

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\
 Data File : VX037748.D
 Acq On : 15 Sep 2023 12:12
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 16 04:31:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:24:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	262725	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	438035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	423754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	231646	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	531286	153.915	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 307.840%#	
35) Dibromofluoromethane	5.385	113	457345	156.042	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 312.080%#	
50) Toluene-d8	8.653	98	1656904	152.147	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 304.300%#	
62) 4-Bromofluorobenzene	11.079	95	630756	159.391	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 318.780%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.167	85	375606	135.637	ug/l	99
3) Chloromethane	1.295	50	402305	133.523	ug/l	96
4) Vinyl Chloride	1.374	62	411622	126.632	ug/l	99
5) Bromomethane	1.593	94	292696	125.780	ug/l	98
6) Chloroethane	1.666	64	175046	78.169	ug/l	97
7) Trichlorofluoromethane	1.874	101	644005	123.236	ug/l	100
8) Diethyl Ether	2.136	74	300756	148.550	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.319	101	367837	138.697	ug/l	95
10) Methyl Iodide	2.447	142	519895	148.131	ug/l	90
11) Tert butyl alcohol	3.002	59	550516	743.015	ug/l	# 93
12) 1,1-Dichloroethene	2.313	96	360115	140.500	ug/l	83
13) Acrolein	2.240	56	541129	739.285	ug/l	99
14) Allyl chloride	2.660	41	619215	145.053	ug/l	# 94
15) Acrylonitrile	3.069	53	1221652	741.591	ug/l	99
16) Acetone	2.386	43	1191924	717.797	ug/l	# 88
17) Carbon Disulfide	2.502	76	933006	145.187	ug/l	99
18) Methyl Acetate	2.703	43	884462	147.651	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	1456794	154.506	ug/l	99
20) Methylene Chloride	2.788	84	468930	152.799	ug/l	88
21) trans-1,2-Dichloroethene	3.087	96	416429	146.315	ug/l	88
22) Diisopropyl ether	3.764	45	1358862	152.817	ug/l	# 81
23) Vinyl Acetate	3.721	43	5145948	786.773	ug/l	# 94
24) 1,1-Dichloroethane	3.605	63	775171	145.476	ug/l	99
25) 2-Butanone	4.562	43	1731723	739.214	ug/l	# 90
26) 2,2-Dichloropropane	4.471	77	664520	154.341	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	525910	150.724	ug/l	89
28) Bromochloromethane	4.904	49	356096	143.250	ug/l	# 81
29) Tetrahydrofuran	5.007	42	1092933	749.880	ug/l	90
30) Chloroform	5.093	83	852662	148.544	ug/l	99
31) Cyclohexane	5.465	56	614837	138.777	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	712964	146.692	ug/l	97
36) 1,1-Dichloropropene	5.690	75	568413	140.784	ug/l	96
37) Ethyl Acetate	4.715	43	673955	155.482	ug/l	96
38) Carbon Tetrachloride	5.678	117	615127	145.611	ug/l	99
39) Methylcyclohexane	7.379	83	715984	139.724	ug/l	93
40) Benzene	6.038	78	1800784	145.039	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	360810	159.424	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	662480	147.179	ug/l	96
43) Isopropyl Acetate	6.342	43	1121758	158.052	ug/l #	95
44) Trichloroethene	7.123	130	483667	139.884	ug/l	96
45) 1,2-Dichloropropane	7.428	63	478936	148.539	ug/l	98
46) Dibromomethane	7.580	93	361556	155.885	ug/l	92
47) Bromodichloromethane	7.824	83	683574	160.026	ug/l	97
48) Methyl methacrylate	7.696	41	526975	155.319	ug/l #	87
49) 1,4-Dioxane	7.665	88	244461	2748.340	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	3229436	717.171	ug/l	93
52) Toluene	8.720	92	1183363	147.889	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	782980	176.096	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	826500	167.199	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	510179	151.225	ug/l	96
56) Ethyl methacrylate	9.116	69	809455	160.721	ug/l	90
57) 1,3-Dichloropropane	9.311	76	823157	150.784	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	1995088	848.340	ug/l	97
59) 2-Hexanone	9.433	43	2591361	739.109	ug/l	91
60) Dibromochloromethane	9.525	129	569721	169.521	ug/l	100
61) 1,2-Dibromoethane	9.610	107	562964	157.609	ug/l	100
64) Tetrachloroethene	9.275	164	403505	139.624	ug/l	97
65) Chlorobenzene	10.080	112	1310663	143.392	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	506929	156.498	ug/l	99
67) Ethyl Benzene	10.195	91	2272962	143.430	ug/l	97
68) m/p-Xylenes	10.305	106	1788067	291.997	ug/l	94
69) o-Xylene	10.640	106	893537	145.513	ug/l	96
70) Styrene	10.659	104	1508108	152.982	ug/l	96
71) Bromoform	10.799	173	450718	176.360	ug/l #	99
73) Isopropylbenzene	10.964	105	2232931	131.390	ug/l	97
74) N-amyl acetate	10.842	43	1041584	151.334	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	837733	140.161	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	938128	165.487	ug/l	90
77) Bromobenzene	11.201	156	593995	141.212	ug/l	88
78) n-propylbenzene	11.305	91	2596967	135.308	ug/l	98
79) 2-Chlorotoluene	11.366	91	1586951	134.100	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	1960033	136.569	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	289409	173.036	ug/l #	84
82) 4-Chlorotoluene	11.457	91	1870977	140.432	ug/l	95
83) tert-Butylbenzene	11.713	119	1976445	136.257	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	1979932	138.655	ug/l	97
85) sec-Butylbenzene	11.890	105	2344795	133.245	ug/l	98
86) p-Isopropyltoluene	12.012	119	2026369	138.430	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	1129782	144.086	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	1152762	144.090	ug/l	98
89) n-Butylbenzene	12.335	91	1888292	147.018	ug/l	98
90) Hexachloroethane	12.536	117	384433	154.754	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	1141006	142.526	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	189565	159.109	ug/l	75
93) 1,2,4-Trichlorobenzene	13.585	180	770058	163.296	ug/l	97
94) Hexachlorobutadiene	13.725	225	310871	141.259	ug/l	98
95) Naphthalene	13.774	128	2479011	155.438	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	767841	158.223	ug/l	97

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Sample : VSTDICC150
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

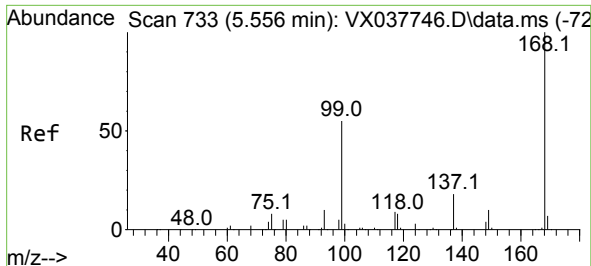
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:24:04 2023
Response via : Initial Calibration

