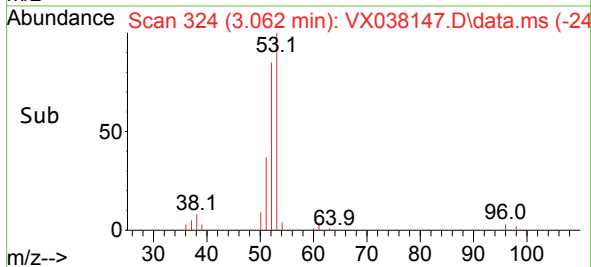
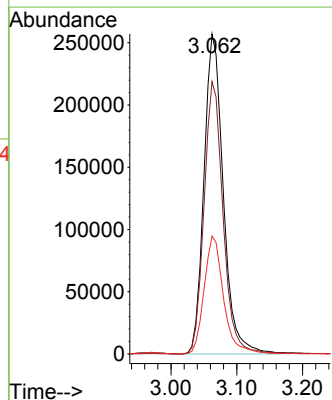
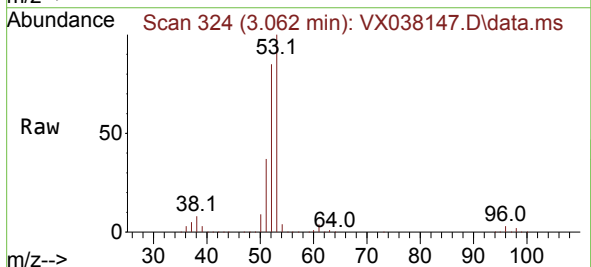
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

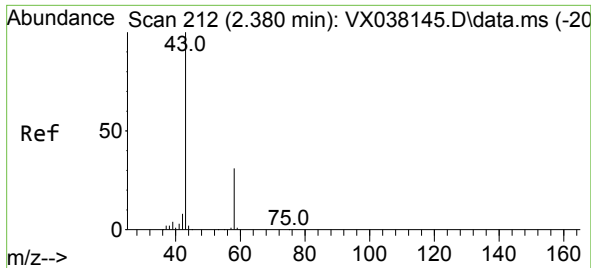
Tgt Ion: 56 Resp: 150736
Ion Ratio Lower Upper
56 100
55 71.0 59.7 89.5



#14
Acrylonitrile
Concen: 474.865 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion: 53 Resp: 525215
Ion Ratio Lower Upper
53 100
52 83.8 40.0 119.9
51 37.0 18.2 54.6

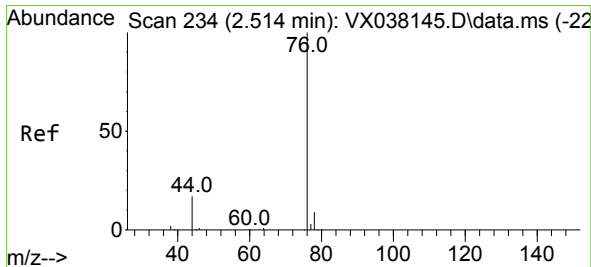
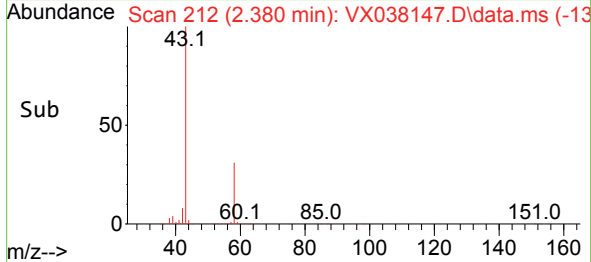
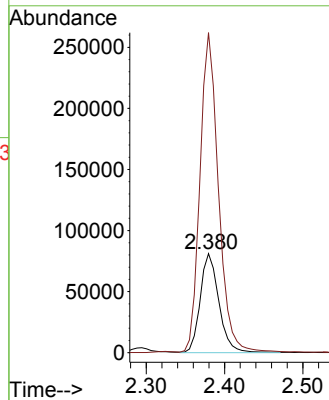
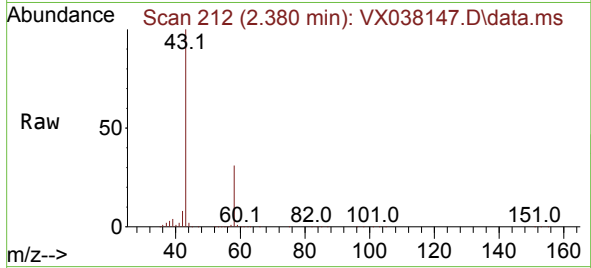




#15
Acetone
Concen: 456.820 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

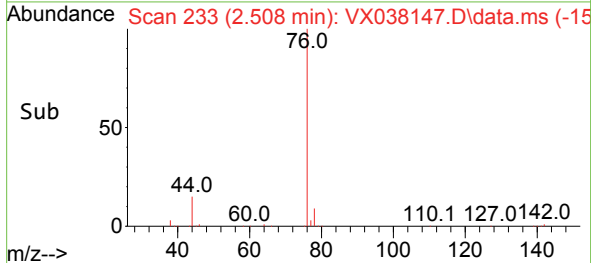
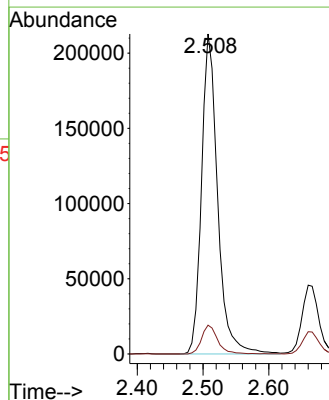
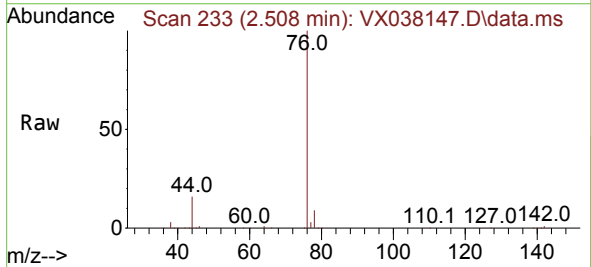
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

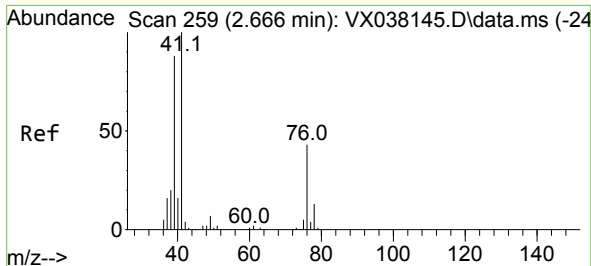
Tgt Ion: 58 Resp: 134537
Ion Ratio Lower Upper
58 100
43 323.5 261.0 391.4



#16
Carbon Disulfide
Concen: 97.584 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion: 76 Resp: 361567
Ion Ratio Lower Upper
76 100
78 9.0 8.0 12.0

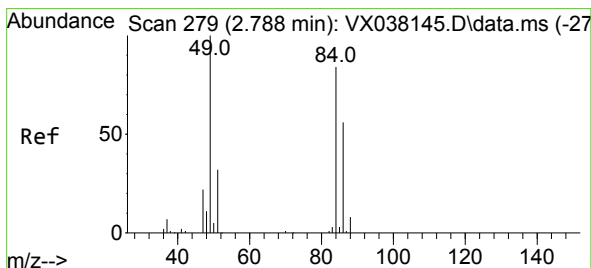
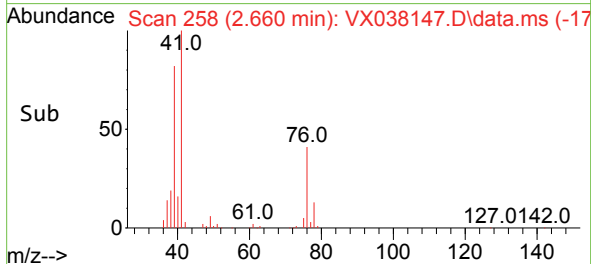
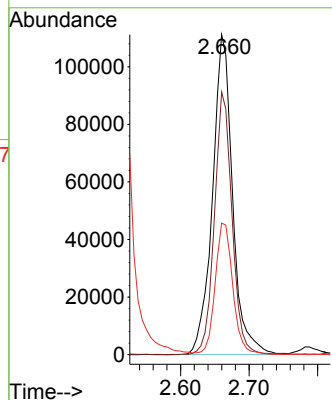
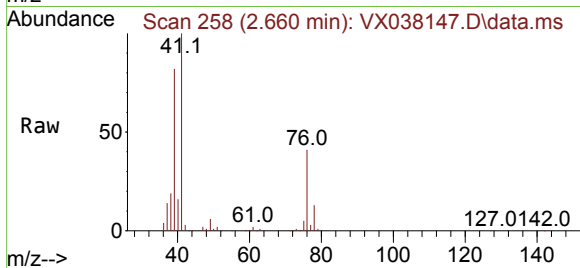




#17
 Allyl chloride
 Concen: 96.947 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. -0.006 min
 Lab File: VX038147.D
 Acq: 06 Oct 2023 23:52

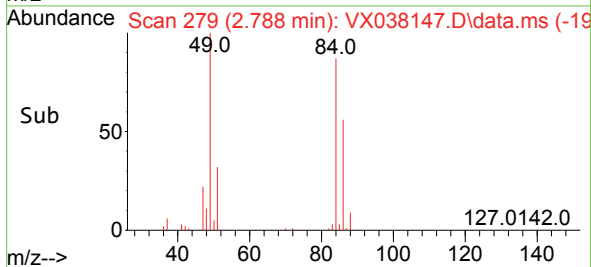
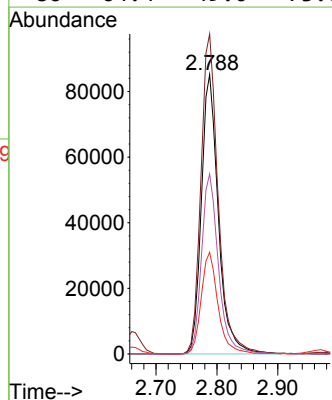
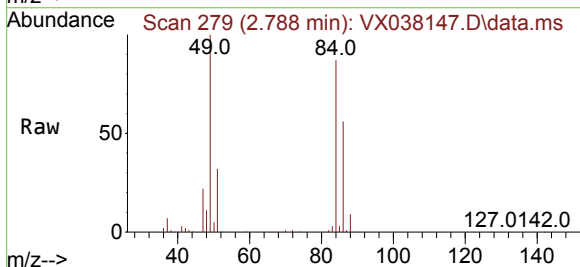
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

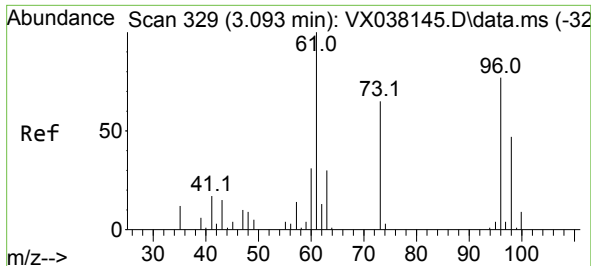
Tgt Ion: 41 Resp: 225904
 Ion Ratio Lower Upper
 41 100
 39 82.0 38.5 115.3
 76 41.0 18.6 55.8



#18
 Methylene Chloride
 Concen: 91.470 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX038147.D
 Acq: 06 Oct 2023 23:52

Tgt Ion: 84 Resp: 165375
 Ion Ratio Lower Upper
 84 100
 49 114.4 95.4 143.0
 51 36.3 28.3 42.5
 86 64.4 49.0 73.6

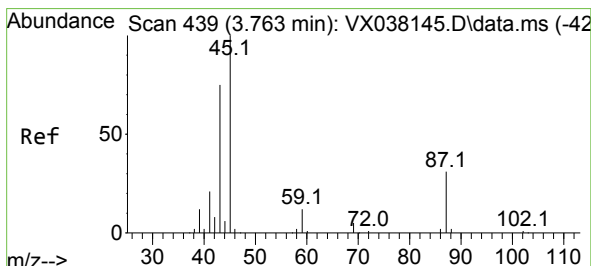
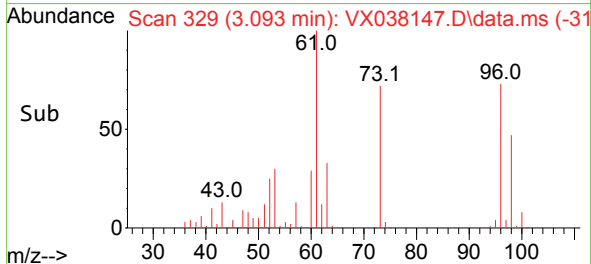
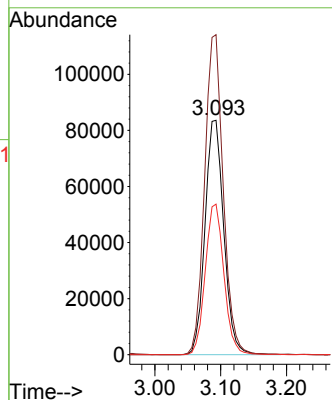
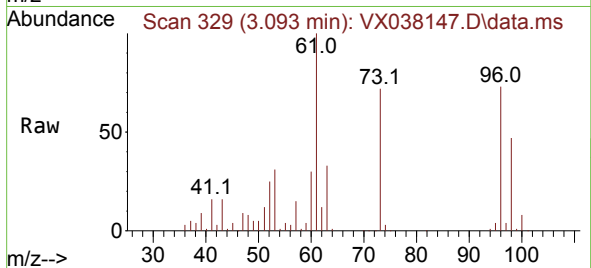




#19
trans-1,2-Dichloroethene
Concen: 95.663 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

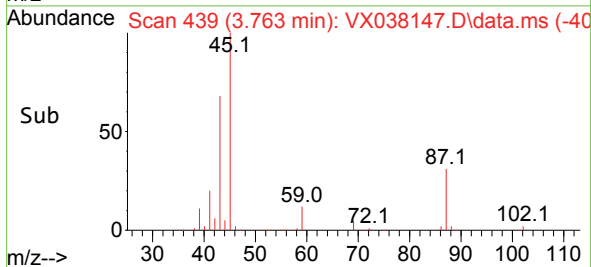
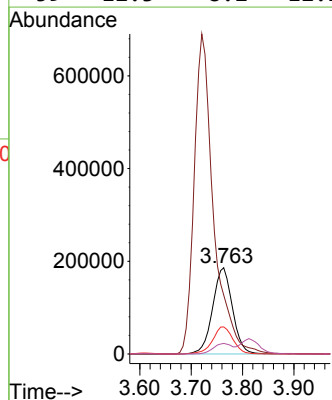
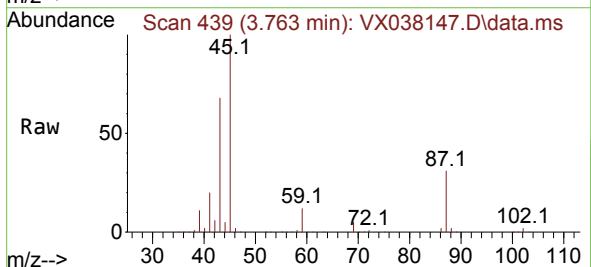
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

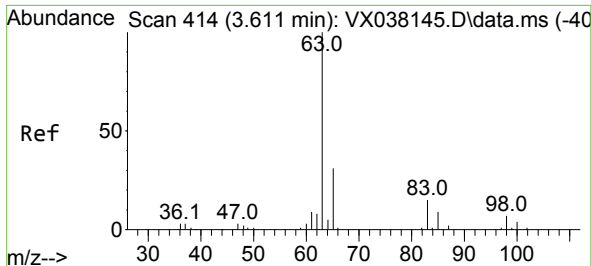
Tgt Ion: 96 Resp: 166119
Ion Ratio Lower Upper
96 100
61 136.5 108.7 163.1
98 64.2 49.1 73.7



#20
Diisopropyl ether
Concen: 97.300 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion: 45 Resp: 497559
Ion Ratio Lower Upper
45 100
43 67.7 55.8 83.6
87 31.3 23.0 34.4
59 12.3 8.2 12.2#

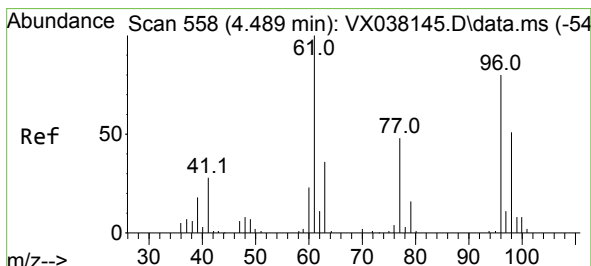
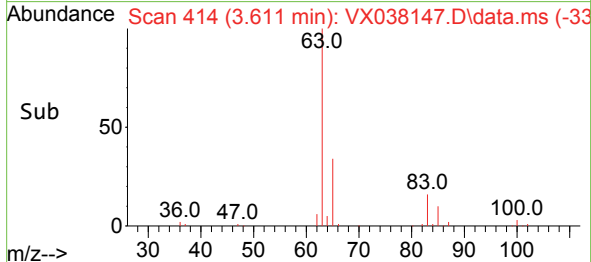
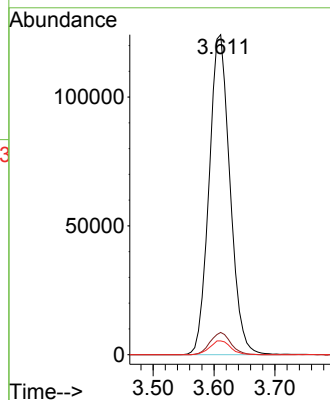
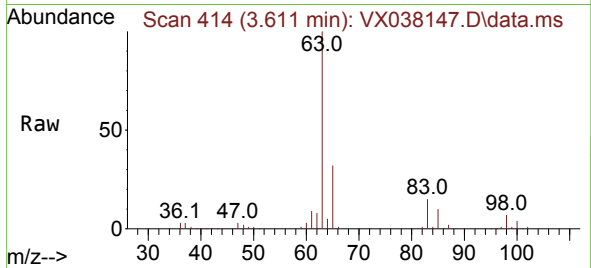




#21
1,1-Dichloroethane
Concen: 95.108 ug/l
RT: 3.611 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

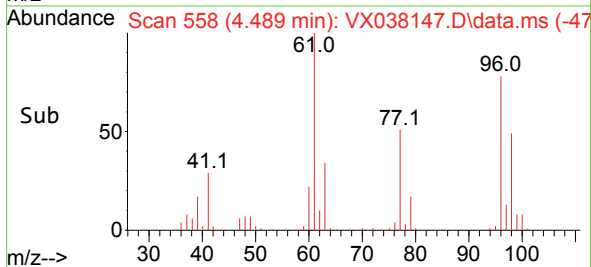
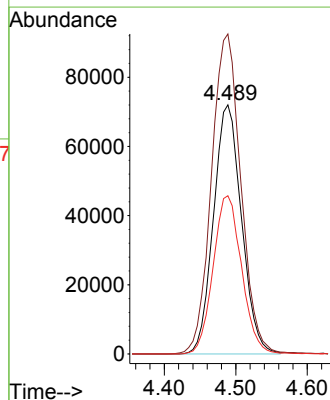
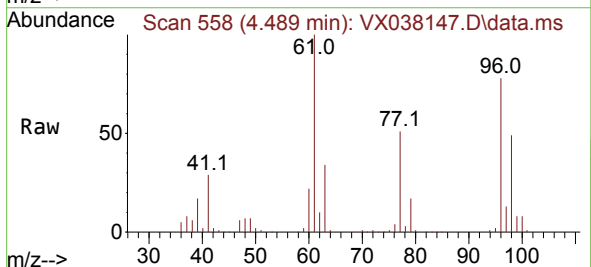
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

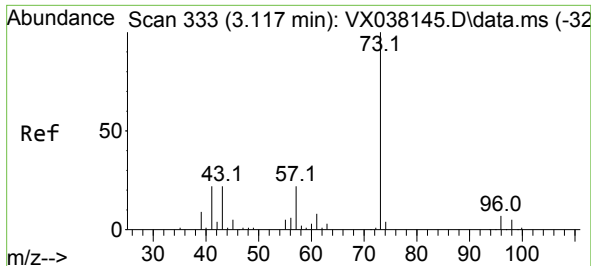
Tgt Ion: 63 Resp: 295985
Ion Ratio Lower Upper
63 100
98 6.9 3.2 9.6
100 4.3 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 95.909 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion: 96 Resp: 196150
Ion Ratio Lower Upper
96 100
61 134.9 114.0 171.0
98 64.3 51.6 77.4

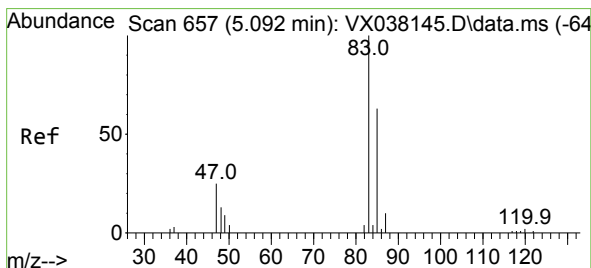
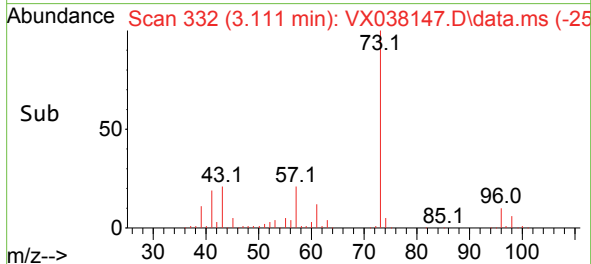
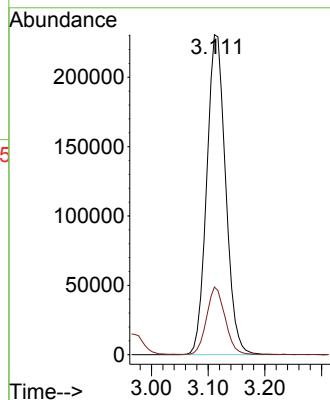
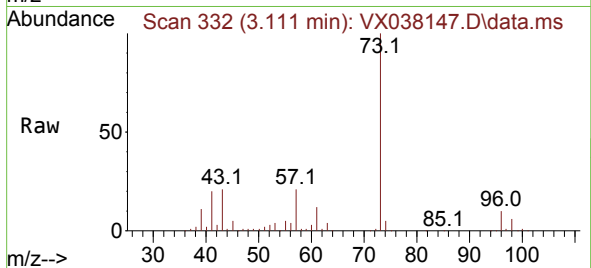