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

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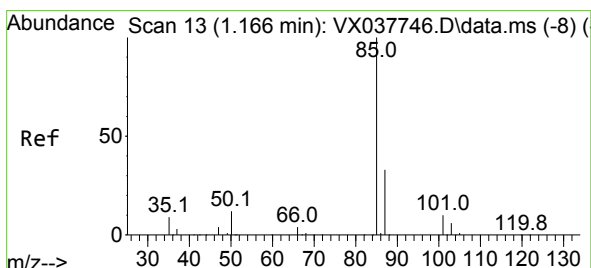
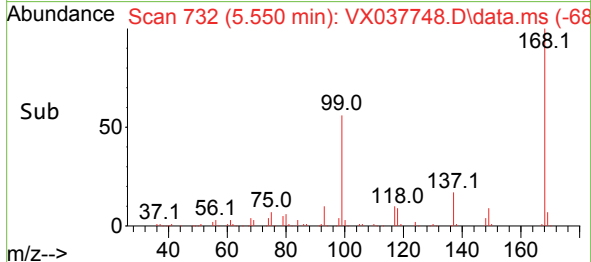
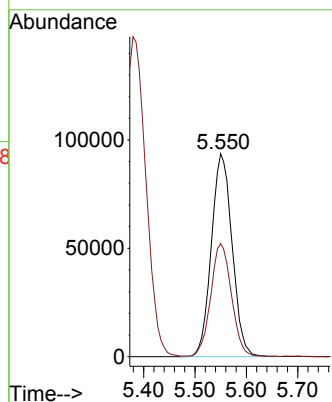
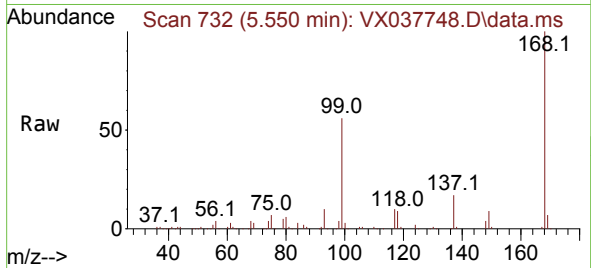




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

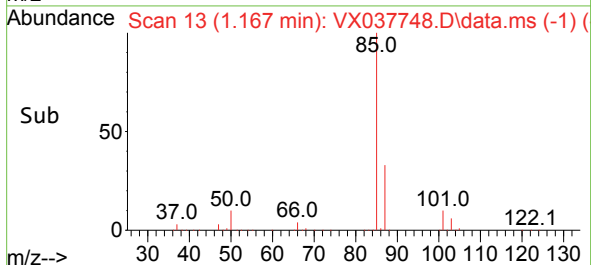
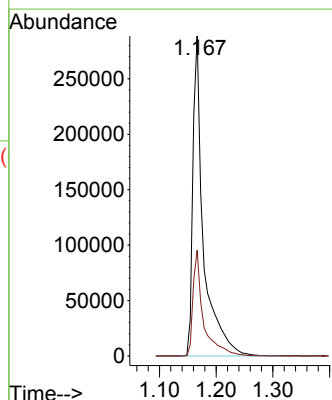
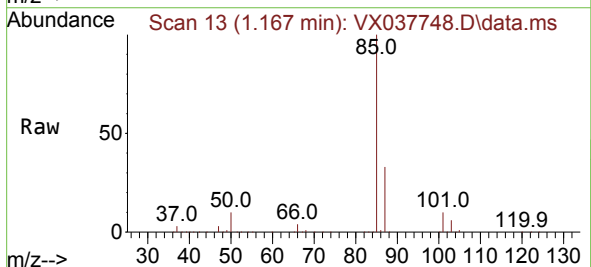
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

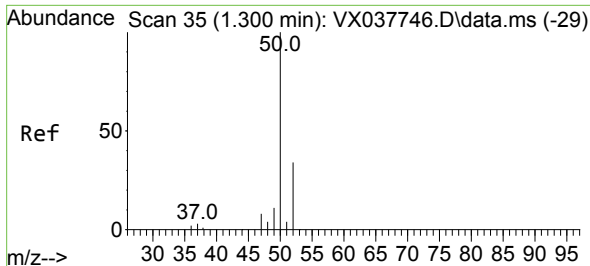
Tgt Ion:168 Resp: 262725
Ion Ratio Lower Upper
168 100
99 55.6 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 135.637 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion: 85 Resp: 375606
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.1

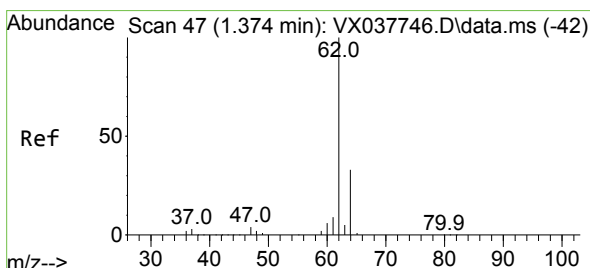
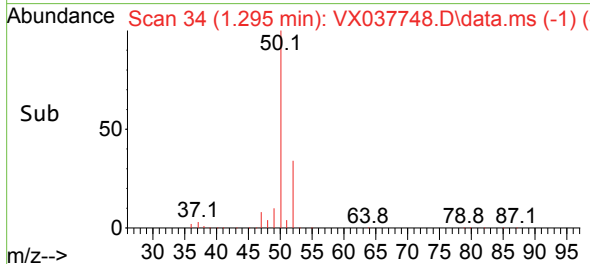
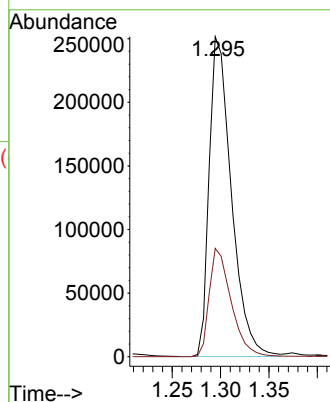
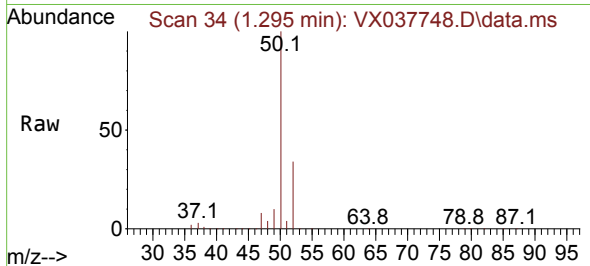




#3
Chloromethane
Concen: 133.523 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

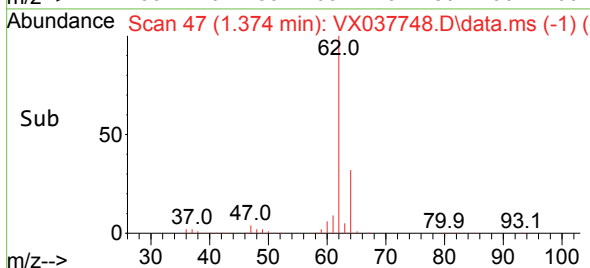
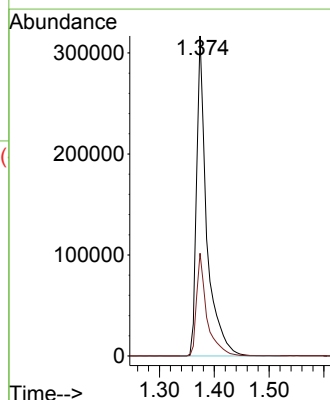
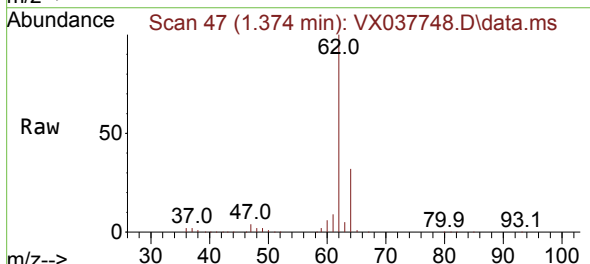
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

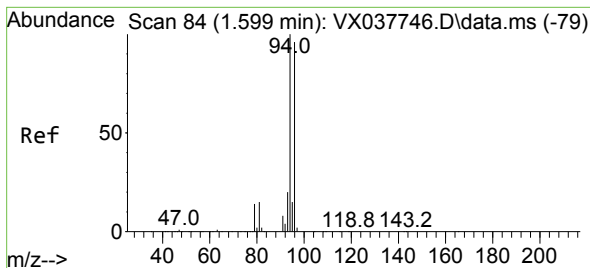
Tgt Ion: 50 Resp: 402305
Ion Ratio Lower Upper
50 100
52 33.9 25.5 38.3



#4
Vinyl Chloride
Concen: 126.632 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion: 62 Resp: 411622
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





#5

Bromomethane

Concen: 125.780 ug/l

RT: 1.593 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

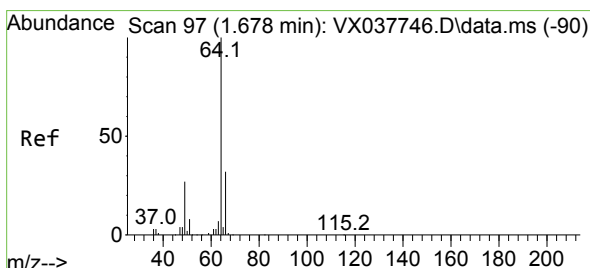
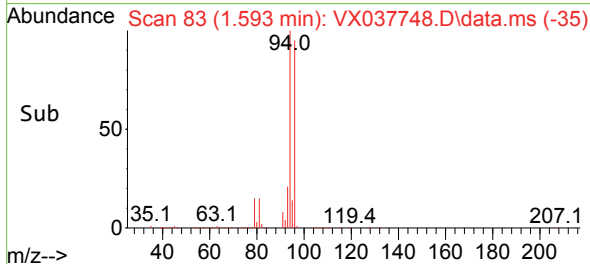
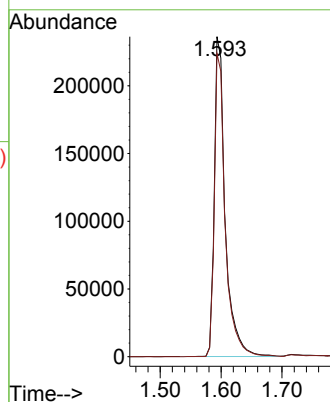
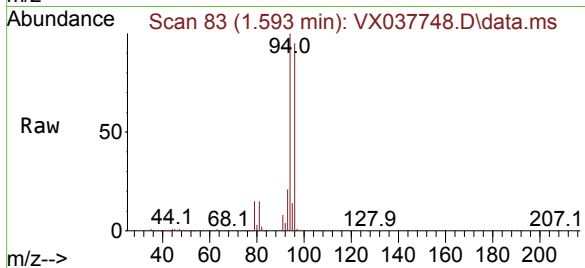
VSTDIC150

Tgt Ion: 94 Resp: 292696

Ion Ratio Lower Upper

94 100

96 94.8 74.6 111.8



#6

Chloroethane

Concen: 78.169 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.019 min

Lab File: VX037748.D

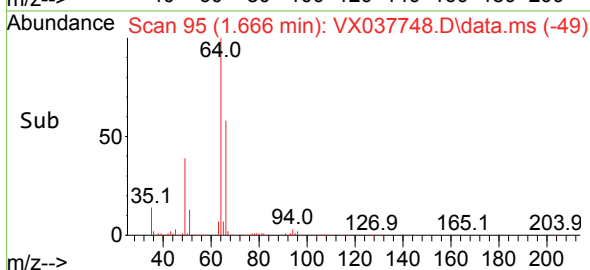
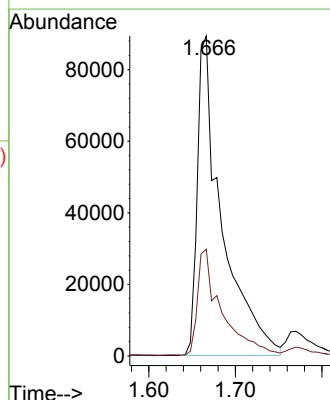
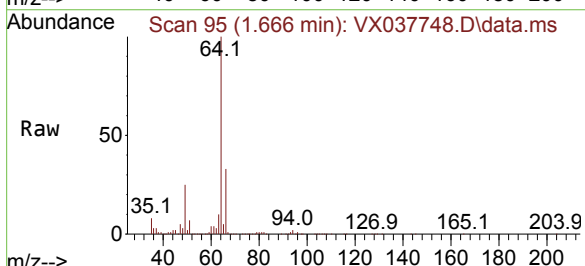
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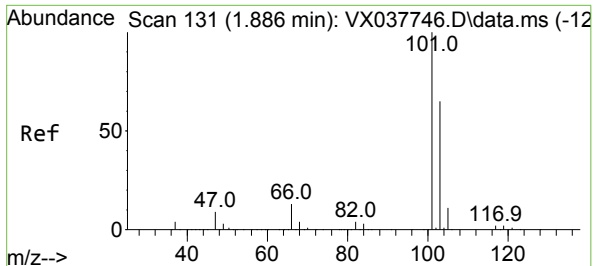
Tgt Ion: 64 Resp: 175046