#24
Methyl tert-Butyl Ether
Concen: 98.169 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

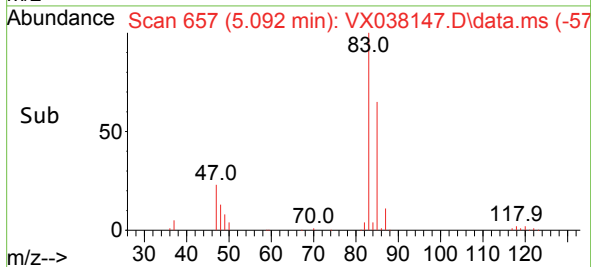
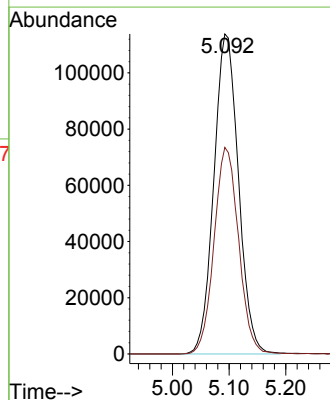
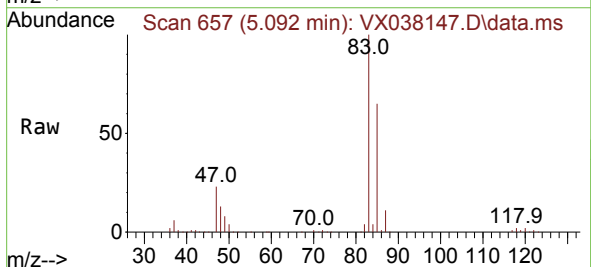
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

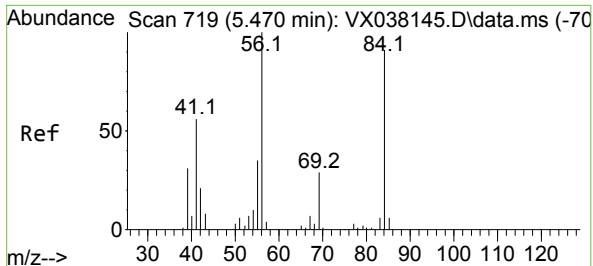
Tgt Ion: 73 Resp: 534382
Ion Ratio Lower Upper
73 100
43 20.8 16.8 25.2



#25
Chloroform
Concen: 97.094 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion: 83 Resp: 343109
Ion Ratio Lower Upper
83 100
85 64.6 51.5 77.3

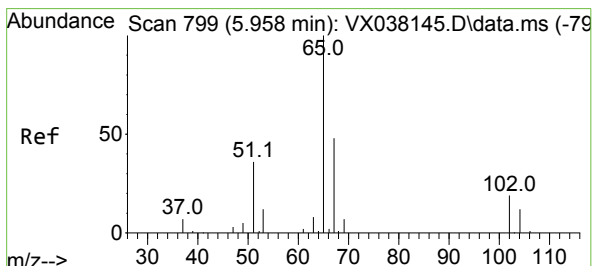
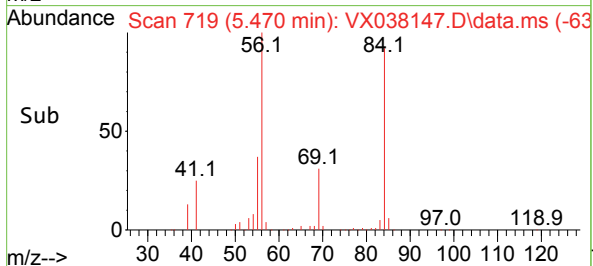
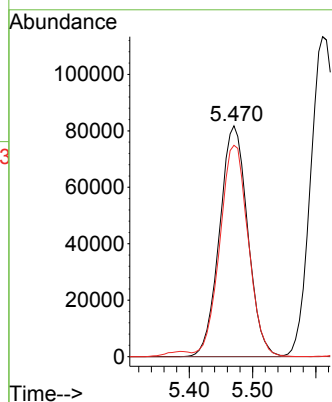
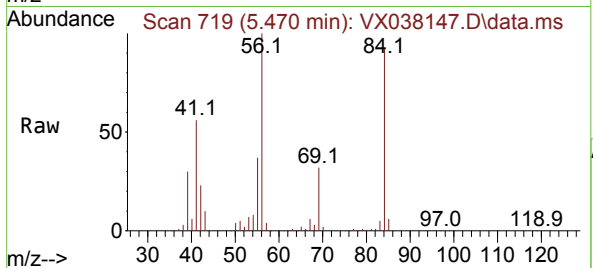




#26
Cyclohexane
Concen: 95.975 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

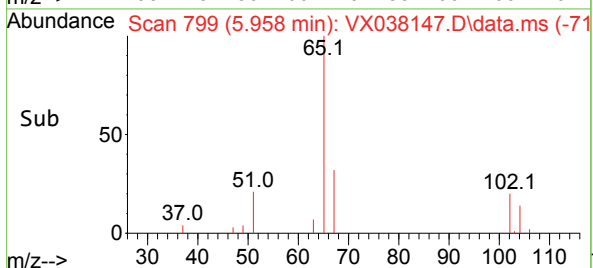
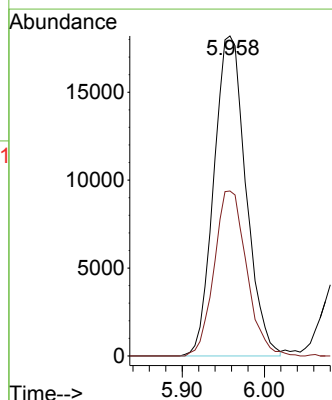
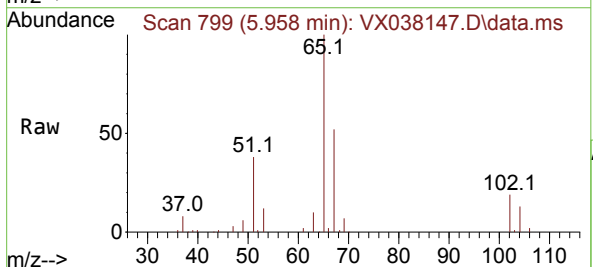
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

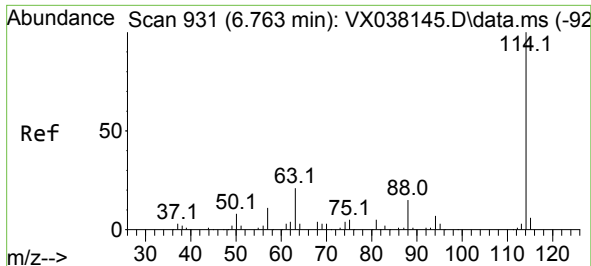
Tgt Ion: 56 Resp: 252658
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.7 71.4 107.2



#27
1,2-Dichloroethane-d4
Concen: 28.798 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion: 65 Resp: 49299
Ion Ratio Lower Upper
65 100
67 52.1 42.1 63.1





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX038147.D

Acq: 06 Oct 2023 23:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

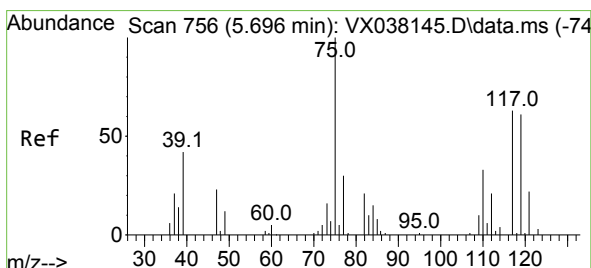
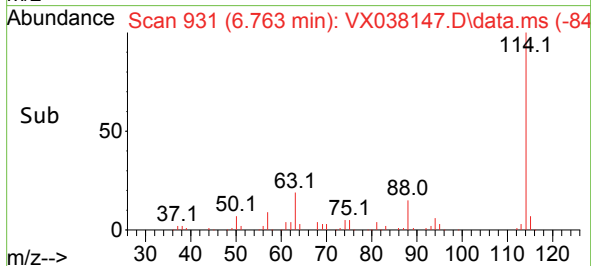
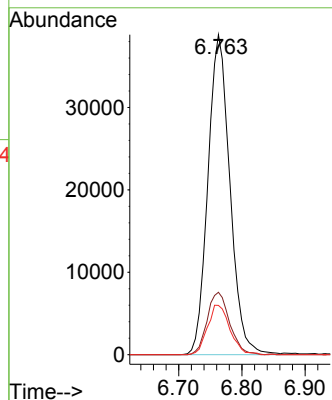
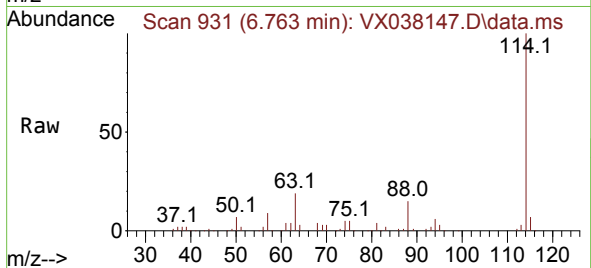
Tgt Ion:114 Resp: 93912

Ion Ratio Lower Upper

114 100

63 19.8 16.6 24.8

88 15.8 12.9 19.3



#29

1,1-Dichloropropene

Concen: 98.417 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.000 min

Lab File: VX038147.D

Acq: 06 Oct 2023 23:52

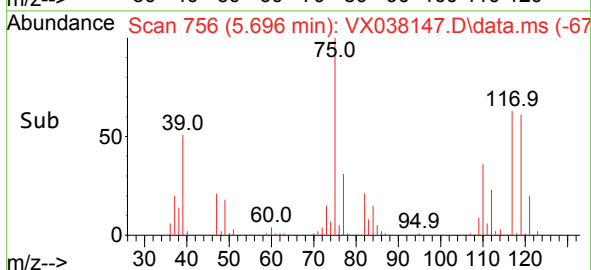
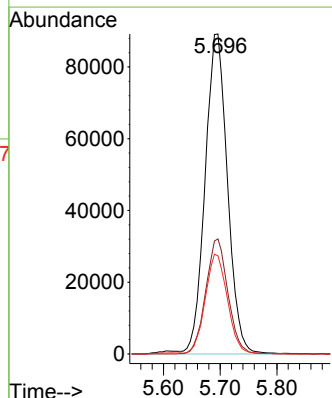
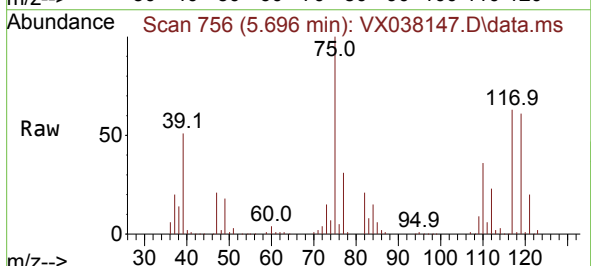
Tgt Ion: 75 Resp: 244532

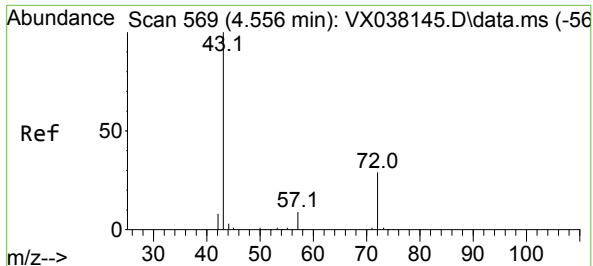
Ion Ratio Lower Upper

75 100

110 35.6 0.0 70.4

77 31.0 0.0 62.8

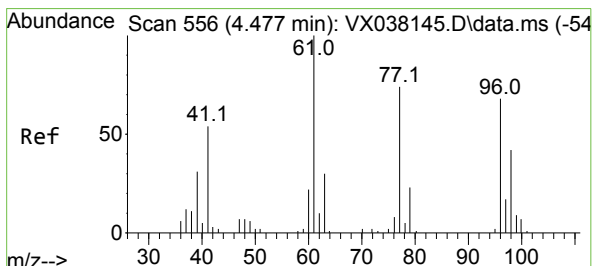
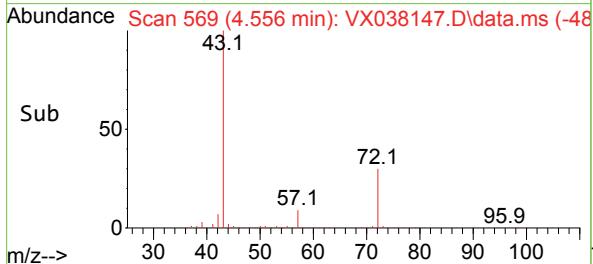
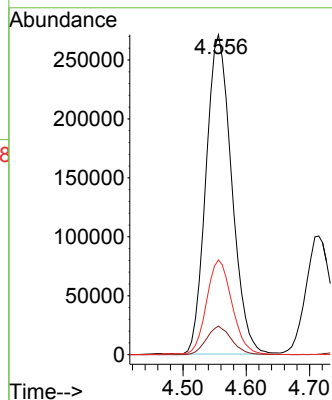
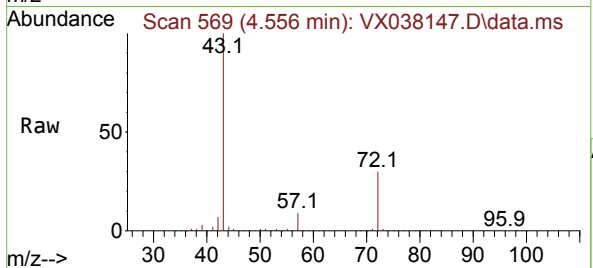




#30
2-Butanone
Concen: 479.296 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

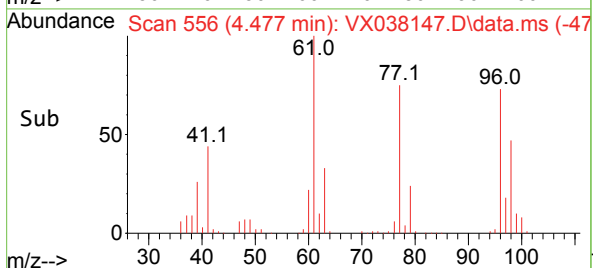
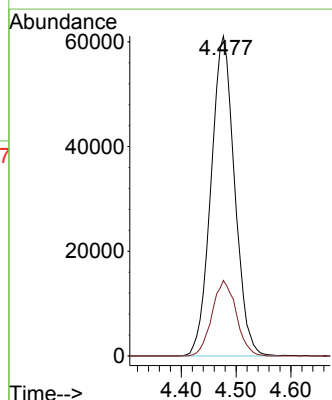
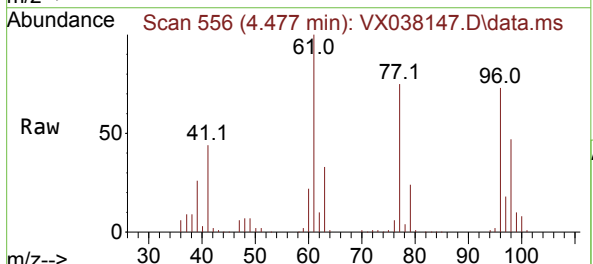
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

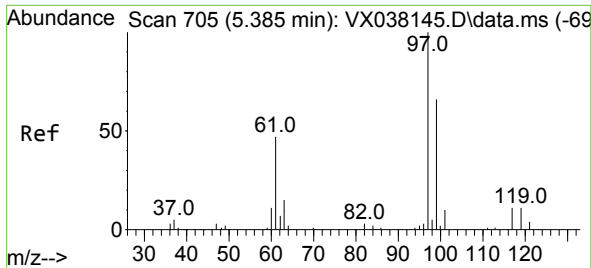
Tgt Ion: 43 Resp: 765450
Ion Ratio Lower Upper
43 100
57 8.7 6.4 9.6
72 29.3 21.6 32.4



#31
2,2-Dichloropropane
Concen: 99.591 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion: 77 Resp: 182798
Ion Ratio Lower Upper
77 100
97 24.2 18.6 27.8

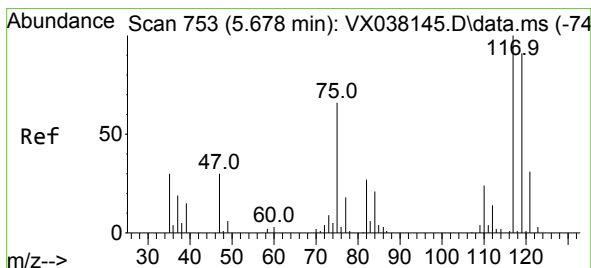
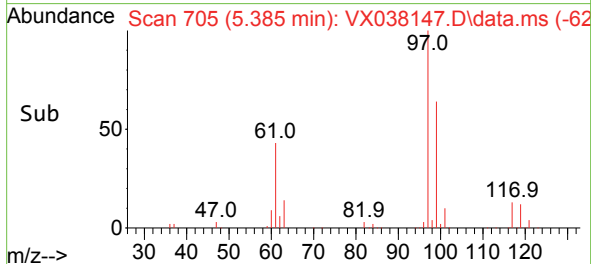
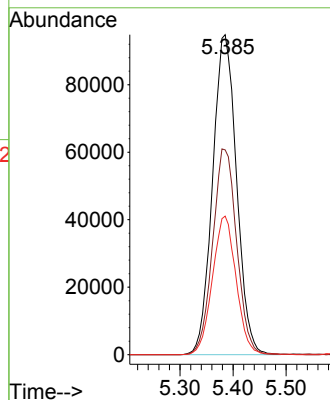
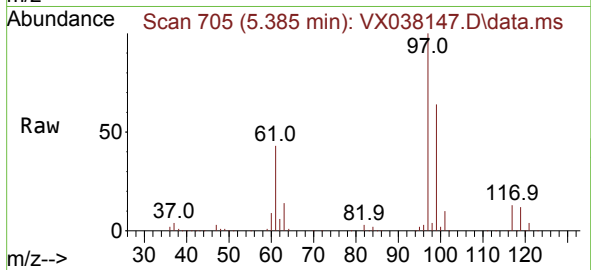




#32
1,1,1-Trichloroethane
Concen: 100.382 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

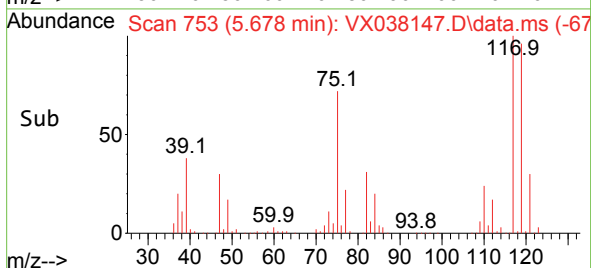
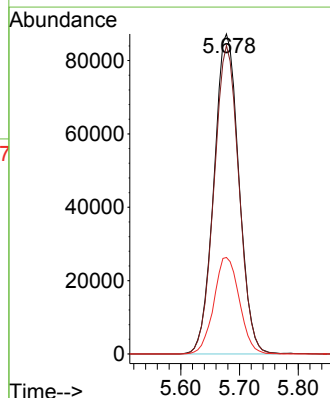
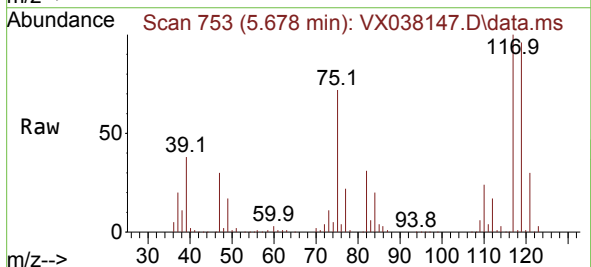
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

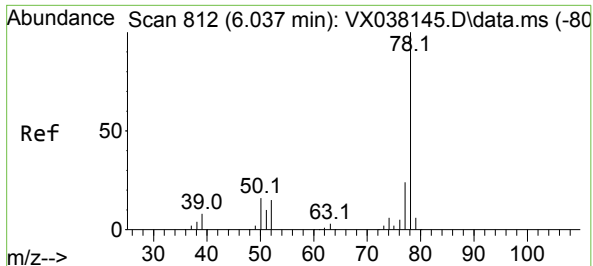
Tgt Ion:	97	Resp:	298021
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.5	77.3
61	42.9	35.8	53.8



#33
Carbon Tetrachloride
Concen: 102.411 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion:	117	Resp:	257603
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.6	115.0
121	30.2	26.5	39.7

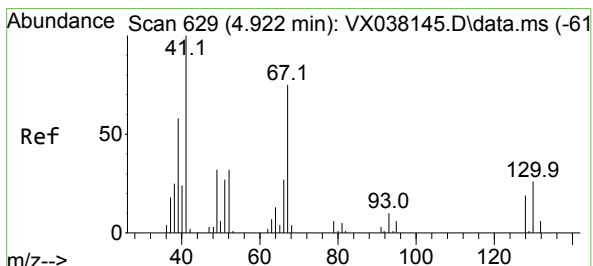
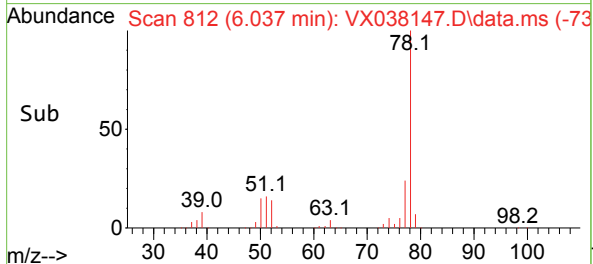
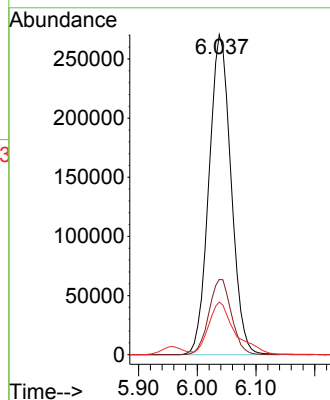
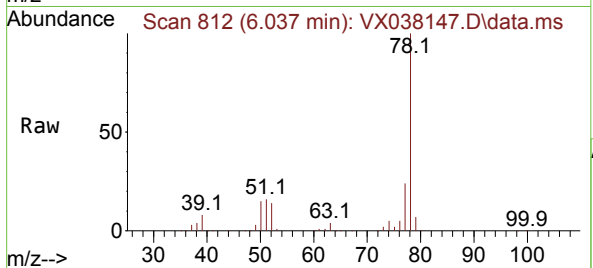




#34
Benzene
Concen: 96.261 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

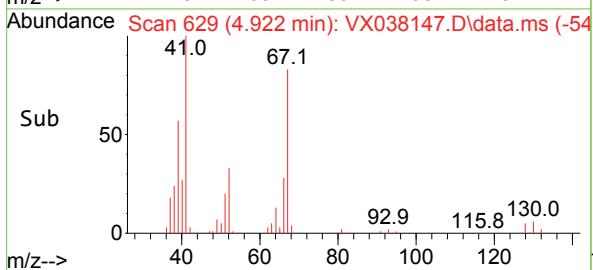
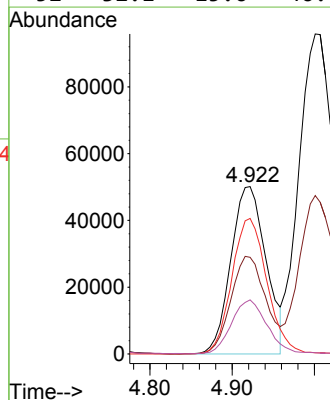
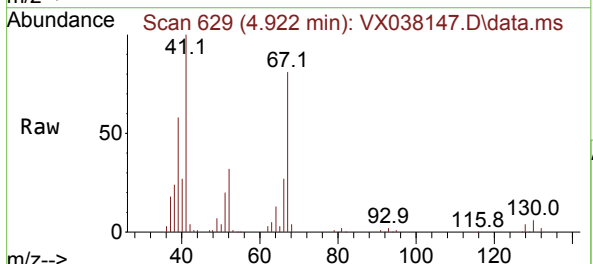
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

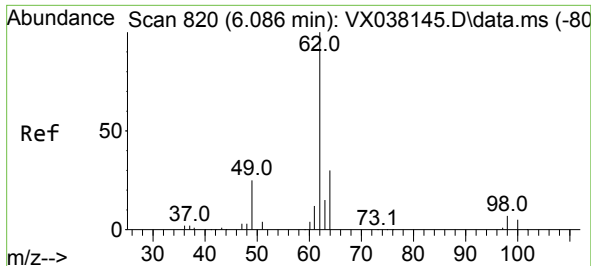
Tgt Ion: 78 Resp: 707522
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1
51 16.3 14.2 21.4



#35
Methacrylonitrile
Concen: 99.874 ug/l
RT: 4.922 min Scan# 629
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion: 41 Resp: 149326
Ion Ratio Lower Upper
41 100
39 57.6 28.2 84.7
67 81.0 35.0 105.1
52 32.1 15.6 46.7

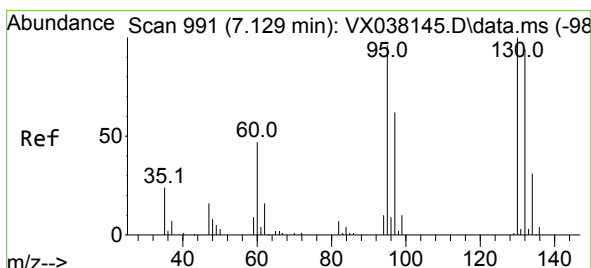
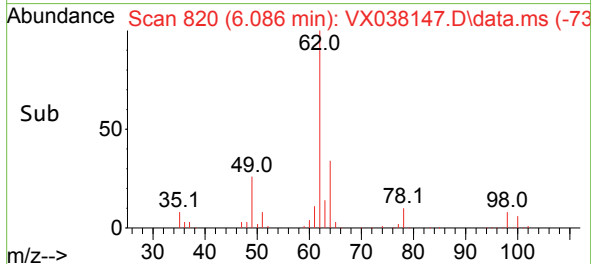
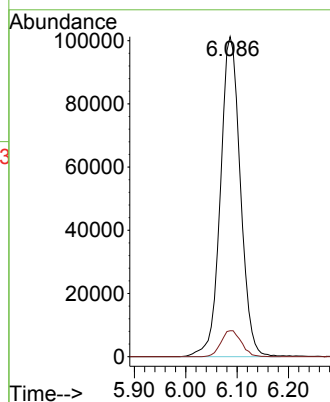
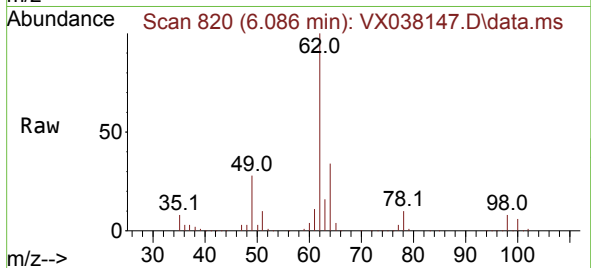




#36
1,2-Dichloroethane
Concen: 95.871 ug/l
RT: 6.086 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

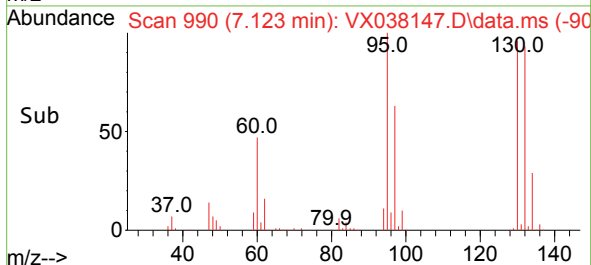
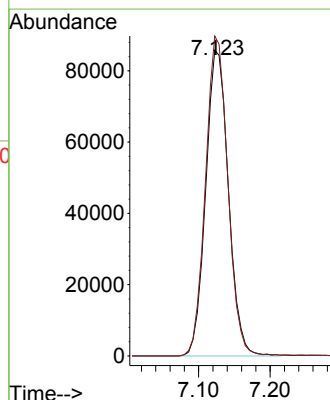
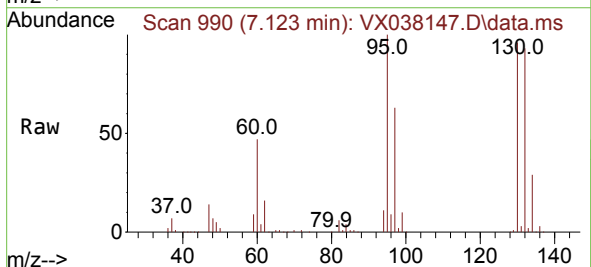
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

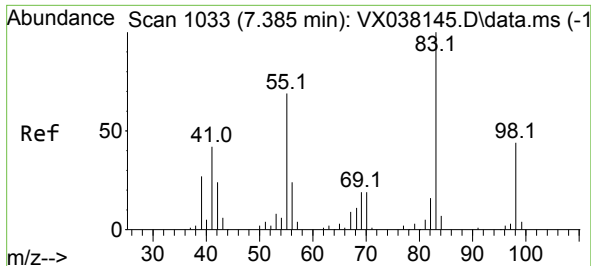
Tgt Ion: 62 Resp: 273376
Ion Ratio Lower Upper
62 100
98 8.2 7.0 10.6



#37
Trichloroethene
Concen: 97.652 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion:130 Resp: 189035
Ion Ratio Lower Upper
130 100
95 104.5 83.2 124.8

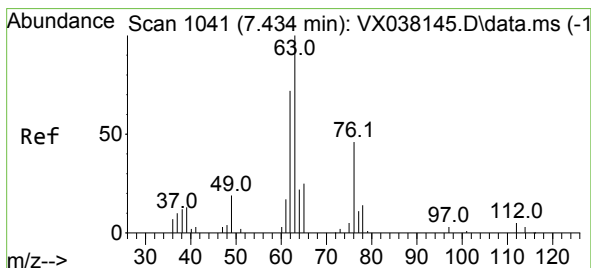
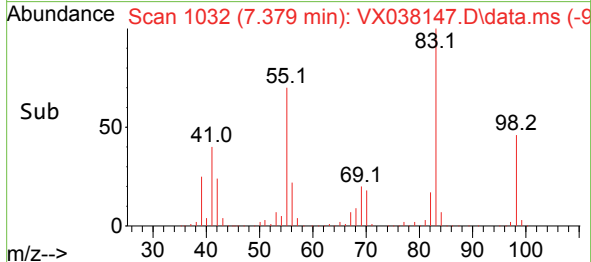
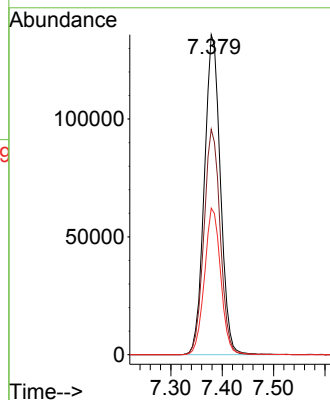
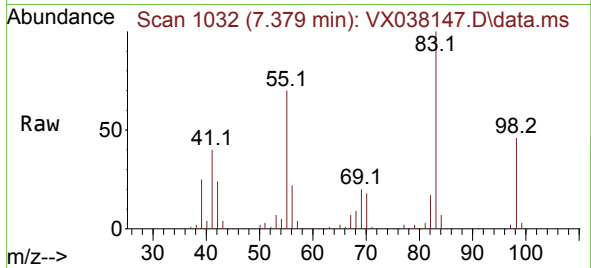




#38
Methylcyclohexane
Concen: 99.709 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

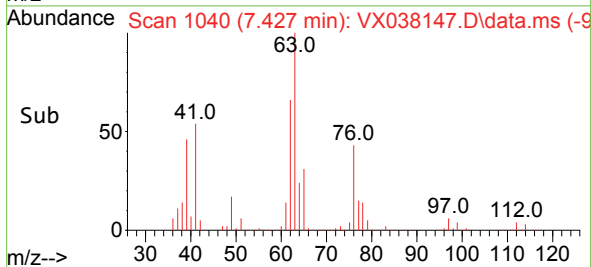
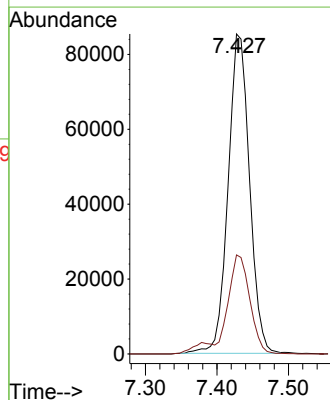
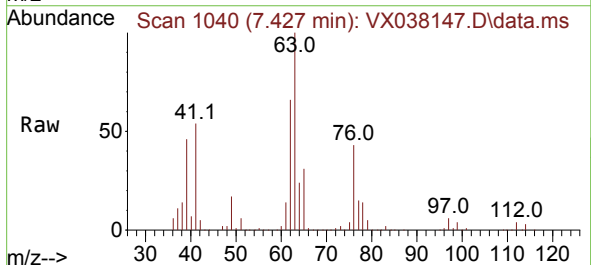
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

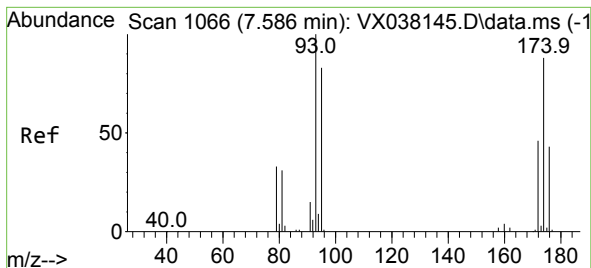
Tgt Ion: 83 Resp: 295102
Ion Ratio Lower Upper
83 100
55 71.3 38.1 114.5
98 46.2 24.4 73.4



#39
1,2-Dichloropropane
Concen: 96.182 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion: 63 Resp: 177209
Ion Ratio Lower Upper
63 100
65 30.9 26.4 39.6





#40

Dibromomethane

Concen: 98.336 ug/l

RT: 7.580 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VX038147.D

Acq: 06 Oct 2023 23:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

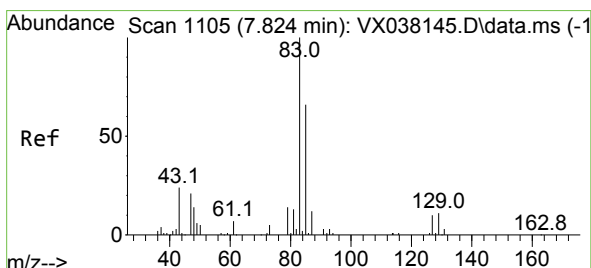
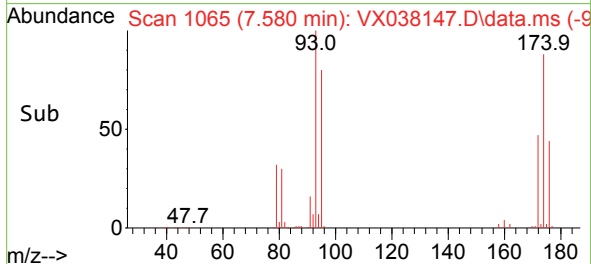
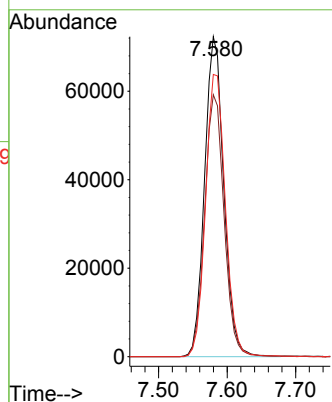
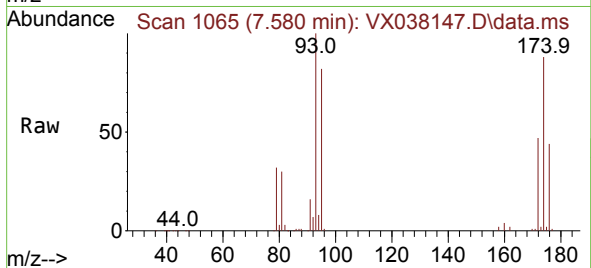
Tgt Ion: 93 Resp: 141574

Ion Ratio Lower Upper

93 100

95 82.6 0.0 166.8

174 90.6 0.0 191.6



#41

Bromodichloromethane

Concen: 103.149 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX038147.D

Acq: 06 Oct 2023 23:52

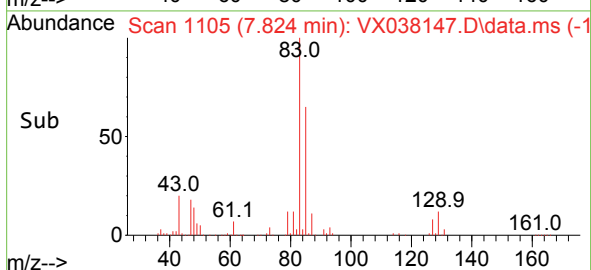
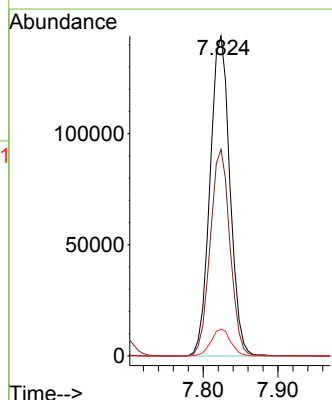
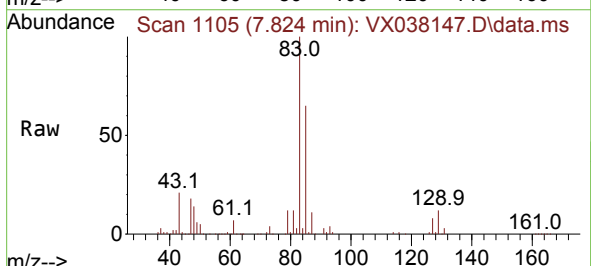
Tgt Ion: 83 Resp: 266216

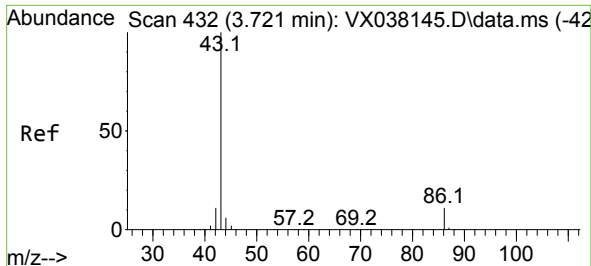
Ion Ratio Lower Upper

83 100

85 64.6 51.5 77.3

127 8.5 6.4 9.6

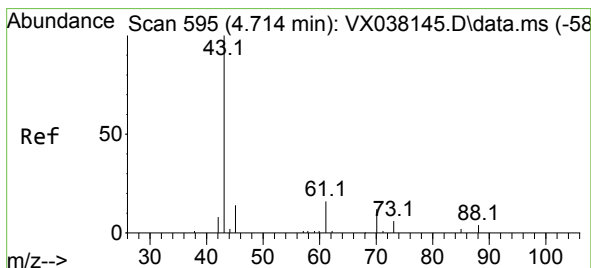
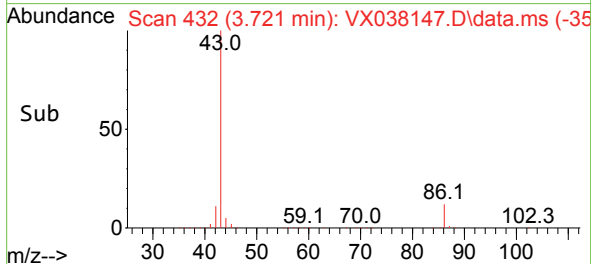
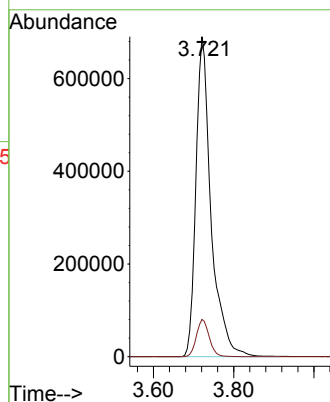
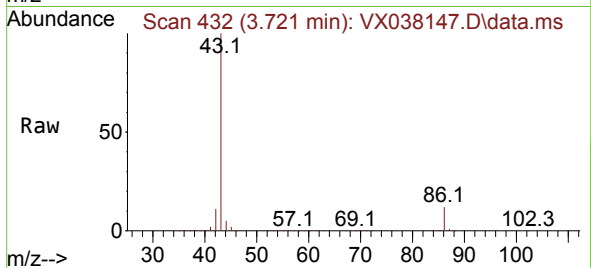




#42
 Vinyl Acetate
 Concen: 514.956 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038147.D
 Acq: 06 Oct 2023 23:52

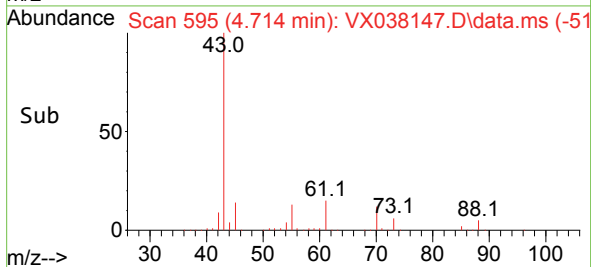
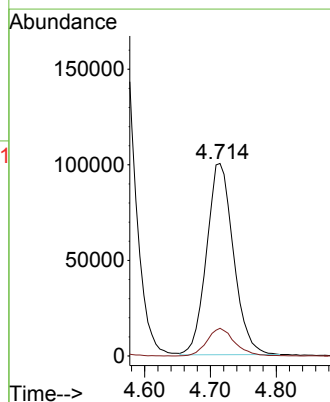
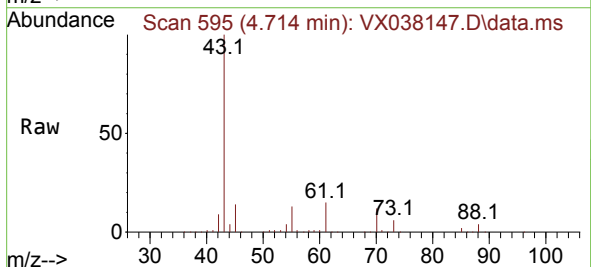
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

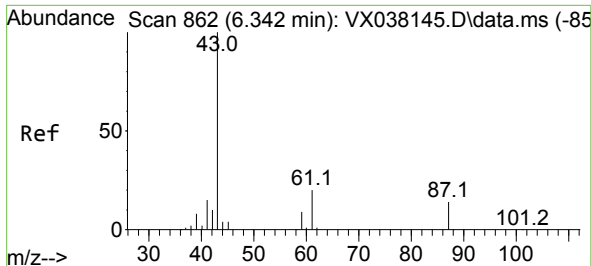
Tgt Ion: 43 Resp: 1810072
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.4 11.0



#43
 Ethyl Acetate
 Concen: 96.478 ug/l
 RT: 4.714 min Scan# 595
 Delta R.T. -0.000 min
 Lab File: VX038147.D
 Acq: 06 Oct 2023 23:52