Ion Ratio Lower Upper

64 100

66 33.1 25.1 37.7

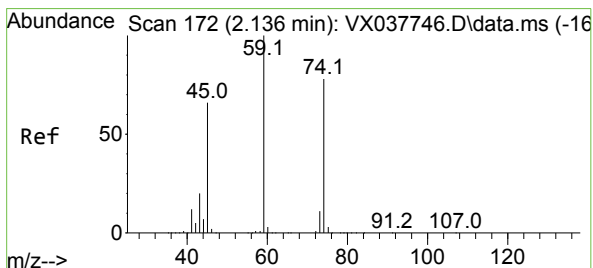
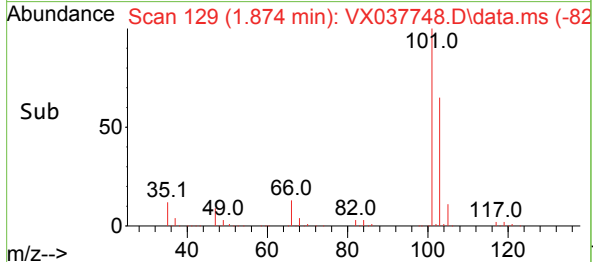
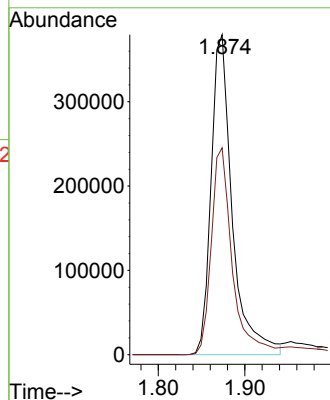
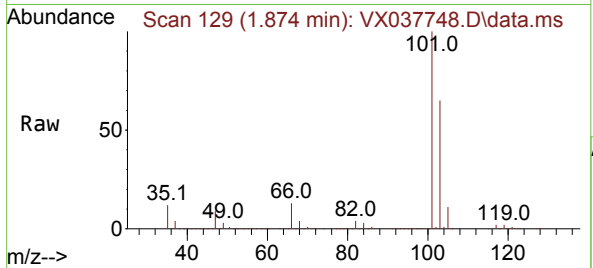




#7
Trichlorofluoromethane
Concen: 123.236 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

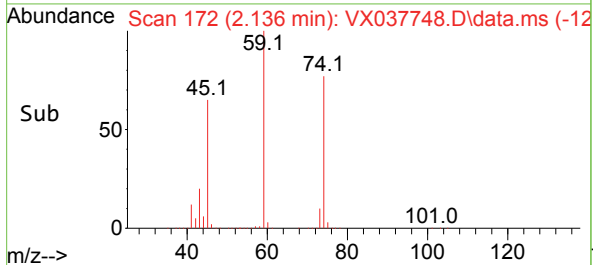
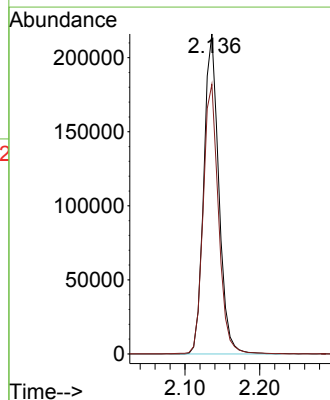
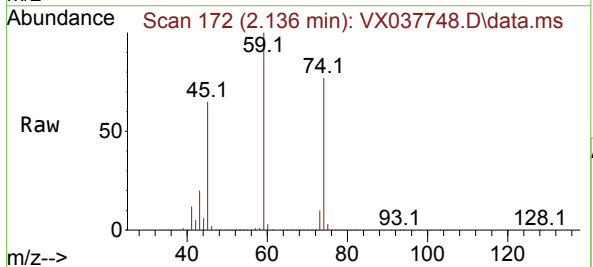
Instrument :
MSVOA_X
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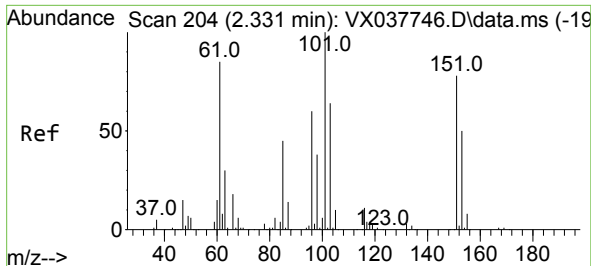
Tgt Ion:101 Resp: 644005
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2



#8
Diethyl Ether
Concen: 148.550 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion: 74 Resp: 300756
Ion Ratio Lower Upper
74 100
45 86.0 53.3 159.8

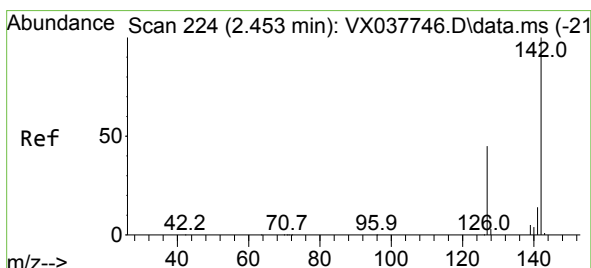
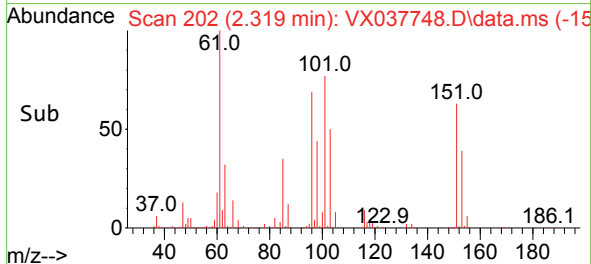
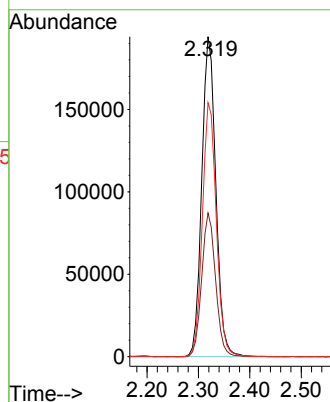
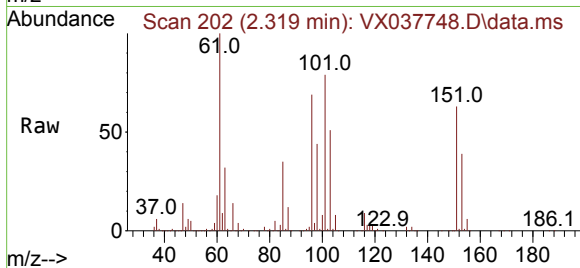




#9
1,1,2-Trichlorotrifluoroethane
Concen: 138.697 ug/l
RT: 2.319 min Scan# 204
Delta R.T. -0.012 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