Tgt Ion: 43 Resp: 285014
 Ion Ratio Lower Upper
 43 100
 45 14.9 12.6 18.8

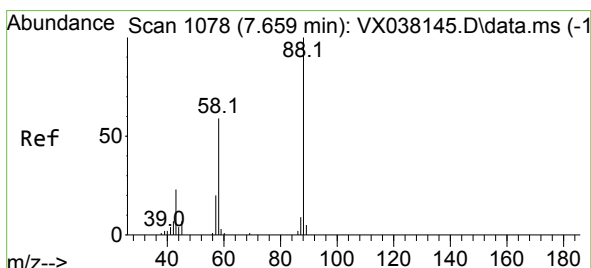
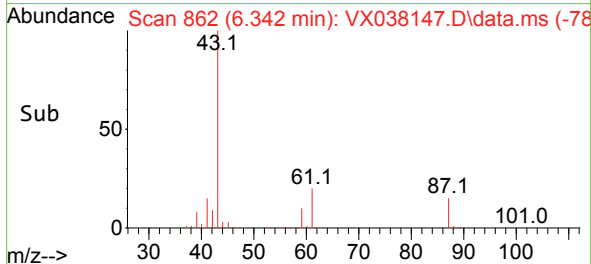
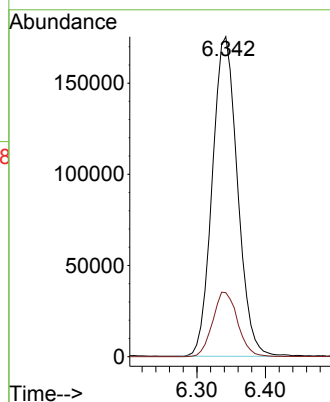
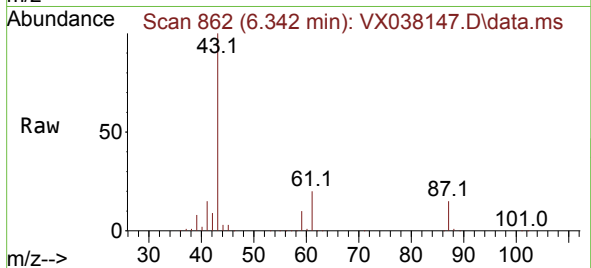




#44
Isopropyl Acetate
Concen: 101.612 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

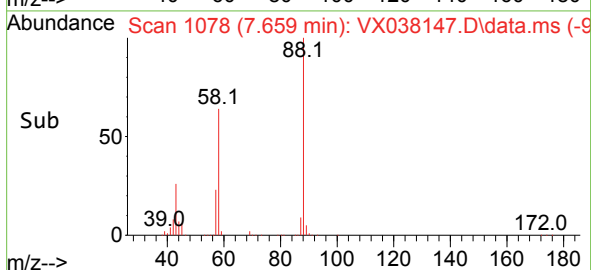
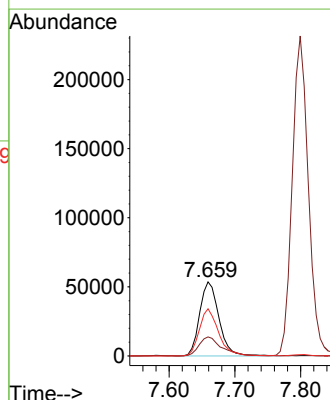
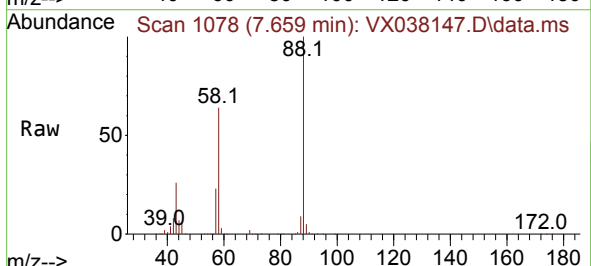
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

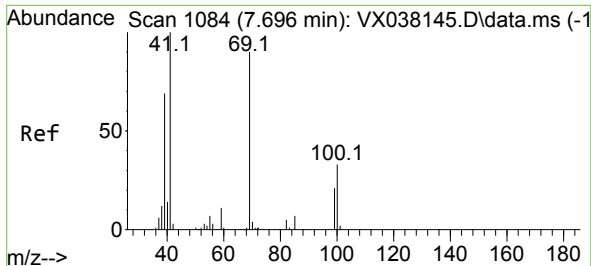
Tgt Ion: 43 Resp: 446865
Ion Ratio Lower Upper
43 100
61 20.1 15.4 23.0



#45
1,4-Dioxane
Concen: 1950.331 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion: 88 Resp: 108997
Ion Ratio Lower Upper
88 100
43 29.6 297.5 446.3#
58 63.4 1.0 1.4#

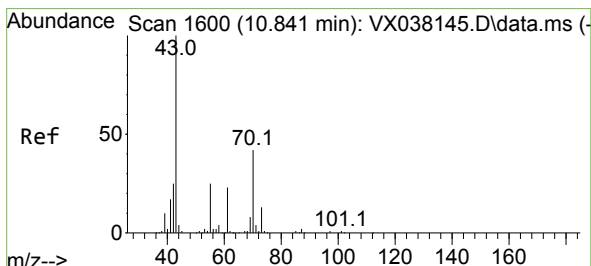
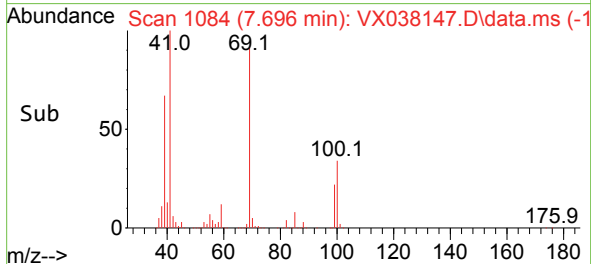
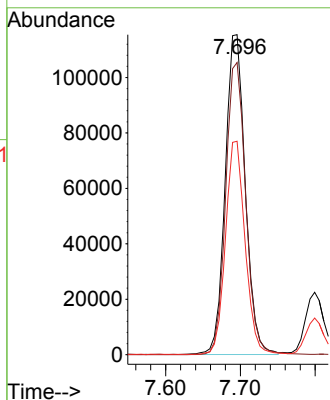
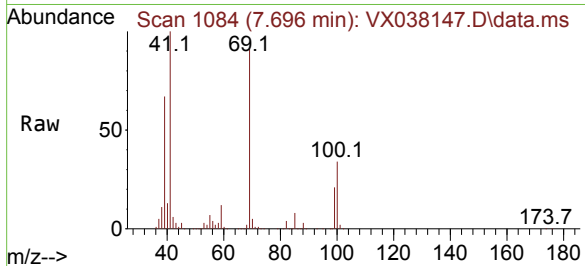




#46
Methyl methacrylate
Concen: 99.447 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

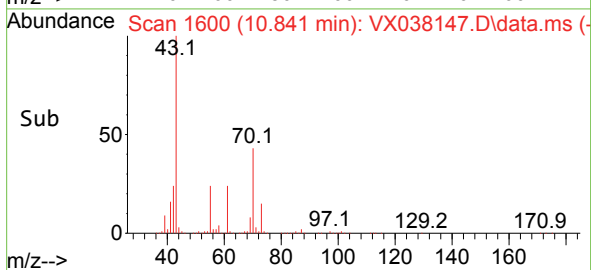
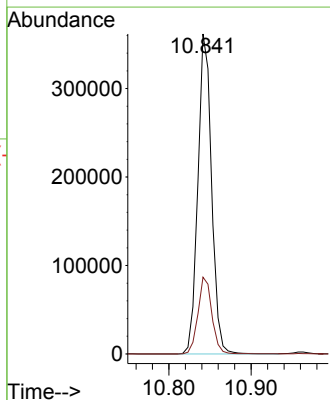
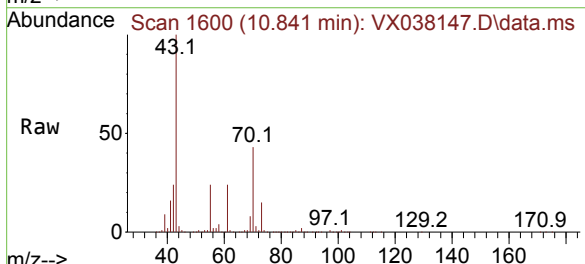
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

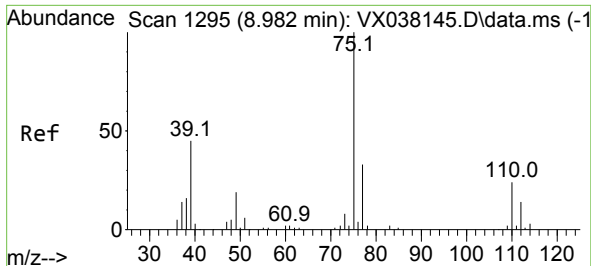
Tgt Ion: 41 Resp: 215625
Ion Ratio Lower Upper
41 100
69 91.3 44.4 133.1
39 66.6 34.9 104.7



#47
n-amy1 Acetate
Concen: 109.916 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion: 43 Resp: 419642
Ion Ratio Lower Upper
43 100
55 24.4 18.6 28.0

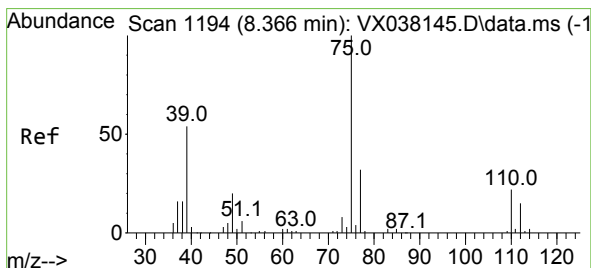
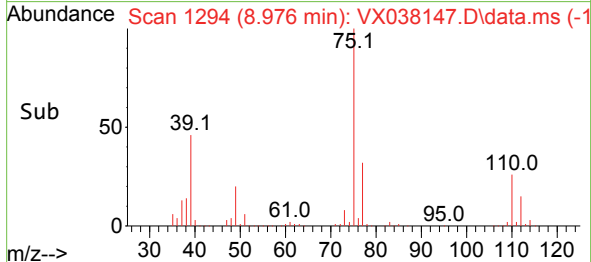
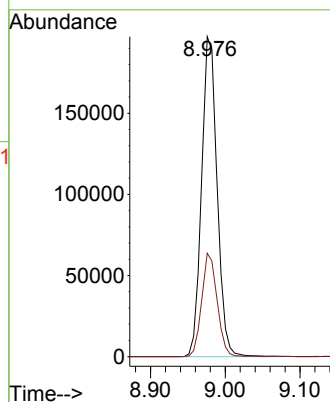
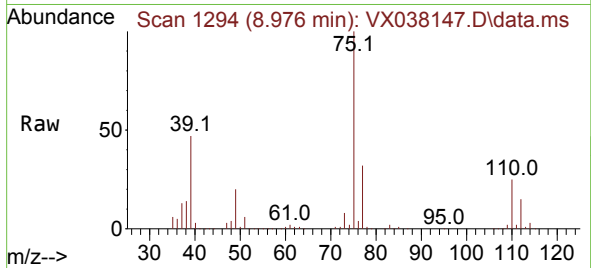




#48
 t-1,3-Dichloropropene
 Concen: 107.354 ug/l
 RT: 8.976 min Scan# 1129
 Delta R.T. -0.006 min
 Lab File: VX038147.D
 Acq: 06 Oct 2023 23:52

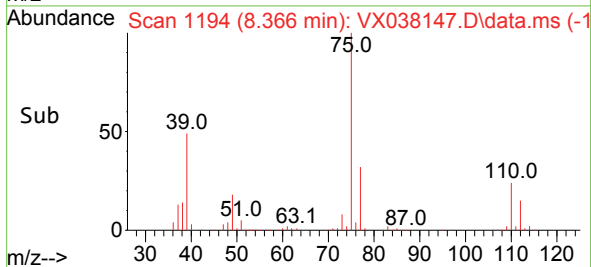
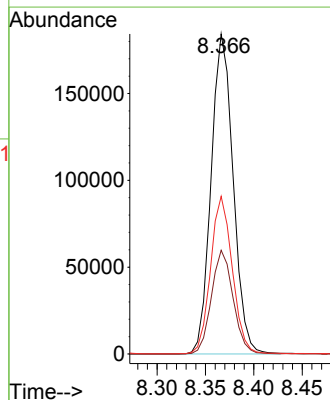
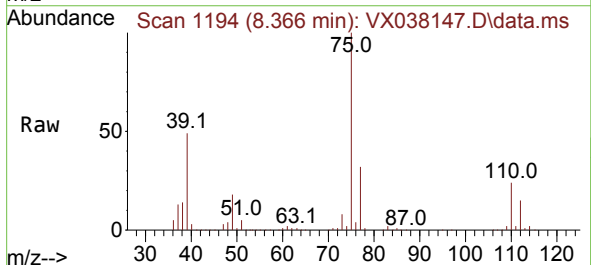
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

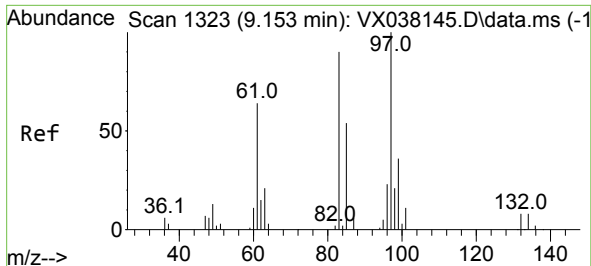
Tgt Ion: 75 Resp: 284793
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.8 40.2



#49
 cis-1,3-Dichloropropene
 Concen: 104.007 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX038147.D
 Acq: 06 Oct 2023 23:52

Tgt Ion: 75 Resp: 292532
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.2
 39 49.2 40.2 60.4

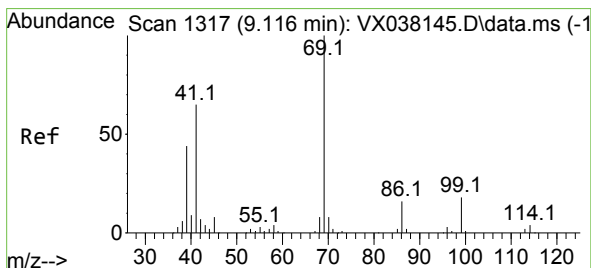
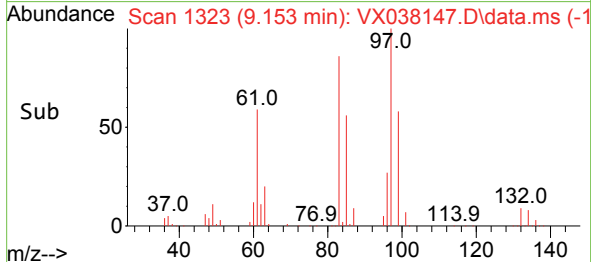
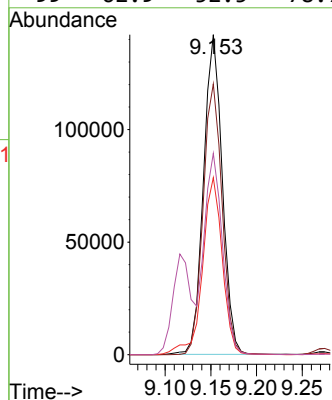
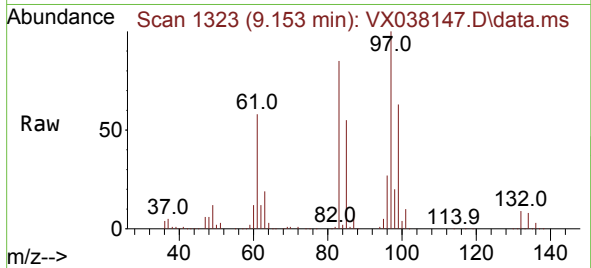




#50
1,1,2-Trichloroethane
Concen: 99.284 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

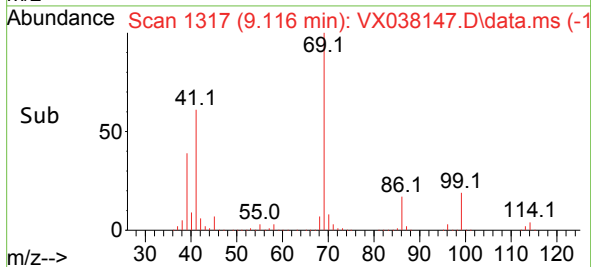
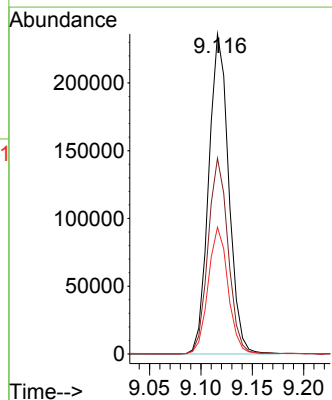
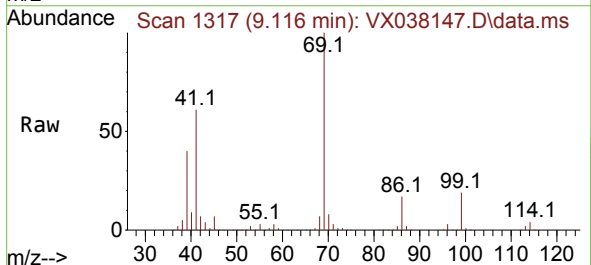
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

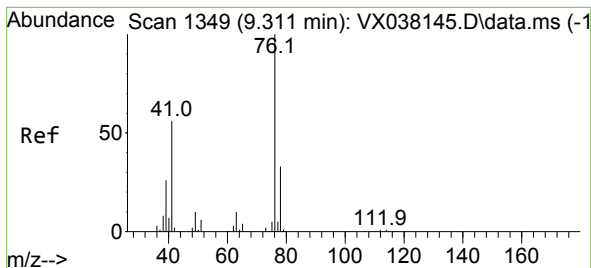
Tgt Ion:	97	Resp:	201802
Ion	Ratio	Lower	Upper
97	100		
83	84.6	70.0	105.0
85	55.3	46.1	69.1
99	62.9	52.5	78.7



#51
Ethyl methacrylate
Concen: 105.446 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion:	69	Resp:	320980
Ion	Ratio	Lower	Upper
69	100		
41	61.1	32.0	96.0
39	39.5	19.4	58.4





#52

1,3-Dichloropropane

Concen: 98.134 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VX038147.D

Acq: 06 Oct 2023 23:52

Instrument :

MSVOA_X

ClientSampleId :

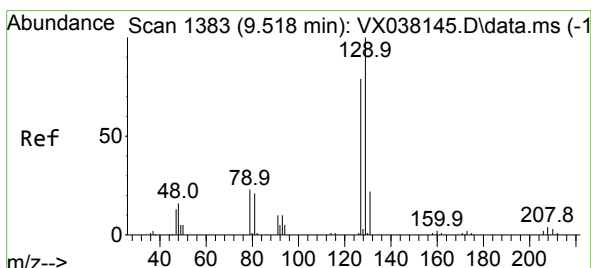
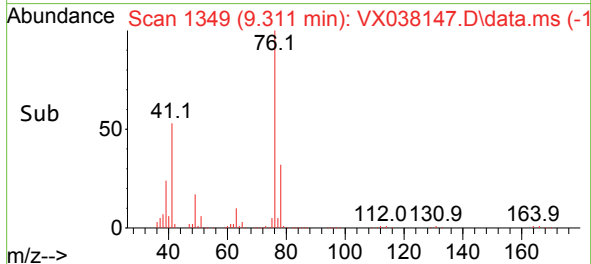
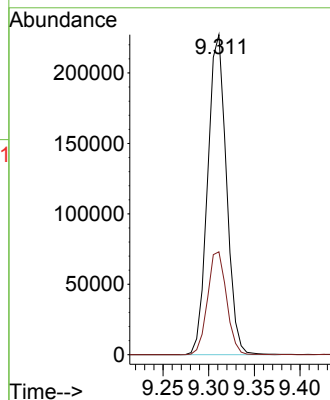
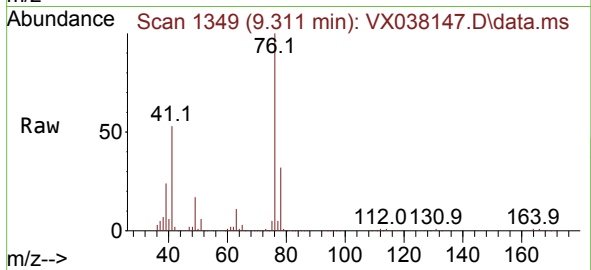
VSTDICC100

Tgt Ion: 76 Resp: 324373

Ion Ratio Lower Upper

76 100

78 32.6 0.0 63.6



#53

Dibromochloromethane

Concen: 108.322 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX038147.D

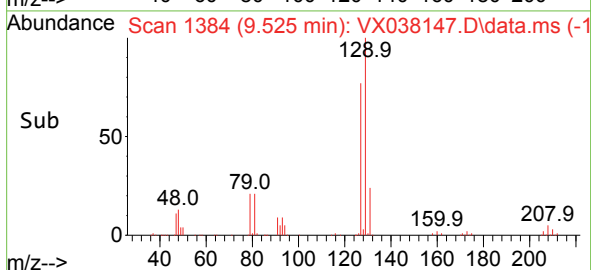
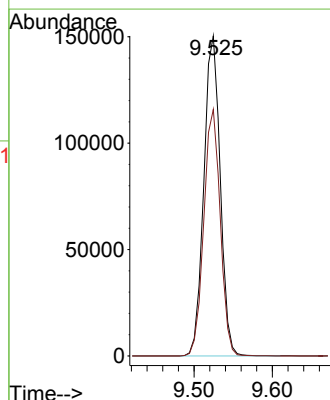
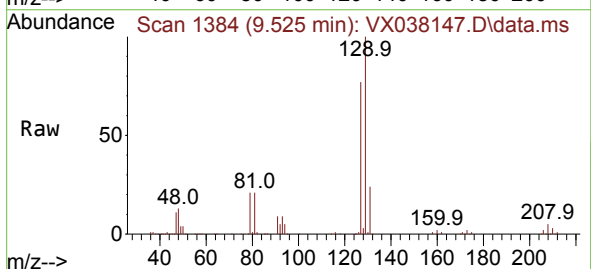
Acq: 06 Oct 2023 23:52

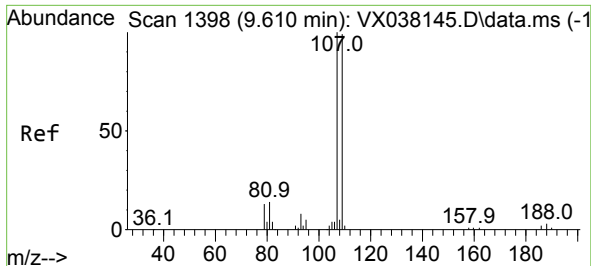
Tgt Ion: 129 Resp: 218112

Ion Ratio Lower Upper

129 100

127 77.4 38.6 115.8

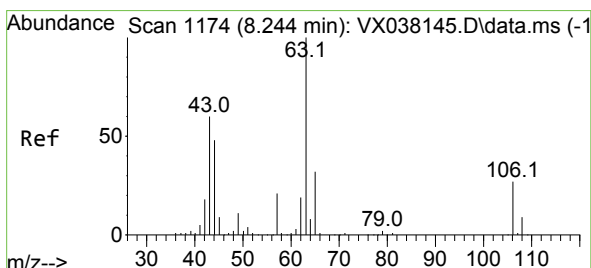
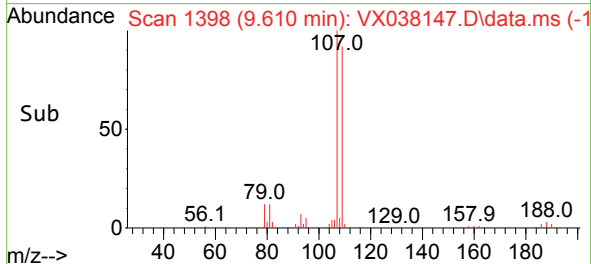
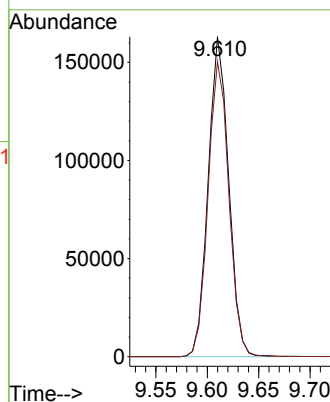
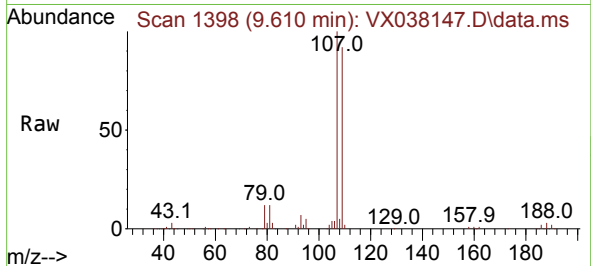




#54
1,2-Dibromoethane
Concen: 101.709 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

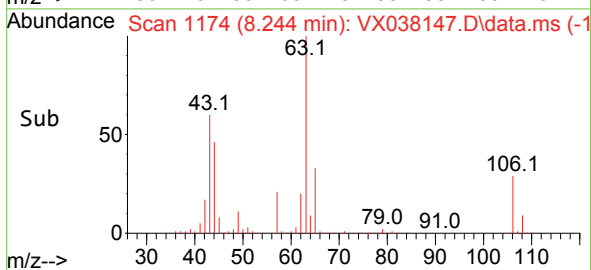
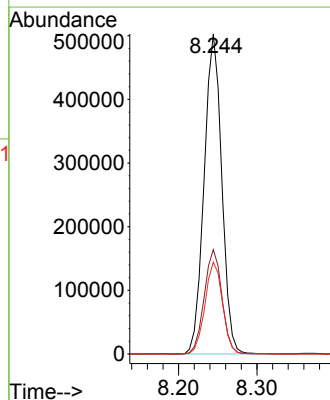
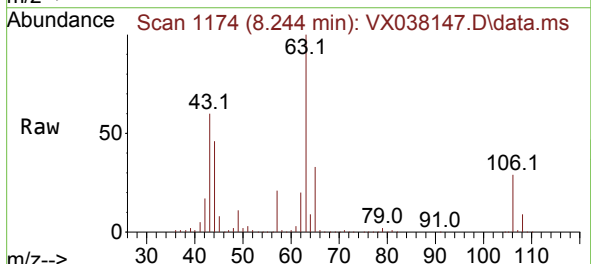
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

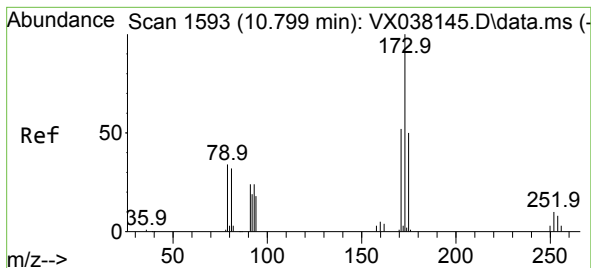
Tgt Ion:107 Resp: 225901
Ion Ratio Lower Upper
107 100
109 93.5 74.7 112.1



#55
2-Chloroethyl vinyl ether
Concen: 511.265 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion: 63 Resp: 785522
Ion Ratio Lower Upper
63 100
65 32.6 25.9 38.9
106 28.6 21.8 32.8





#56

Bromoform

Concen: 113.121 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038147.D

Acq: 06 Oct 2023 23:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

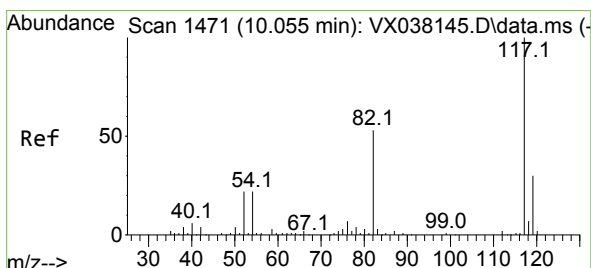
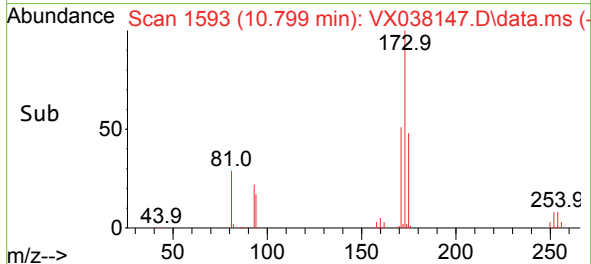
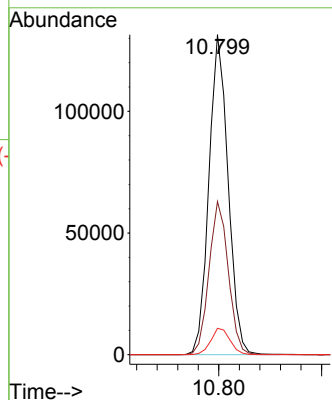
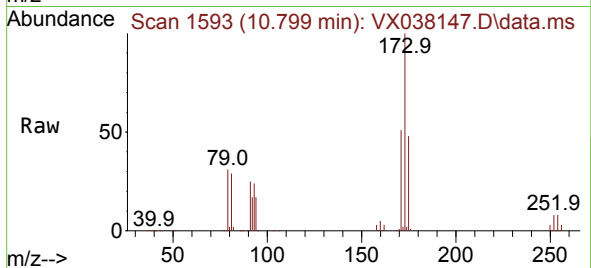
Tgt Ion:173 Resp: 170227

Ion Ratio Lower Upper

173 100

175 48.2 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: VX038147.D

Acq: 06 Oct 2023 23:52

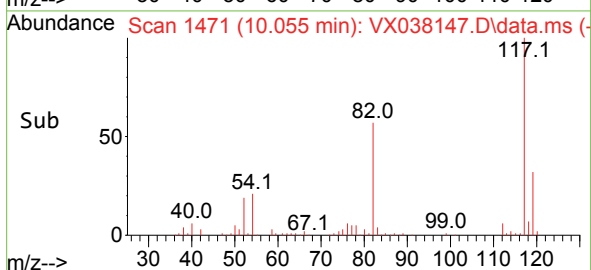
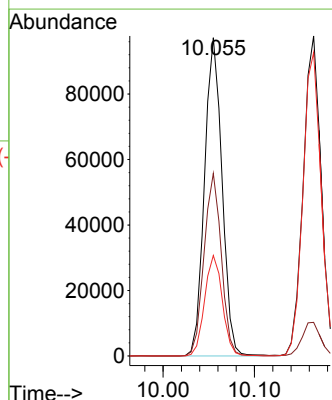
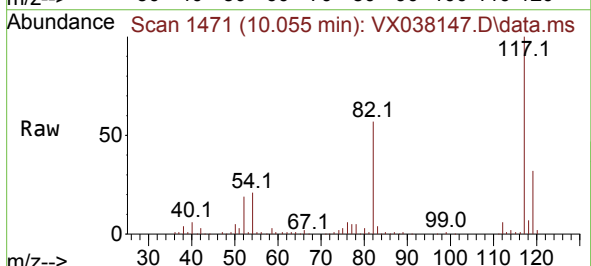
Tgt Ion:117 Resp: 129228

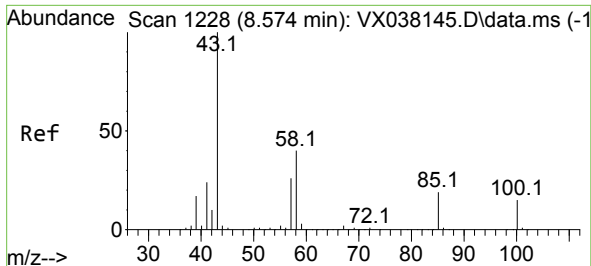
Ion Ratio Lower Upper

117 100

82 56.6 44.7 67.1

119 32.0 25.6 38.4

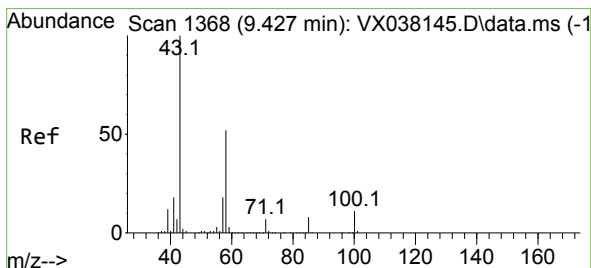
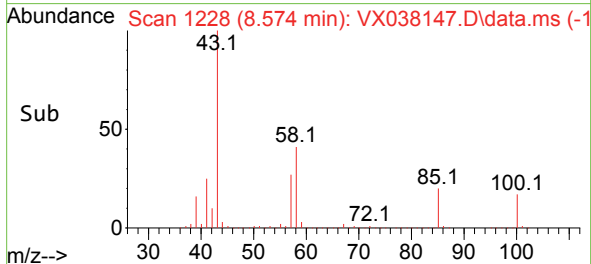
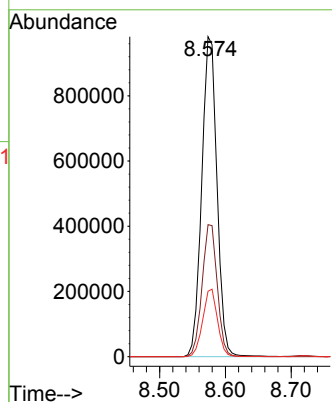
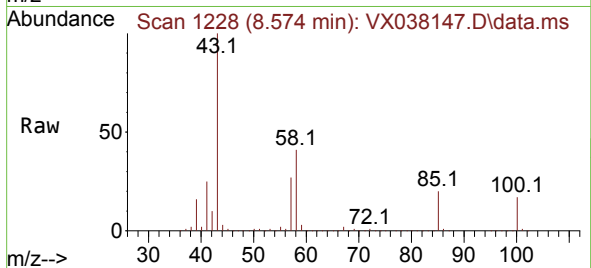




#58
4-Methyl-2-Pentanone
Concen: 487.409 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

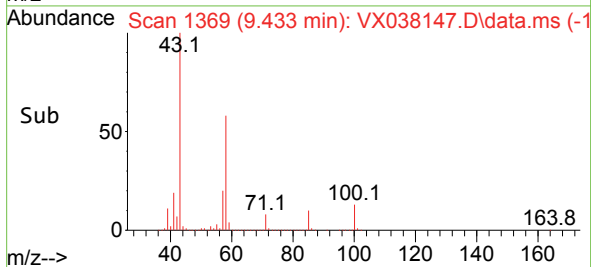
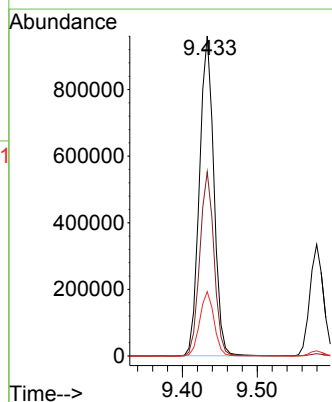
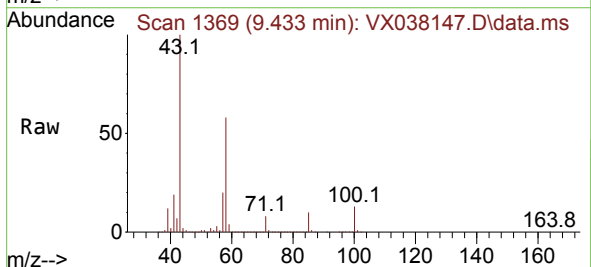
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

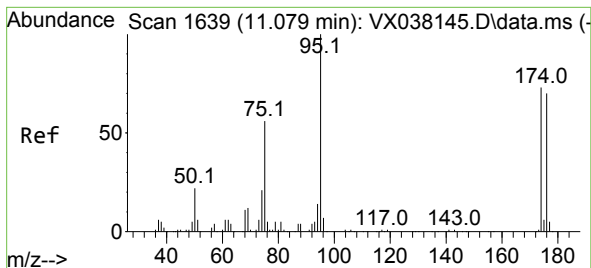
Tgt Ion: 43 Resp: 1576548
Ion Ratio Lower Upper
43 100
58 41.1 30.9 46.3
85 20.5 14.4 21.6



#59
2-Hexanone
Concen: 493.412 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion: 43 Resp: 1283124
Ion Ratio Lower Upper
43 100
58 57.0 43.4 65.2
57 20.0 15.1 22.7

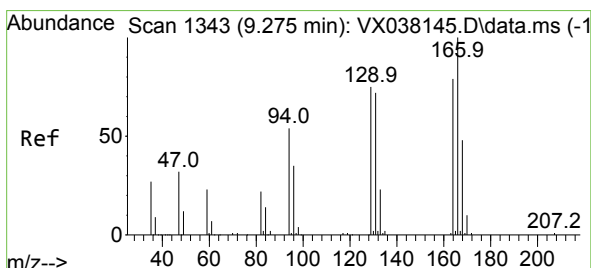
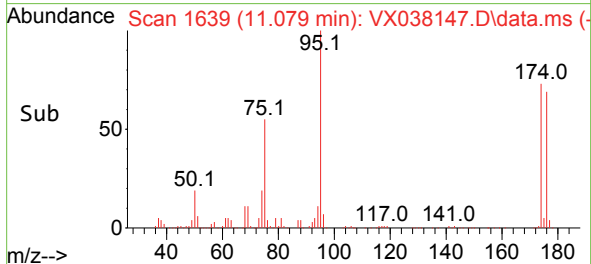
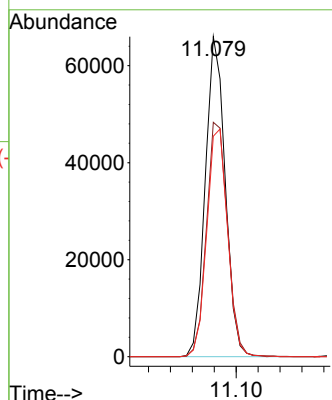
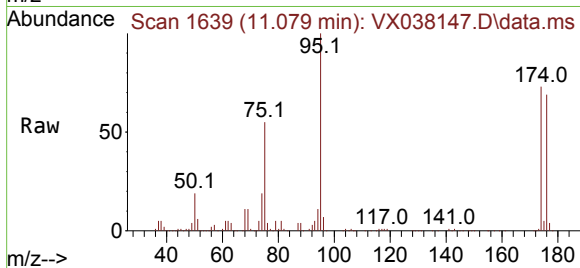




#60
4-Bromofluorobenzene
Concen: 30.903 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

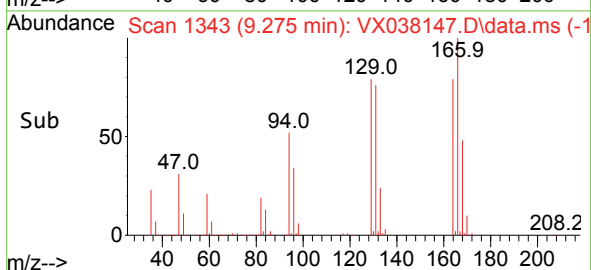
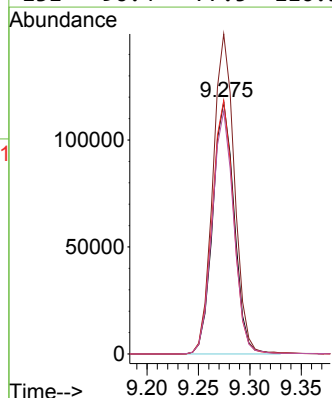
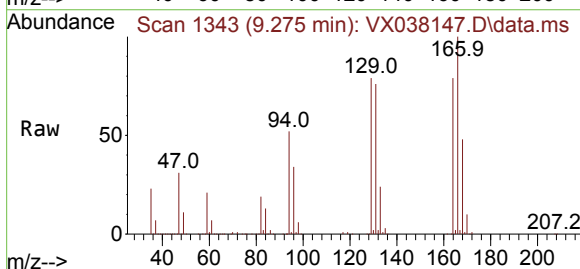
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

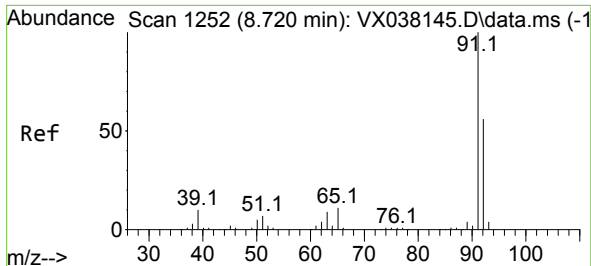
Tgt Ion: 95 Resp: 83190
Ion Ratio Lower Upper
95 100
174 77.5 60.5 90.7
176 74.6 58.2 87.4



#61
Tetrachloroethene
Concen: 96.721 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion: 164 Resp: 170786
Ion Ratio Lower Upper
164 100
166 127.0 104.5 156.7
129 100.6 78.0 117.0
131 96.4 77.5 116.3

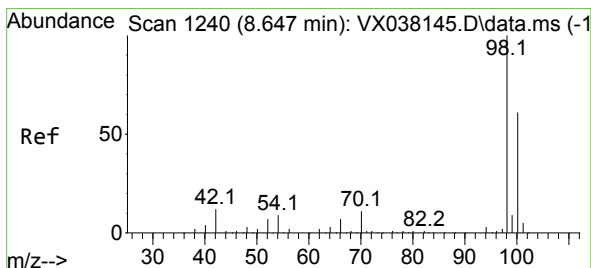
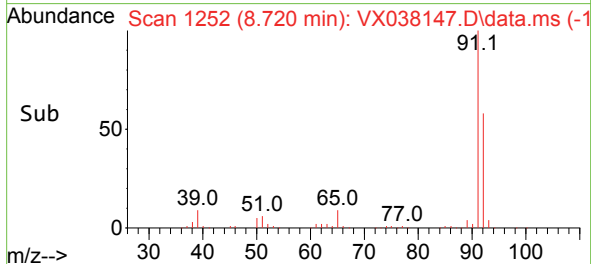
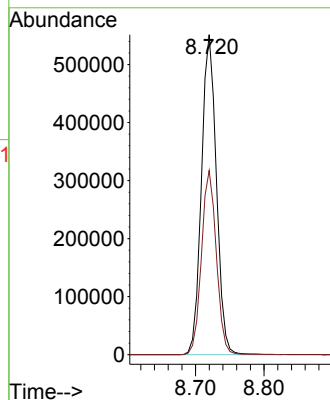
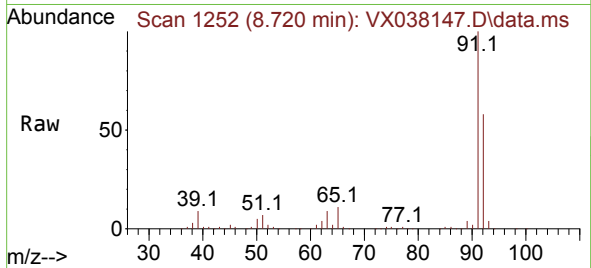