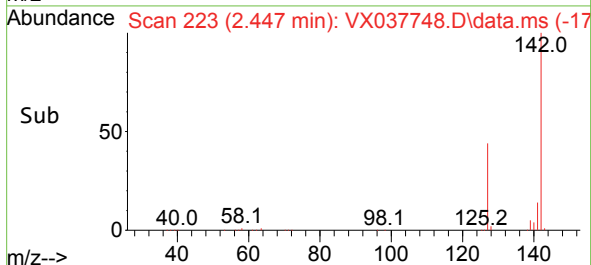
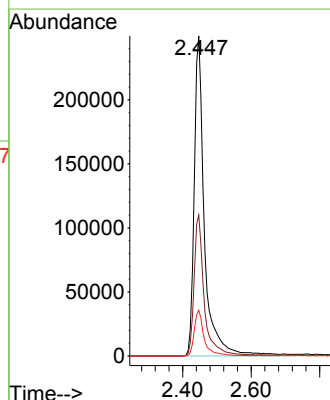
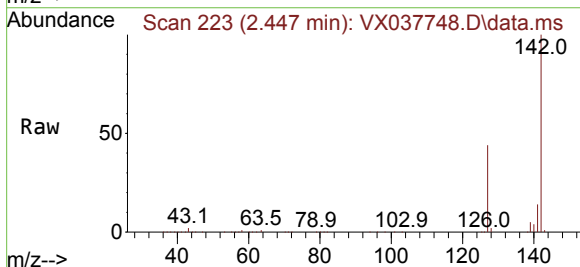
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

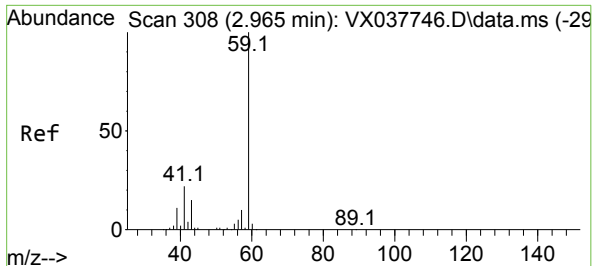
Tgt Ion:101 Resp: 367837
Ion Ratio Lower Upper
101 100
85 44.4 37.0 55.6
151 79.1 58.6 87.8



#10
Methyl Iodide
Concen: 148.131 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion:142 Resp: 519895
Ion Ratio Lower Upper
142 100
127 43.7 41.6 62.4
141 13.9 11.6 17.4

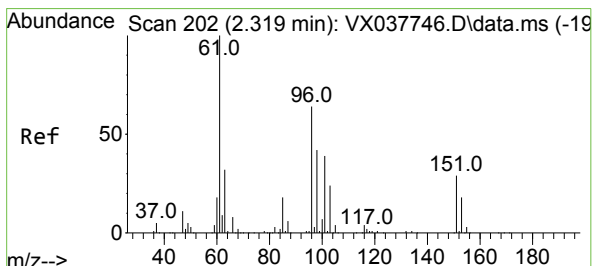
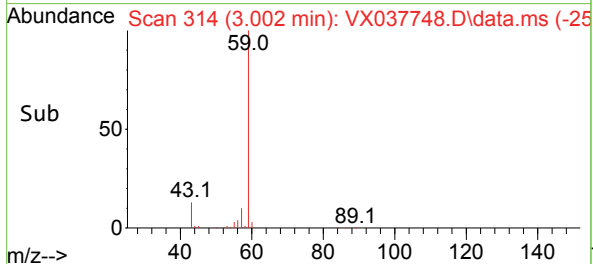
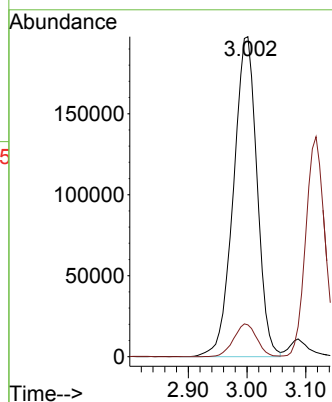
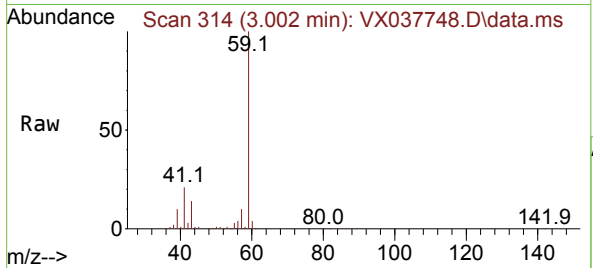




#11
Tert butyl alcohol
Concen: 743.015 ug/l
RT: 3.002 min Scan# 314
Delta R.T. 0.037 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

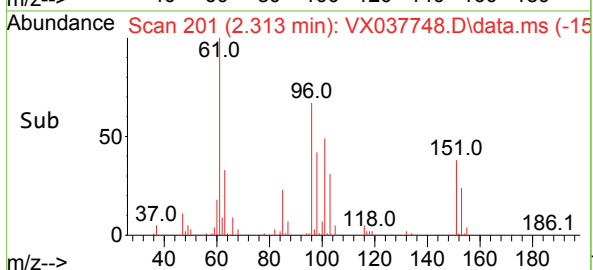
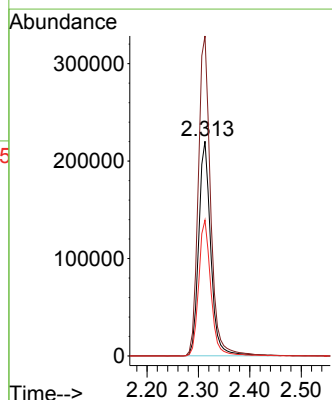
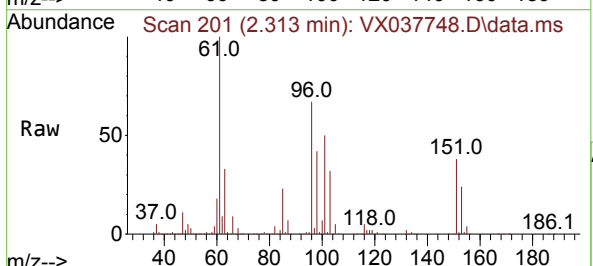
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

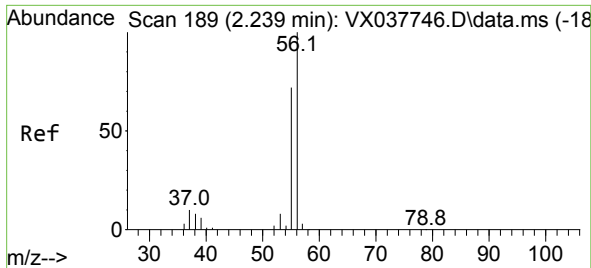
Tgt Ion: 59 Resp: 550516
Ion Ratio Lower Upper
59 100
57 10.1 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 140.500 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.012 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion: 96 Resp: 360115
Ion Ratio Lower Upper
96 100
61 149.1 144.6 216.8
98 63.3 50.4 75.6