#62
Toluene
Concen: 97.165 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

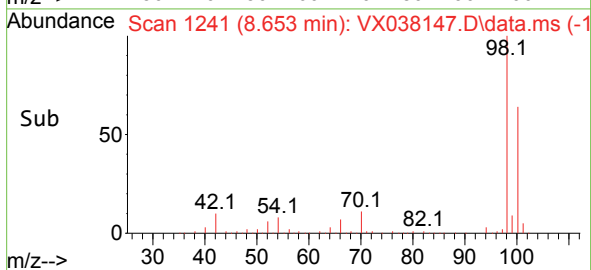
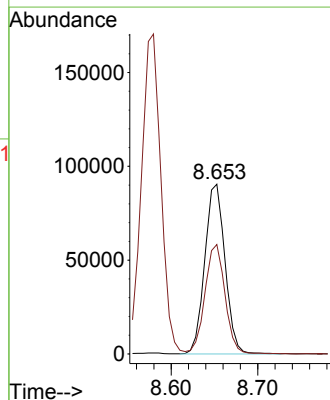
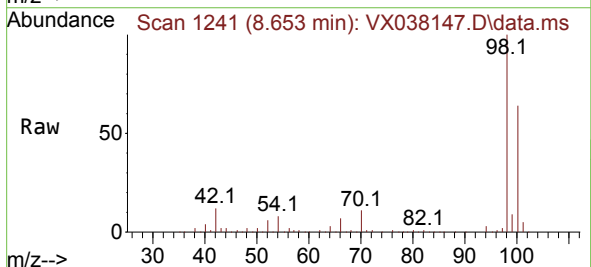
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

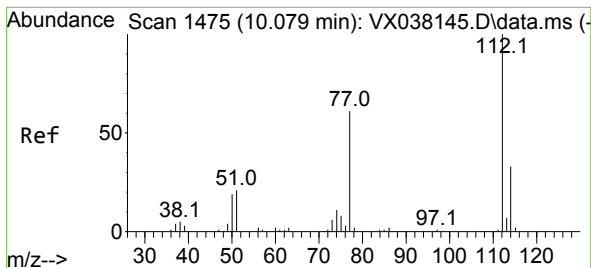
Tgt Ion: 91 Resp: 836595
Ion Ratio Lower Upper
91 100
92 57.3 44.9 67.3



#63
Toluene-d8
Concen: 29.384 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion: 98 Resp: 147043
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4

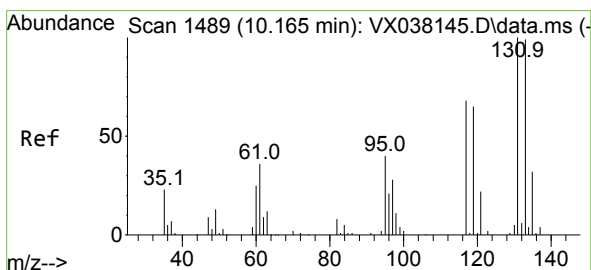
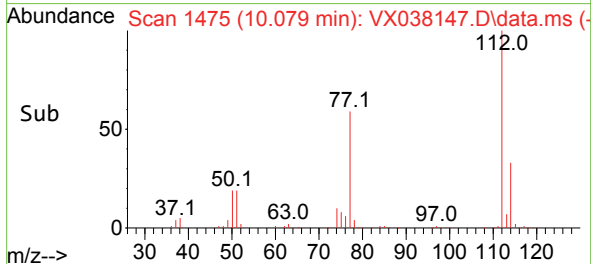
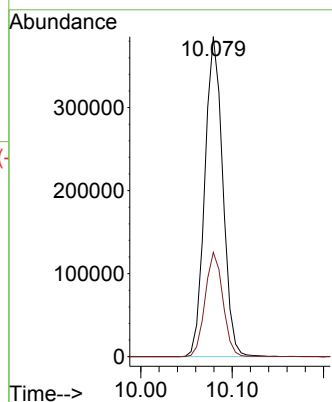
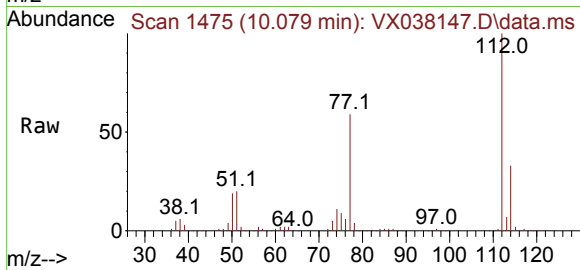




#64
Chlorobenzene
Concen: 97.611 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

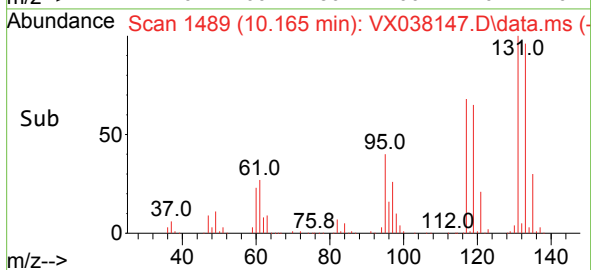
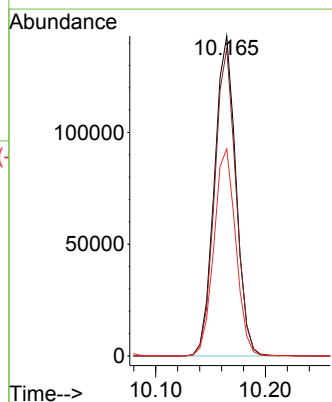
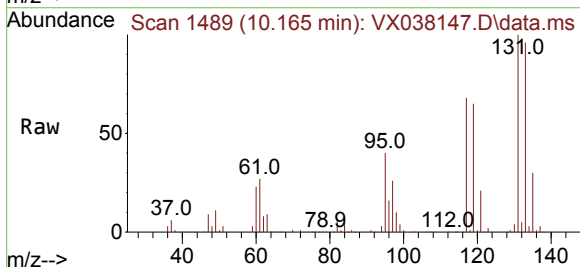
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

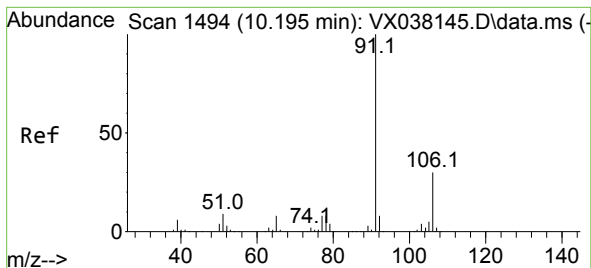
Tgt Ion:112 Resp: 526293
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#65
1,1,1,2-Tetrachloroethane
Concen: 103.982 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion:131 Resp: 195437
Ion Ratio Lower Upper
131 100
133 94.8 0.0 192.0
119 65.6 0.0 132.8

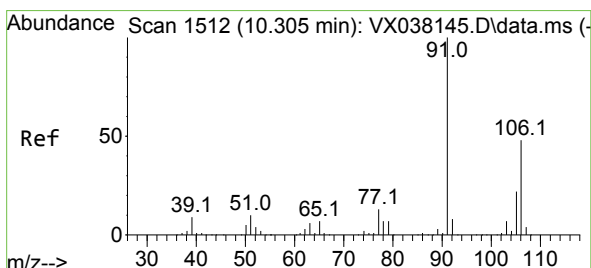
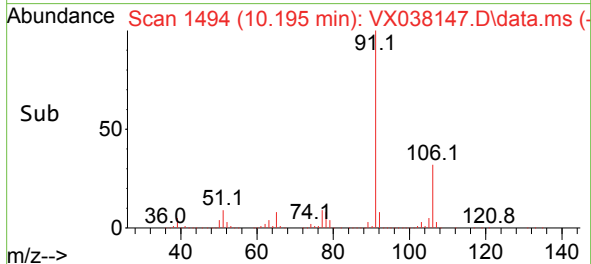
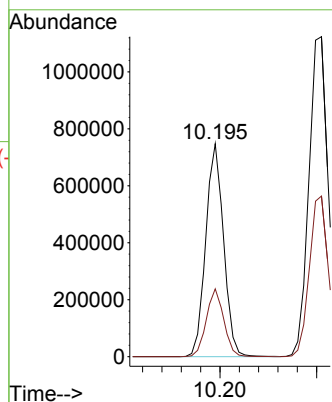
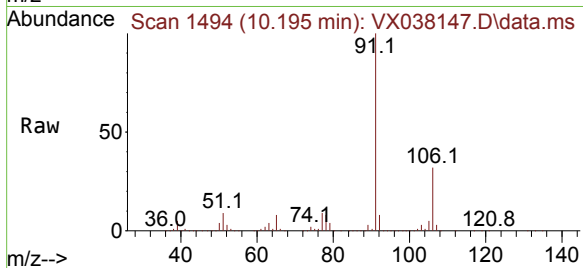




#66
Ethyl Benzene
Concen: 98.425 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

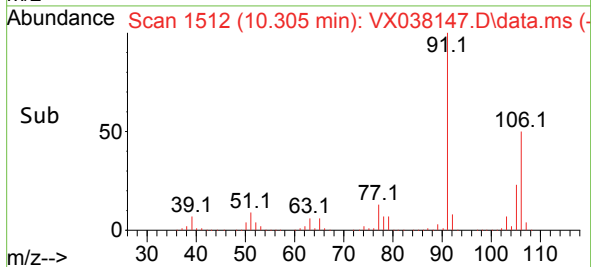
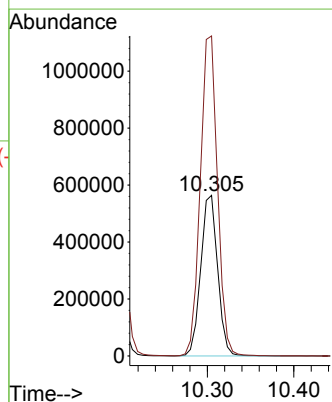
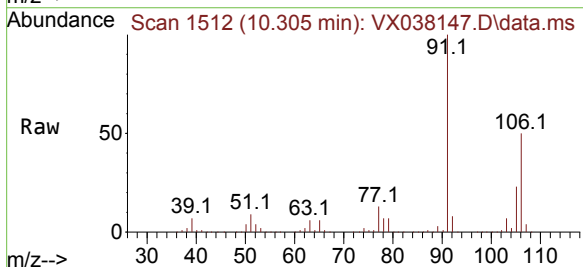
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

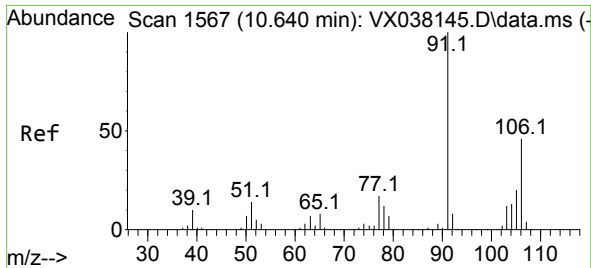
Tgt Ion: 91 Resp: 960953
Ion Ratio Lower Upper
91 100
106 31.8 24.2 36.4



#67
m/p-Xylenes
Concen: 201.899 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion: 106 Resp: 764718
Ion Ratio Lower Upper
106 100
91 202.5 160.5 240.7

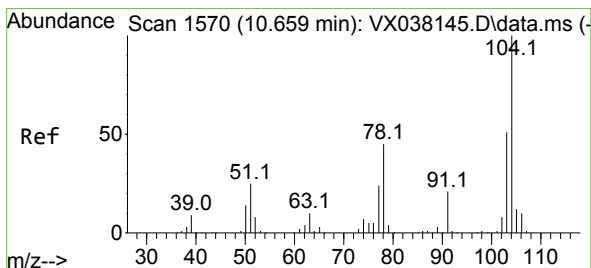
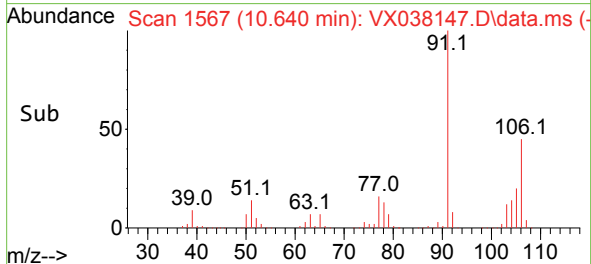
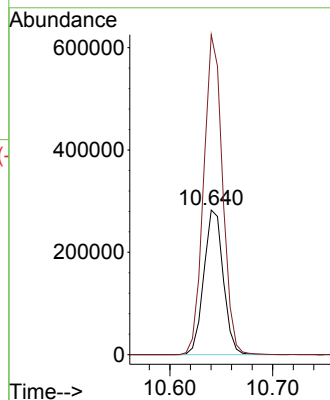
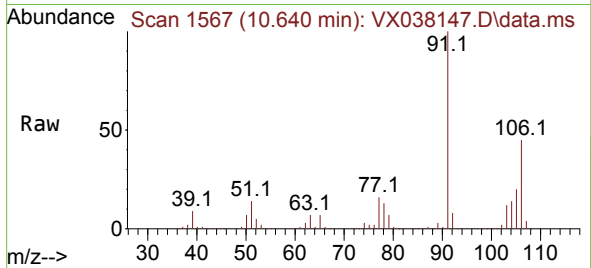




#68
o-Xylene
Concen: 101.078 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

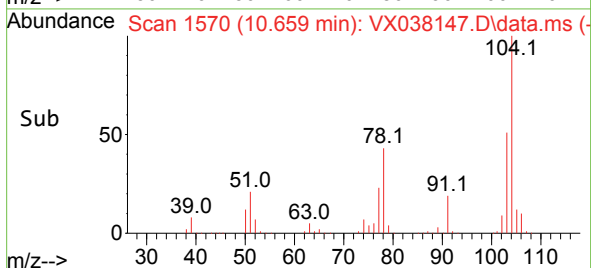
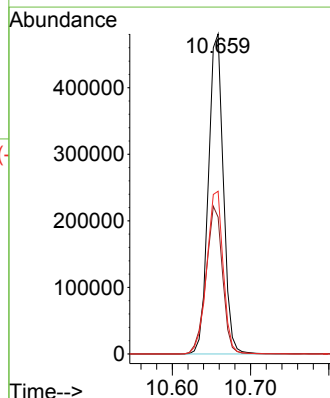
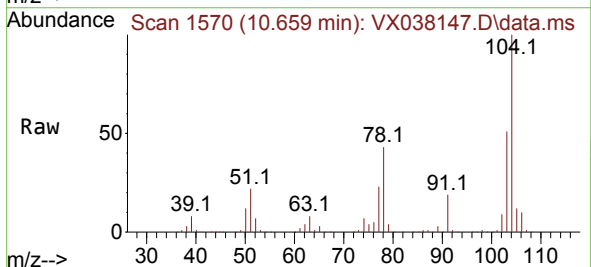
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

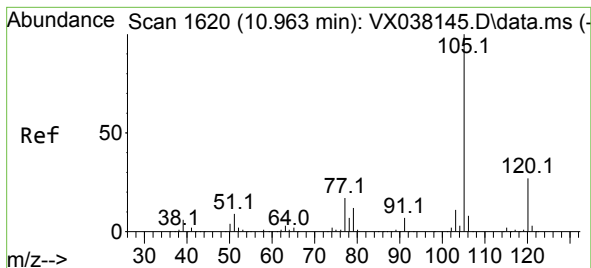
Tgt Ion:106 Resp: 371471
Ion Ratio Lower Upper
106 100
91 215.5 105.4 316.1



#69
Styrene
Concen: 104.232 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion:104 Resp: 636519
Ion Ratio Lower Upper
104 100
78 50.9 41.0 61.4
103 55.8 45.5 68.3





#70

Isopropylbenzene

Concen: 101.057 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX038147.D

Acq: 06 Oct 2023 23:52

Instrument :

MSVOA_X

ClientSampleId :

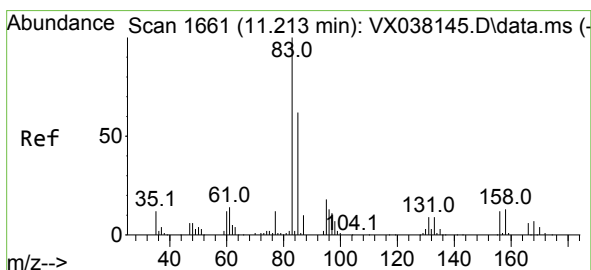
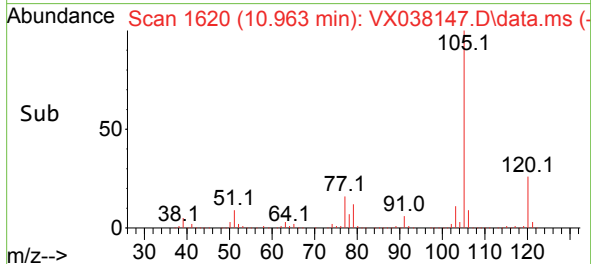
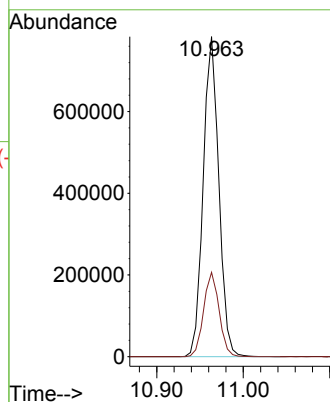
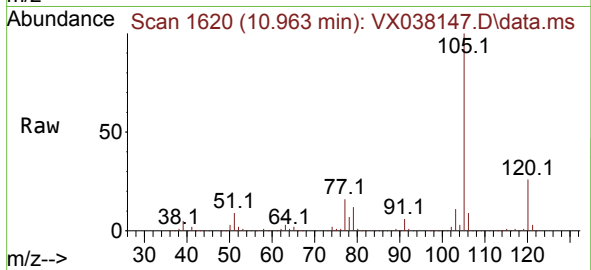
VSTDIC100

Tgt Ion:105 Resp: 979449

Ion Ratio Lower Upper

105 100

120 26.2 19.5 36.3



#71

1,1,2,2-Tetrachloroethane

Concen: 98.861 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX038147.D

Acq: 06 Oct 2023 23:52

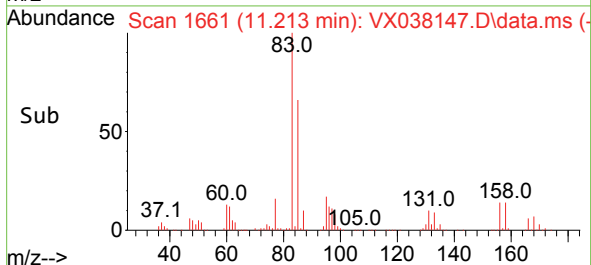
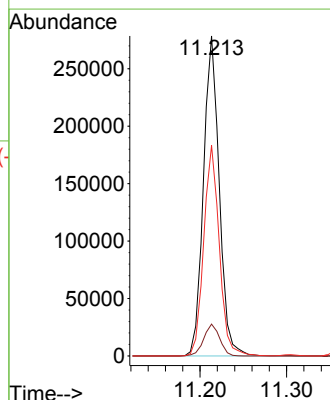
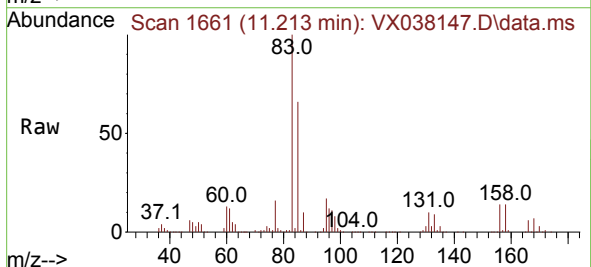
Tgt Ion: 83 Resp: 353167

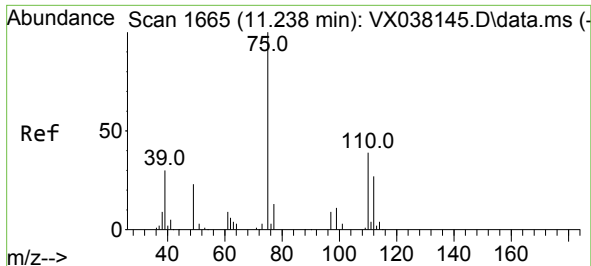
Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.8

85 64.8 32.4 97.0

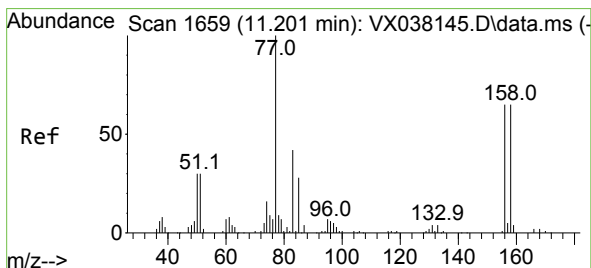
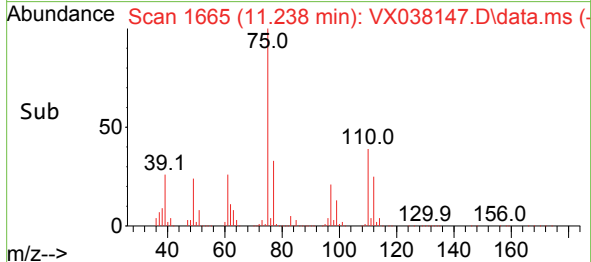
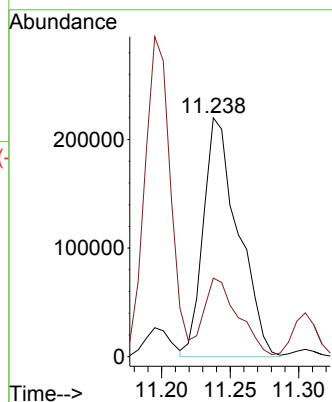
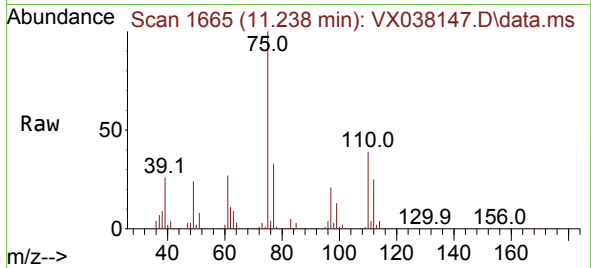




#72
1,2,3-Trichloropropane
Concen: 119.919 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