#13

Acrolein

Concen: 739.285 ug/l

RT: 2.240 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

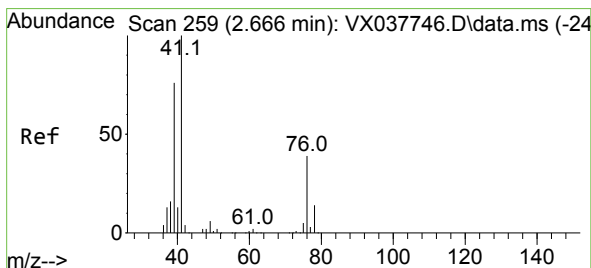
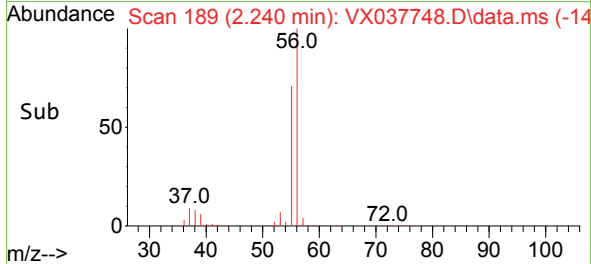
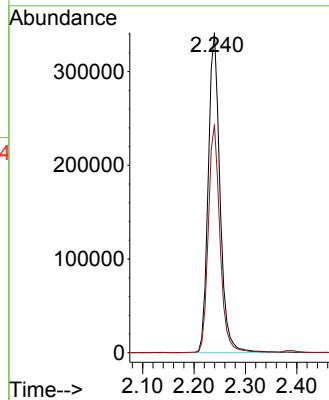
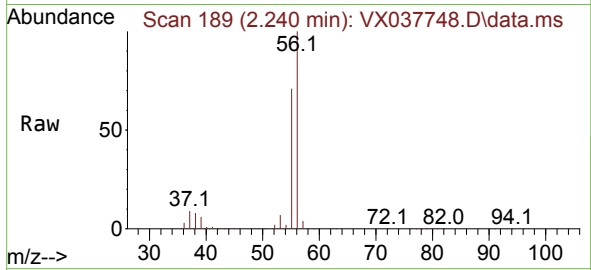
VSTDIC150

Tgt Ion: 56 Resp: 541129

Ion Ratio Lower Upper

56 100

55 70.8 57.1 85.7



#14

Allyl chloride

Concen: 145.053 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

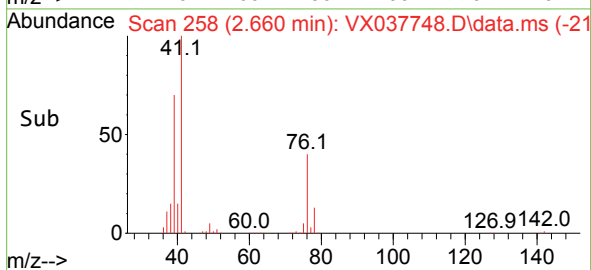
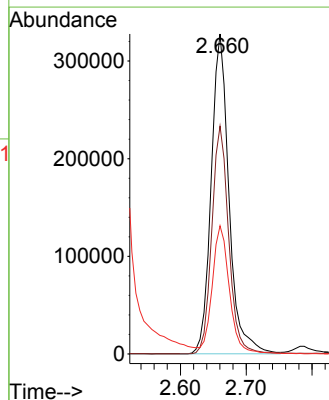
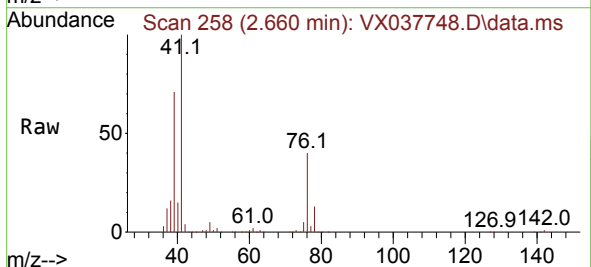
Tgt Ion: 41 Resp: 619215

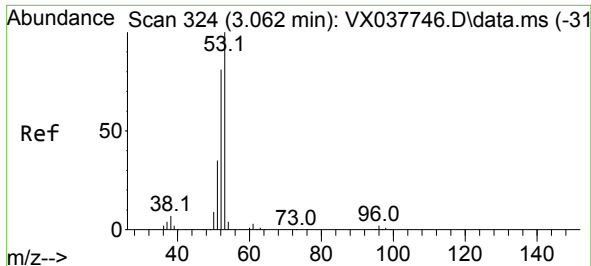
Ion Ratio Lower Upper

41 100

39 67.8 55.8 83.6

76 38.8 24.3 36.5#

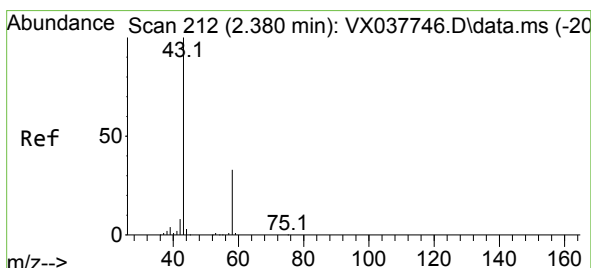
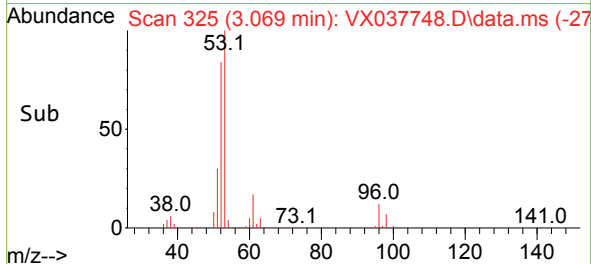
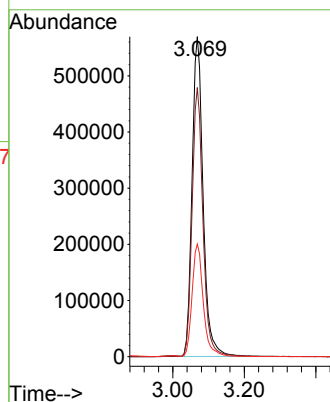
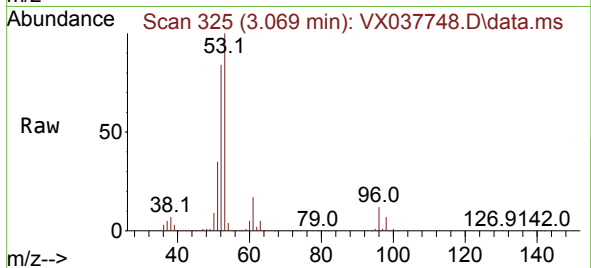