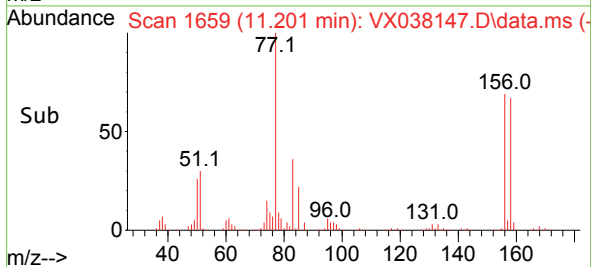
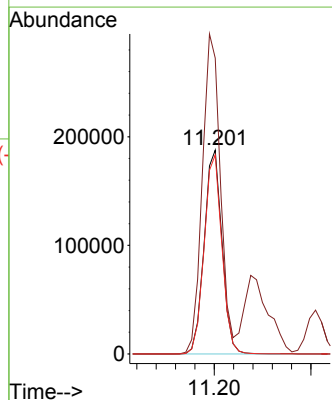
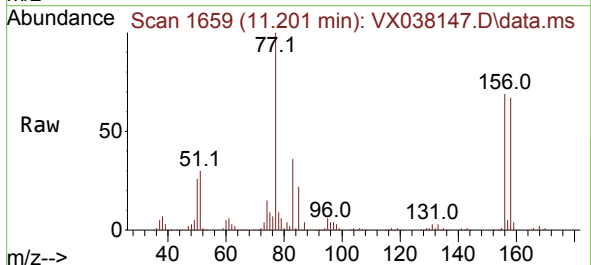
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

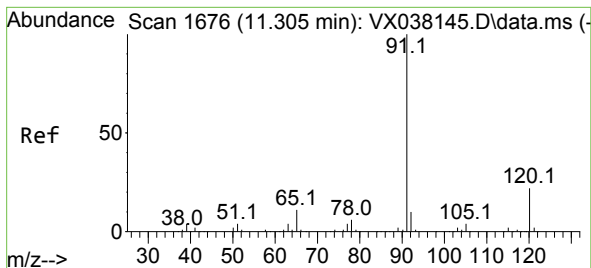
Tgt Ion: 75 Resp: 389612
Ion Ratio Lower Upper
75 100
77 32.5 0.0 77.2



#73
Bromobenzene
Concen: 100.334 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion:156 Resp: 240794
Ion Ratio Lower Upper
156 100
77 158.5 0.0 333.0
158 97.2 0.0 196.4





#74

n-propylbenzene

Concen: 101.115 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038147.D

Acq: 06 Oct 2023 23:52

Instrument :

MSVOA_X

ClientSampleId :

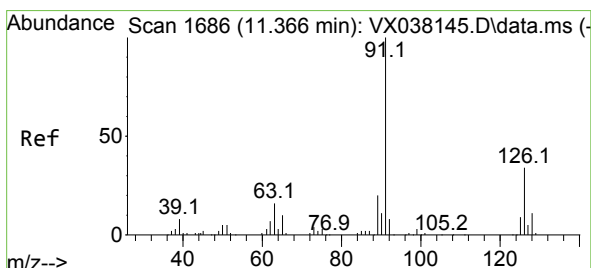
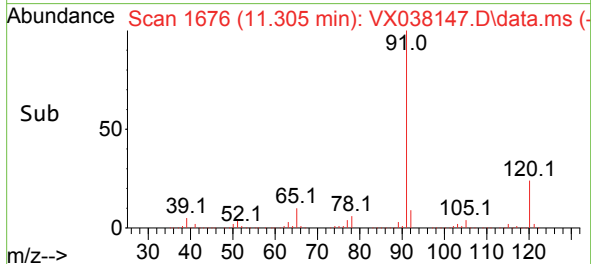
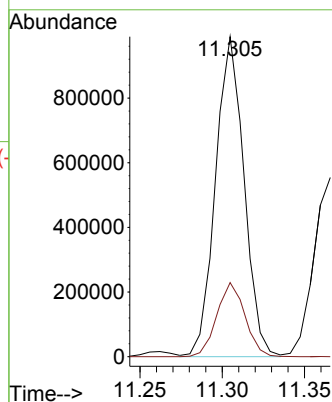
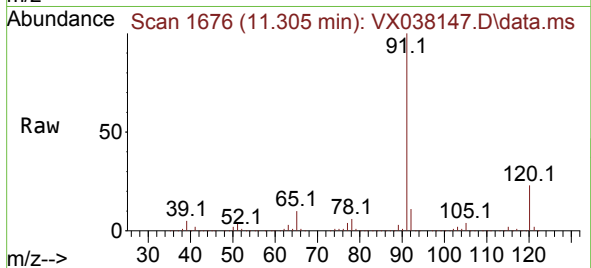
VSTDICC100

Tgt Ion: 91 Resp: 1190935

Ion Ratio Lower Upper

91 100

120 22.9 0.0 46.6



#75

2-Chlorotoluene

Concen: 100.463 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VX038147.D

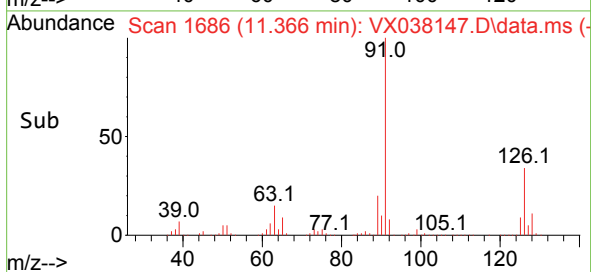
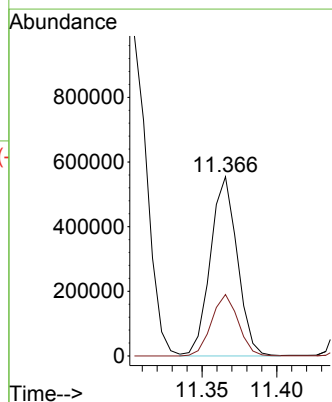
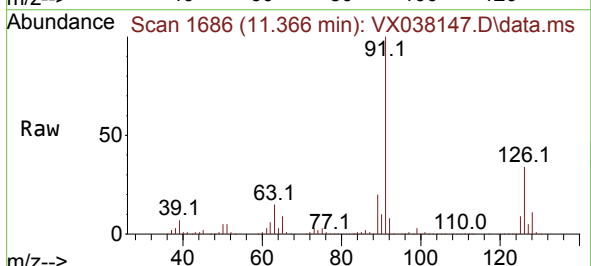
Acq: 06 Oct 2023 23:52

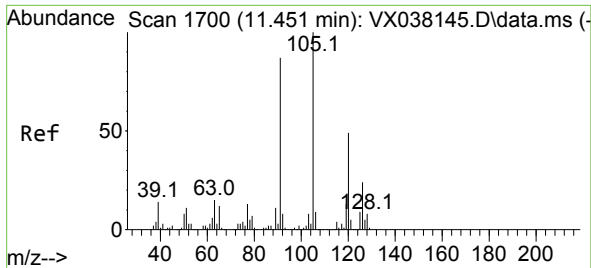
Tgt Ion: 91 Resp: 695270

Ion Ratio Lower Upper

91 100

126 33.9 0.0 66.2

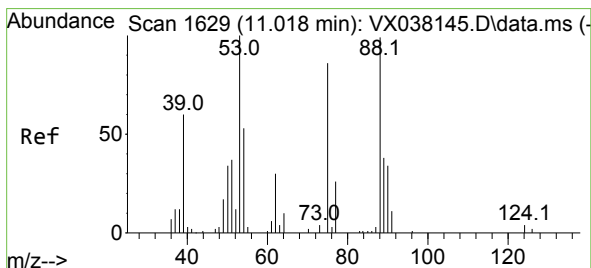
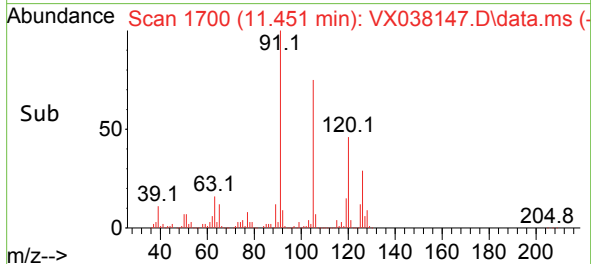
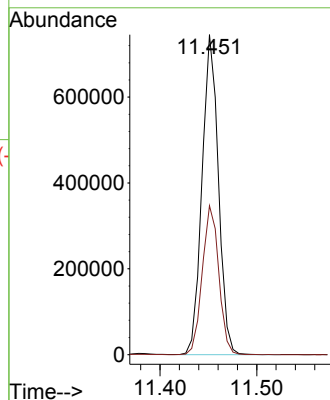
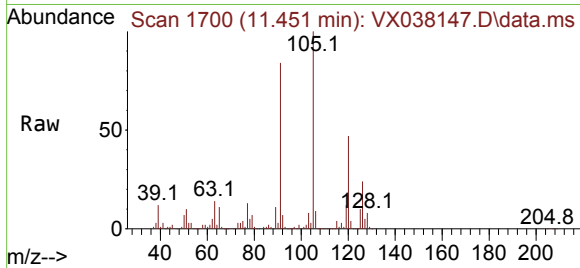




#76
1,3,5-Trimethylbenzene
Concen: 103.516 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

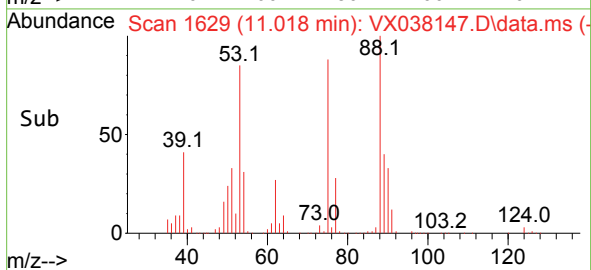
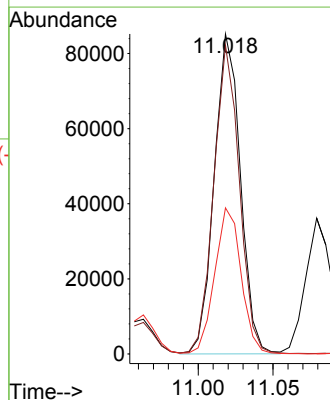
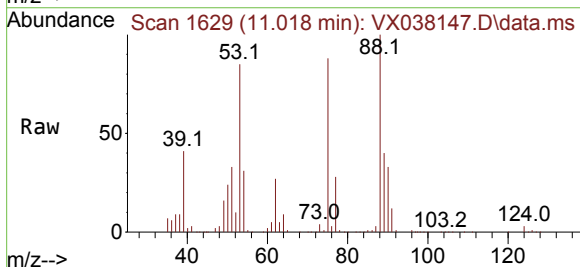
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

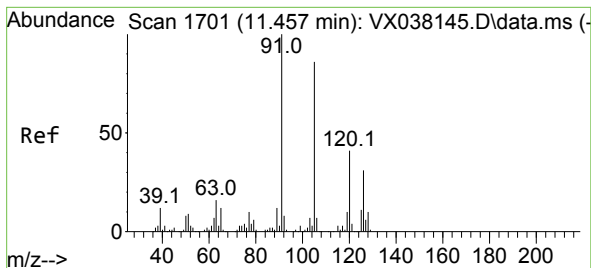
Tgt Ion:105 Resp: 876736
Ion Ratio Lower Upper
105 100
120 47.1 0.0 96.4



#77
t-1,4-Dichloro-2-butene
Concen: 117.498 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion: 75 Resp: 103912
Ion Ratio Lower Upper
75 100
53 96.6 53.9 161.7
89 45.7 22.1 66.1

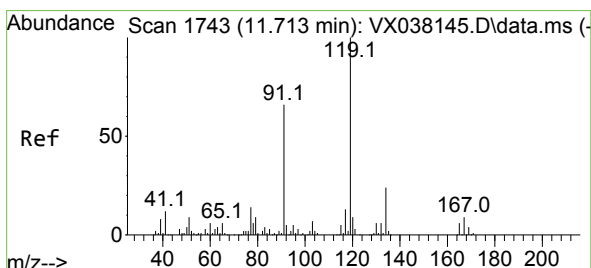
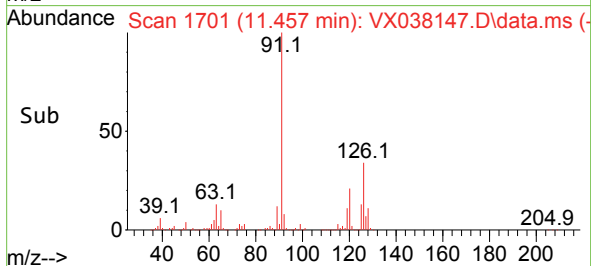
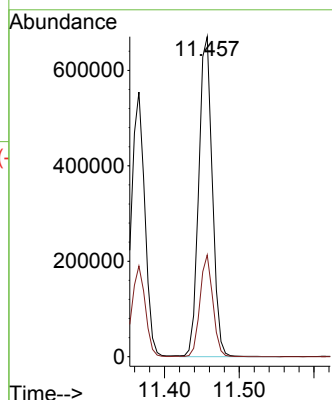
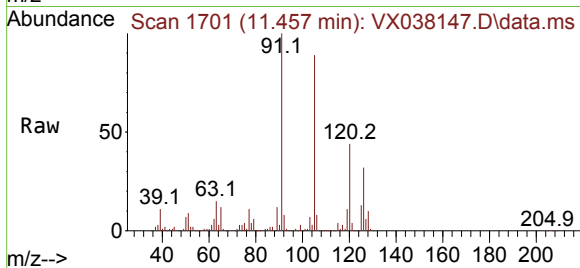




#78
4-Chlorotoluene
Concen: 102.475 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

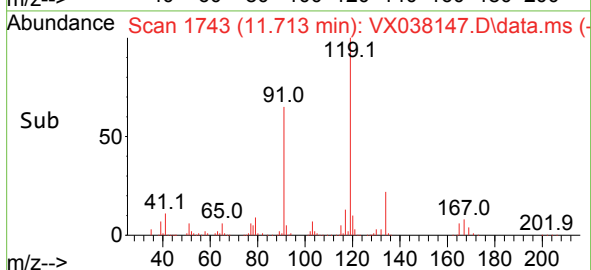
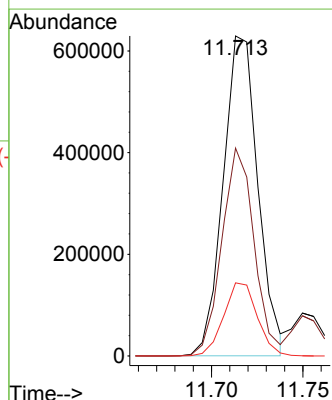
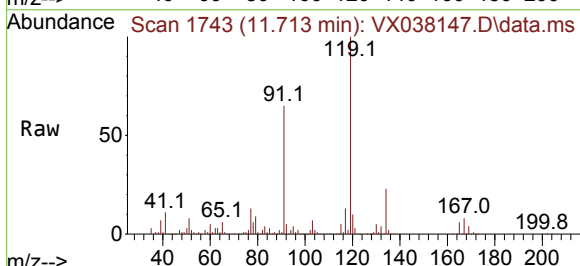
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

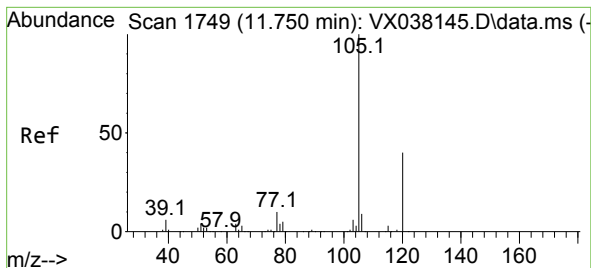
Tgt Ion: 91 Resp: 843367
Ion Ratio Lower Upper
91 100
126 30.1 0.0 59.4



#79
tert-butylbenzene
Concen: 103.460 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion: 119 Resp: 832394
Ion Ratio Lower Upper
119 100
91 60.5 0.0 124.4
134 22.2 0.0 47.2





#80

1,2,4-Trimethylbenzene

Concen: 103.196 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038147.D

Acq: 06 Oct 2023 23:52

Instrument :

MSVOA_X

ClientSampleId :

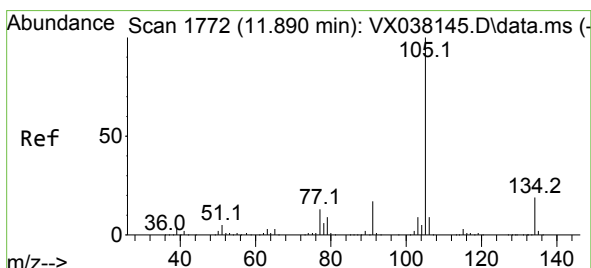
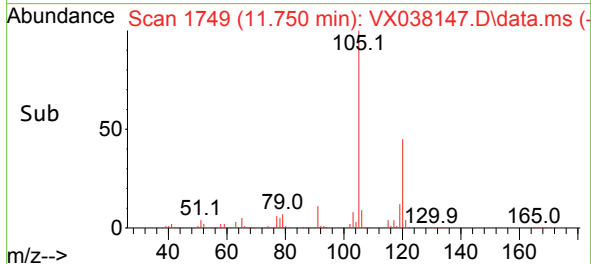
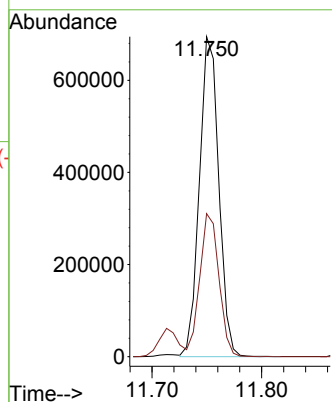
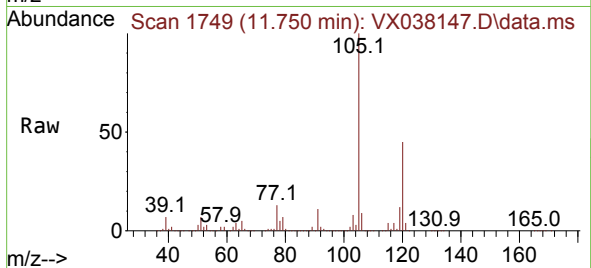
VSTDIC100

Tgt Ion:105 Resp: 853393

Ion Ratio Lower Upper

105 100

120 44.2 0.0 90.2



#81

sec-Butylbenzene

Concen: 102.150 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX038147.D

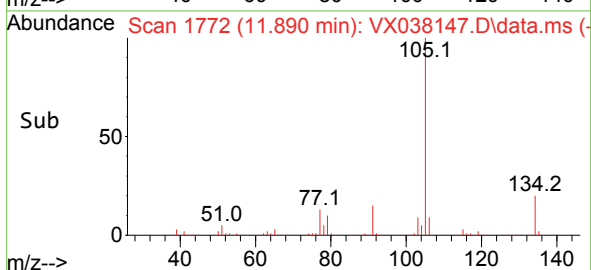
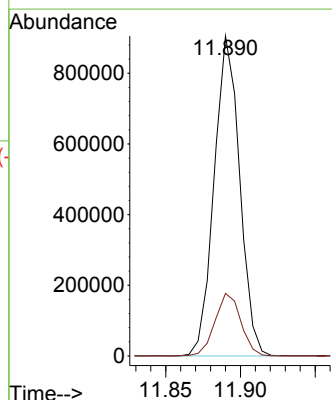
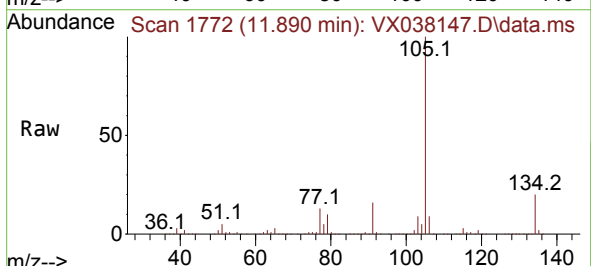
Acq: 06 Oct 2023 23:52

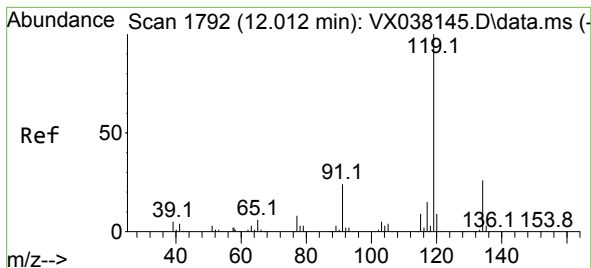
Tgt Ion:105 Resp: 1075162

Ion Ratio Lower Upper

105 100

134 19.8 0.0 41.2

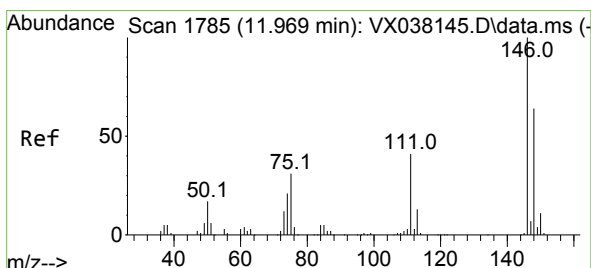
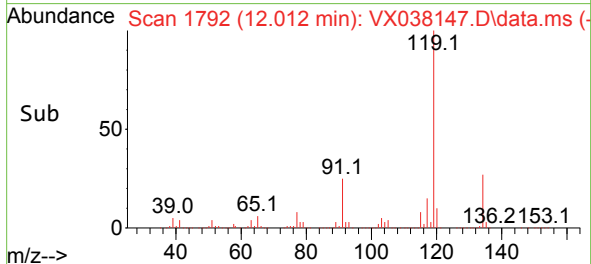
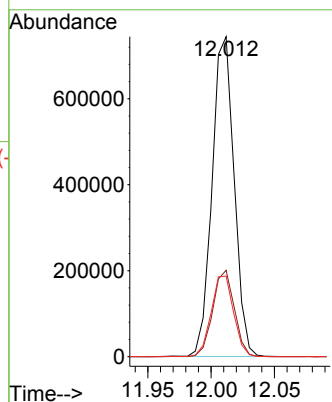
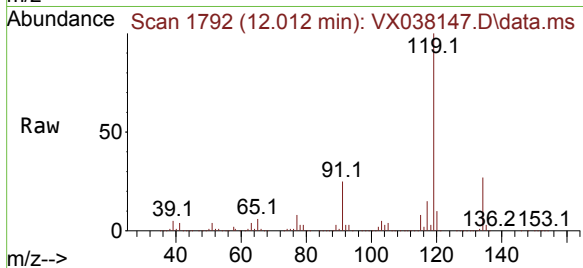




#82
 p-Isopropyltoluene
 Concen: 103.678 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX038147.D
 Acq: 06 Oct 2023 23:52

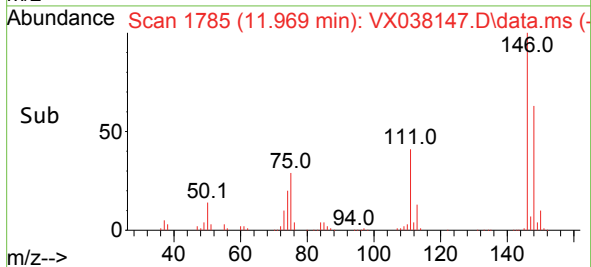
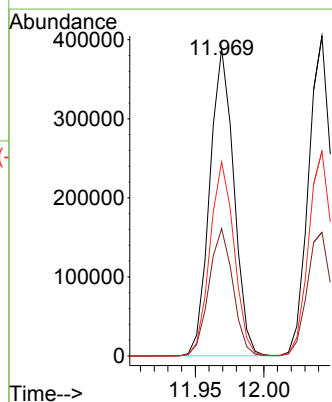
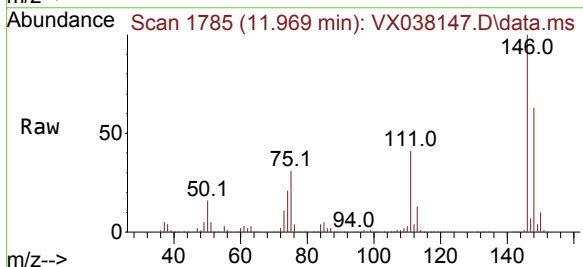
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

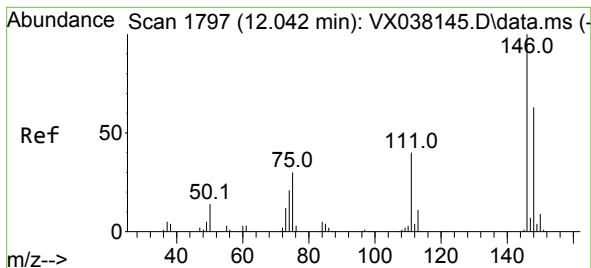
Tgt Ion:119 Resp: 902119
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 53.2
 91 25.6 0.0 49.4



#83
 1,3-Dichlorobenzene
 Concen: 101.420 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.000 min
 Lab File: VX038147.D
 Acq: 06 Oct 2023 23:52

Tgt Ion:146 Resp: 474698
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.4 61.2
 148 63.2 31.6 94.8





#84

1,4-Dichlorobenzene

Concen: 100.922 ug/l

RT: 12.042 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038147.D

Acq: 06 Oct 2023 23:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

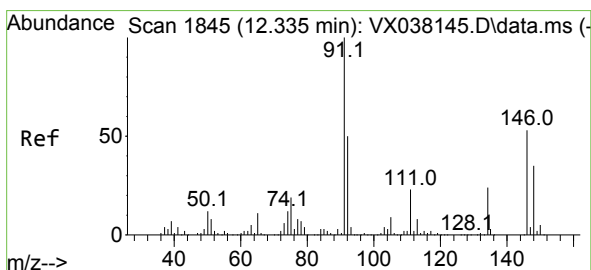
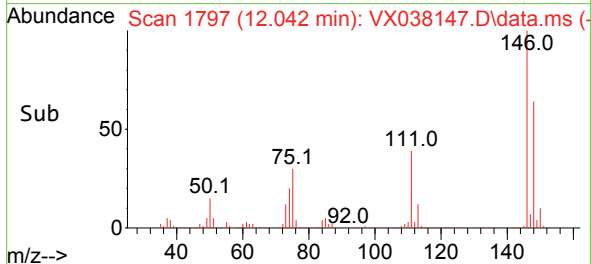
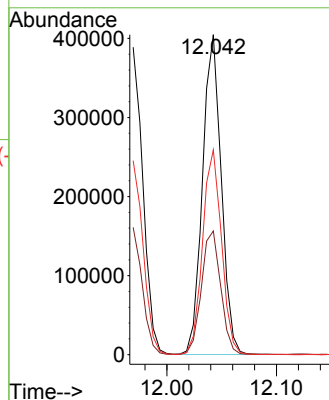
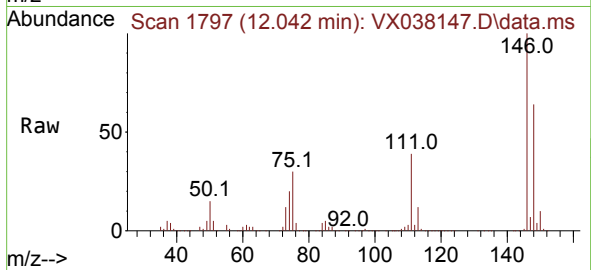
Tgt Ion:146 Resp: 480963

Ion Ratio Lower Upper

146 100

111 39.8 20.2 60.6

148 64.4 32.1 96.3



#85

n-Butylbenzene

Concen: 105.497 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX038147.D

Acq: 06 Oct 2023 23:52

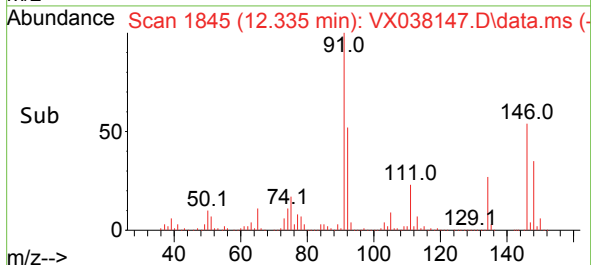
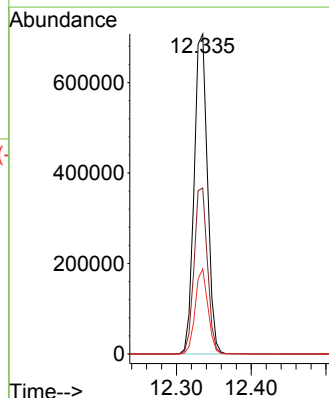
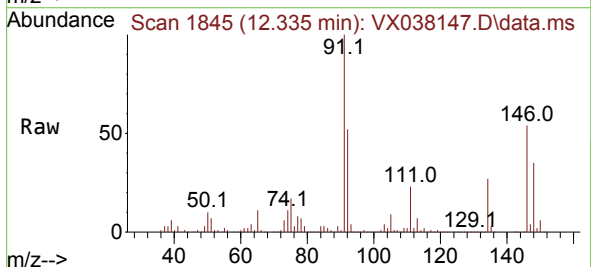
Tgt Ion: 91 Resp: 875874

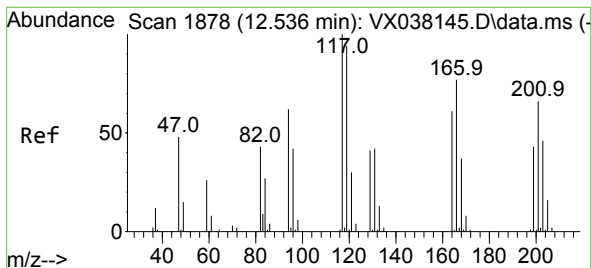
Ion Ratio Lower Upper

91 100

92 52.1 0.0 105.2

134 25.5 0.0 51.4





#86

Hexachloroethane

Concen: 109.197 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VX038147.D

Acq: 06 Oct 2023 23:52

Instrument :

MSVOA_X

ClientSampleId :

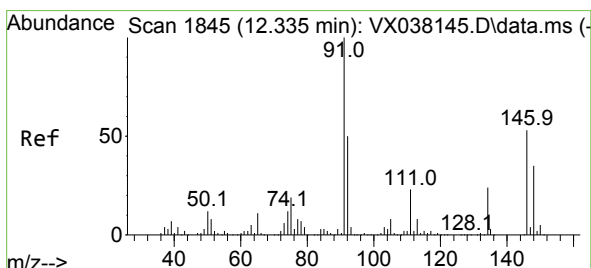
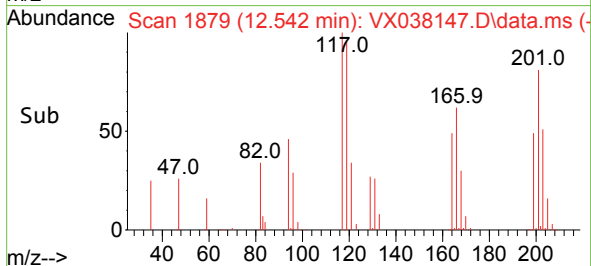
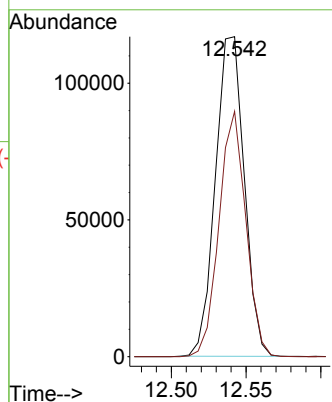
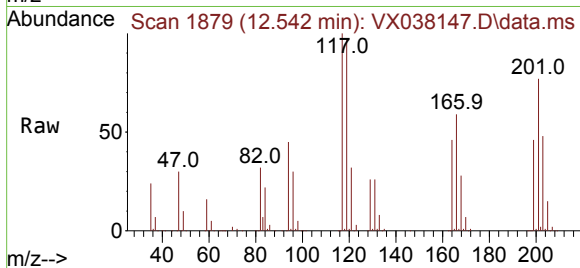
VSTDIC100

Tgt Ion:117 Resp: 157068

Ion Ratio Lower Upper

117 100

201 71.2 36.0 108.0



#87

1,2-Dichlorobenzene

Concen: 101.733 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX038147.D

Acq: 06 Oct 2023 23:52

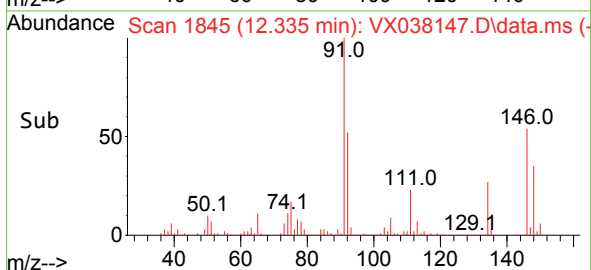
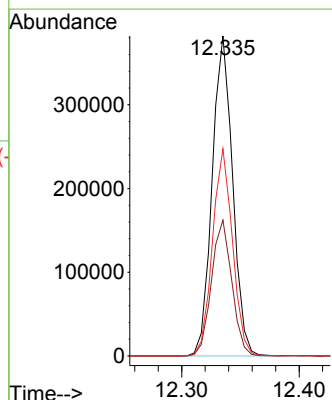
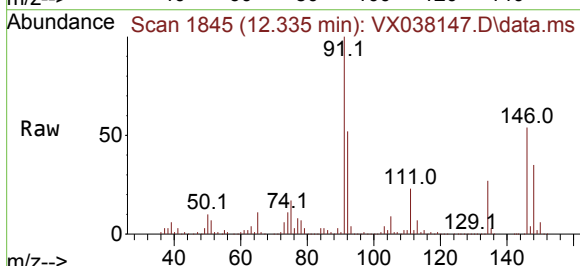
Tgt Ion:146 Resp: 461536

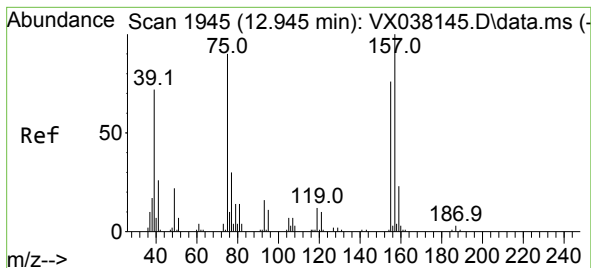
Ion Ratio Lower Upper

146 100

111 42.3 21.4 64.3

148 63.4 33.2 99.6





#88

1,2-Dibromo-3-Chloropropane

Concen: 106.804 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX038147.D

Acq: 06 Oct 2023 23:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

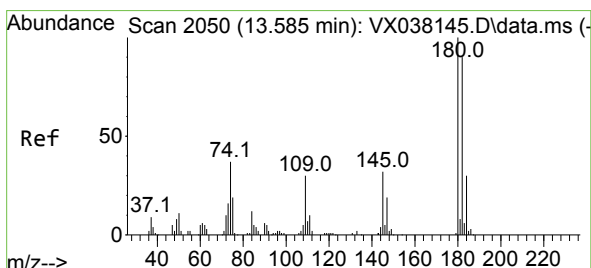
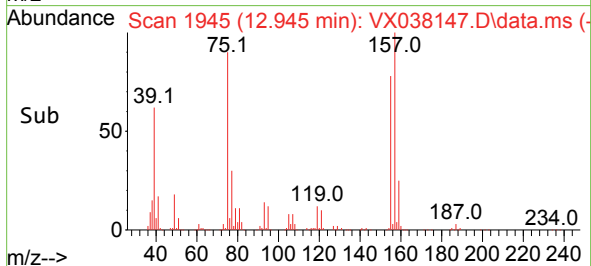
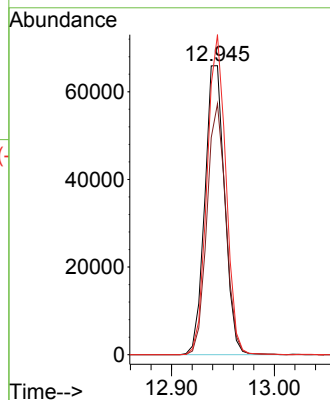
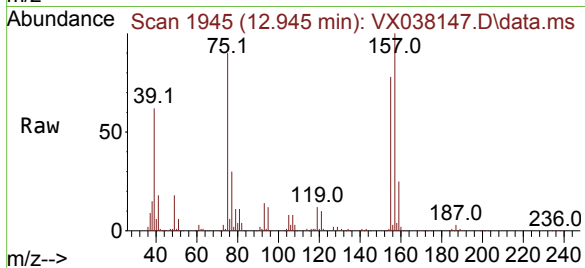
Tgt Ion: 75 Resp: 88360

Ion Ratio Lower Upper

75 100

155 82.9 62.7 94.1

157 105.4 81.5 122.3



#89

1,2,4-Trichlorobenzene

Concen: 101.561 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038147.D

Acq: 06 Oct 2023 23:52

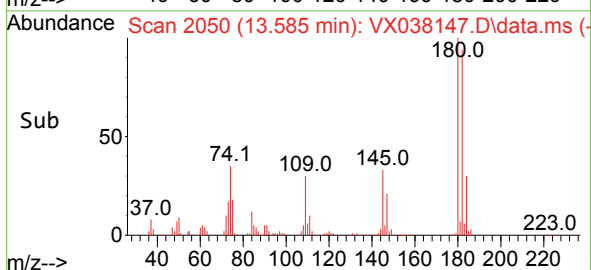
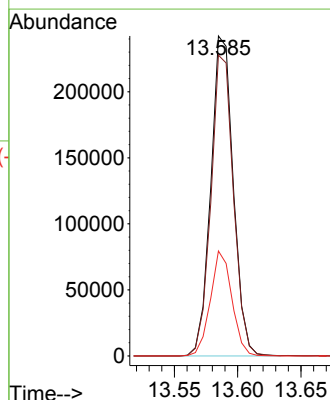
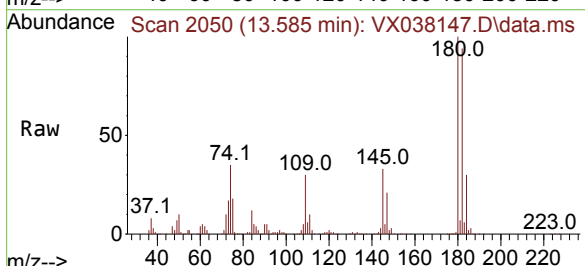
Tgt Ion:180 Resp: 299122

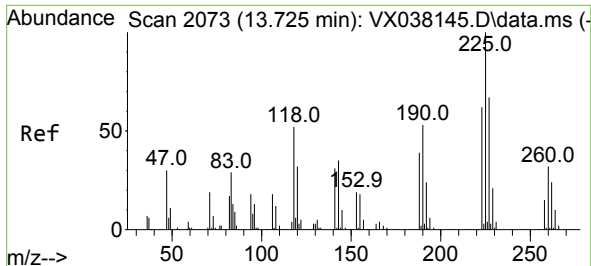
Ion Ratio Lower Upper

180 100

182 94.2 75.6 113.4

145 31.5 25.4 38.2

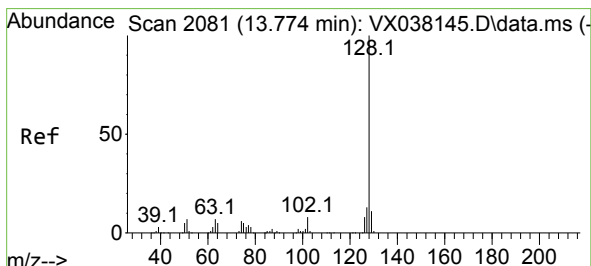
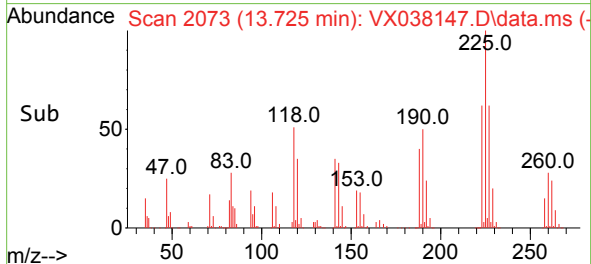
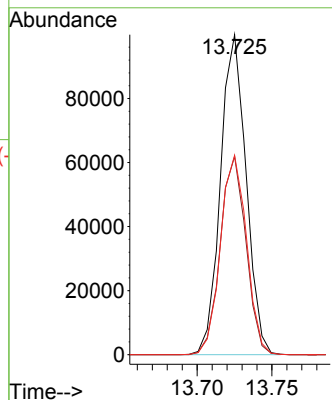
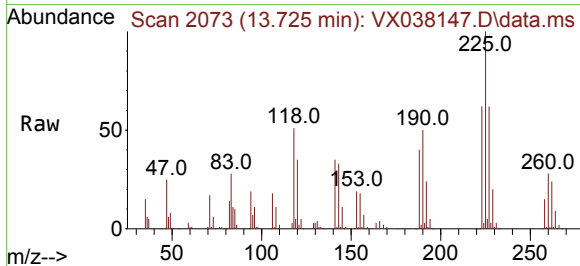




#90
Hexachlorobutadiene
Concen: 100.463 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

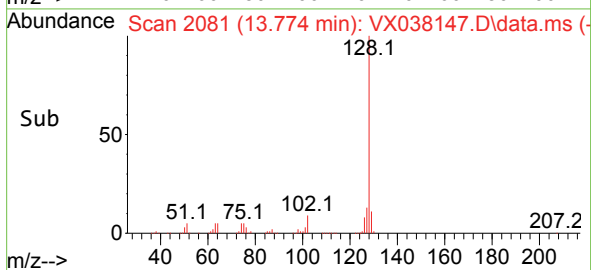
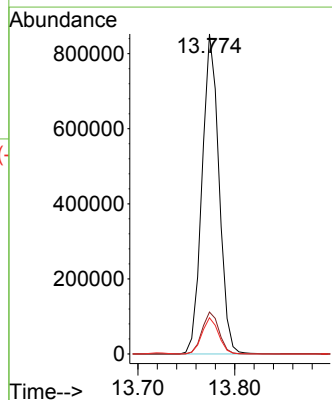
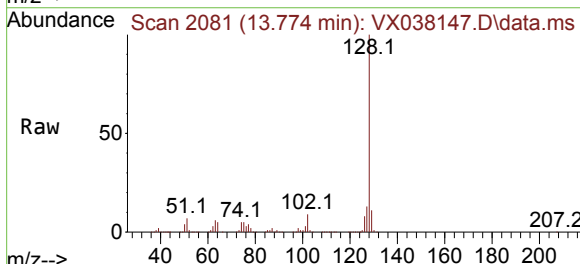
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

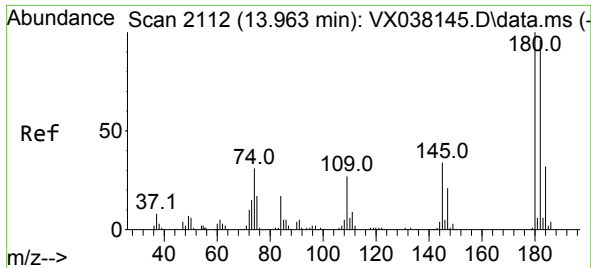
Tgt Ion:225 Resp: 119018
Ion Ratio Lower Upper
225 100
223 62.1 0.0 124.2
227 63.4 0.0 120.4



#91
Naphthalene
Concen: 102.908 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038147.D
Acq: 06 Oct 2023 23:52

Tgt Ion:128 Resp: 1038004
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.1 8.7 13.1





#92
 1,2,3-Trichlorobenzene
 Concen: 101.940 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX038147.D
 Acq: 06 Oct 2023 23:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 293894
 Ion Ratio Lower Upper
 180 100
 182 95.1 0.0 190.6
 145 33.6 0.0 66.8