#15
Acrylonitrile
Concen: 741.591 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

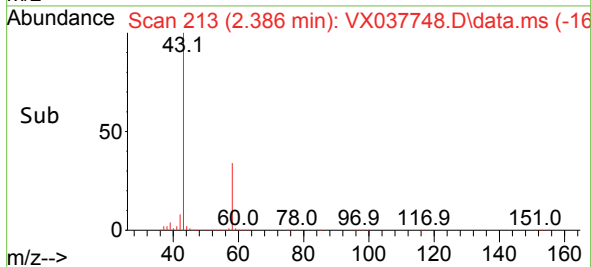
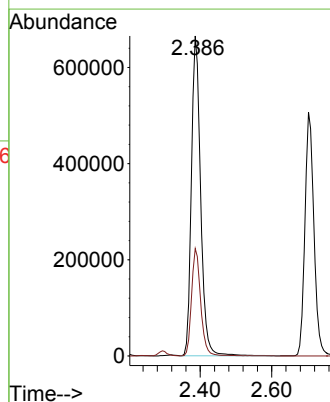
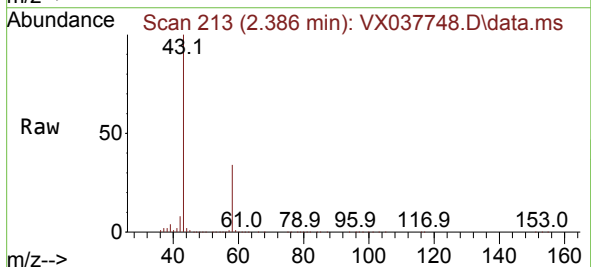
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

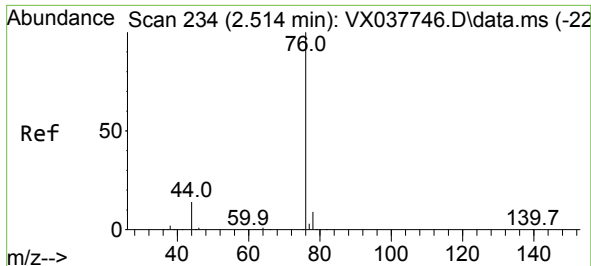
Tgt Ion: 53 Resp: 1221652
Ion Ratio Lower Upper
53 100
52 82.6 66.0 99.0
51 35.8 29.8 44.6



#16
Acetone
Concen: 717.797 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion: 43 Resp: 1191924
Ion Ratio Lower Upper
43 100
58 33.6 21.9 32.9#

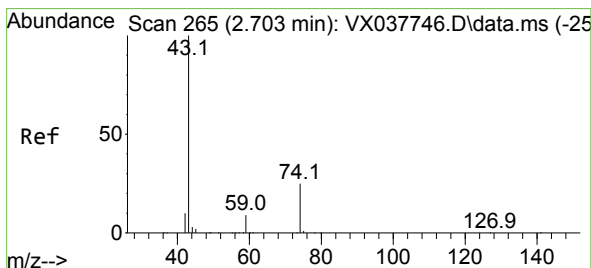
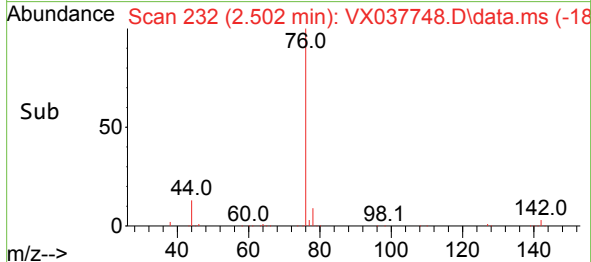
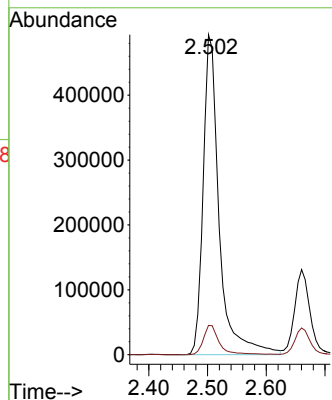
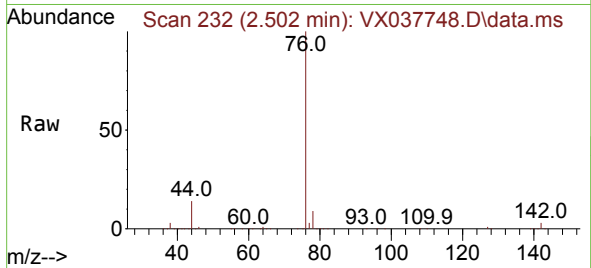




#17
Carbon Disulfide
Concen: 145.187 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

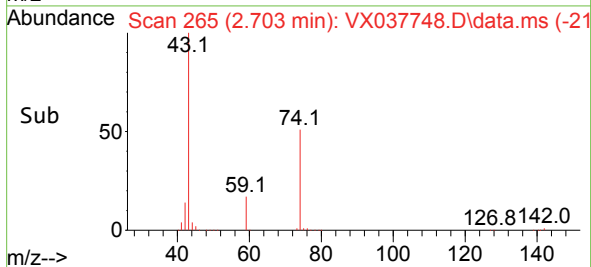
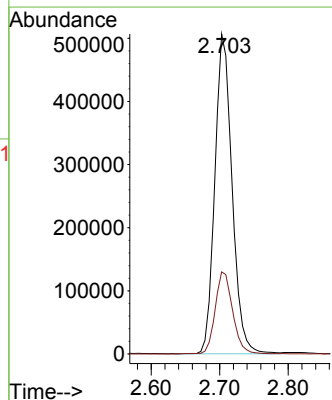
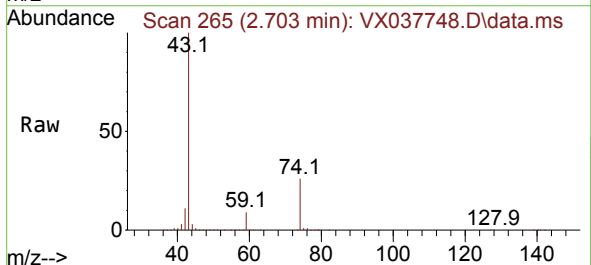
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

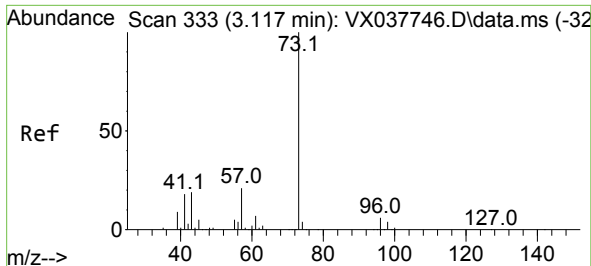
Tgt Ion: 76 Resp: 933006
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 147.651 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion: 43 Resp: 884462
Ion Ratio Lower Upper
43 100
74 26.2 17.8 26.8

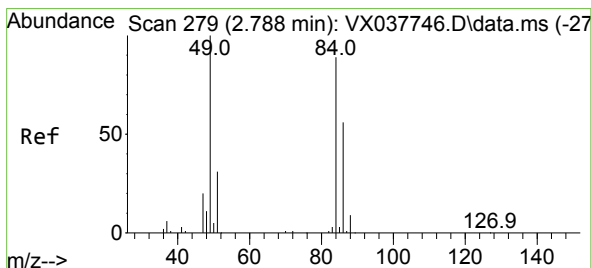
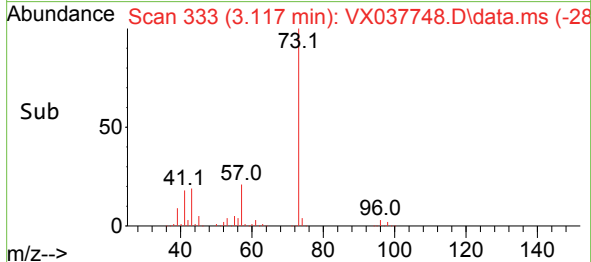
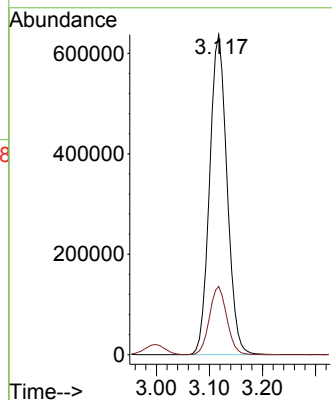
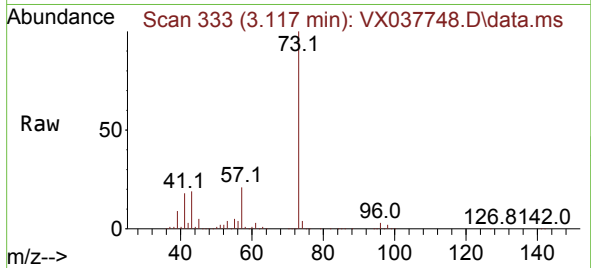




#19
Methyl tert-butyl Ether
Concen: 154.506 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

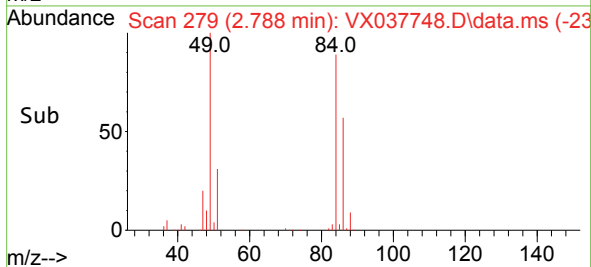
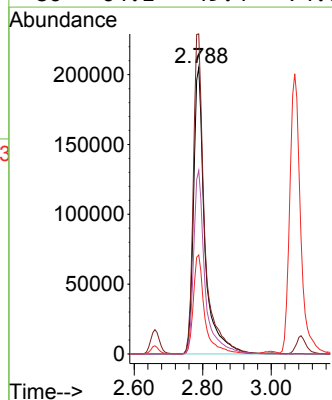
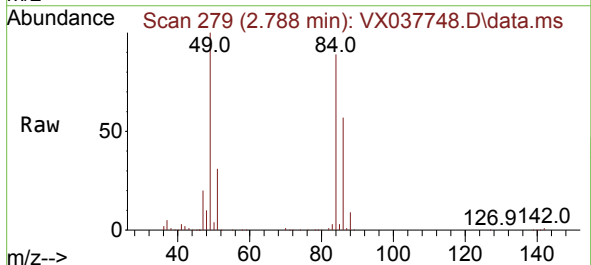
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

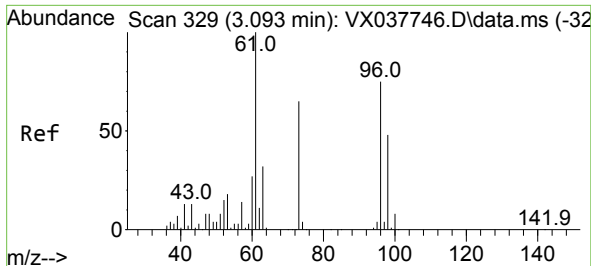
Tgt Ion: 73 Resp: 1456794
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 152.799 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion: 84 Resp: 468930
Ion Ratio Lower Upper
84 100
49 111.7 103.6 155.4
51 34.6 33.8 50.6
86 64.1 49.4 74.0

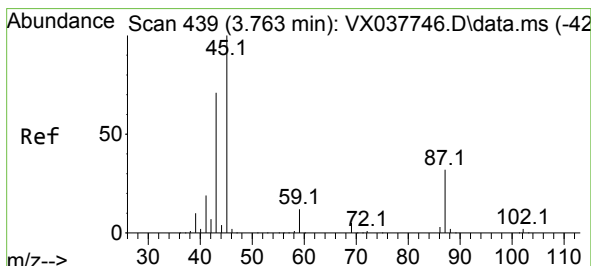
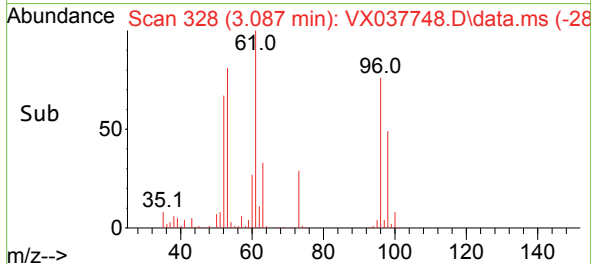
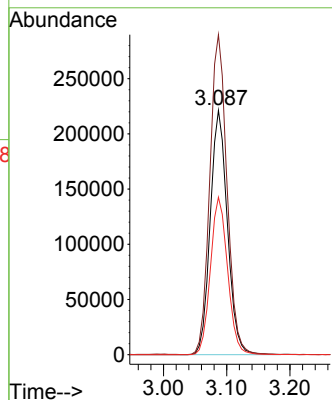
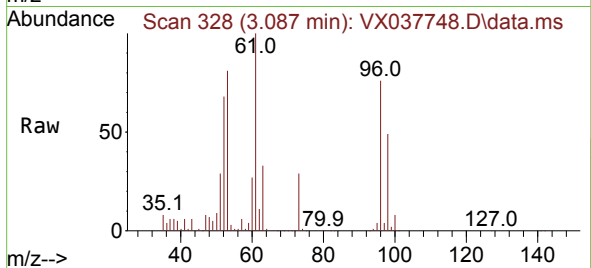




#21
trans-1,2-Dichloroethene
Concen: 146.315 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

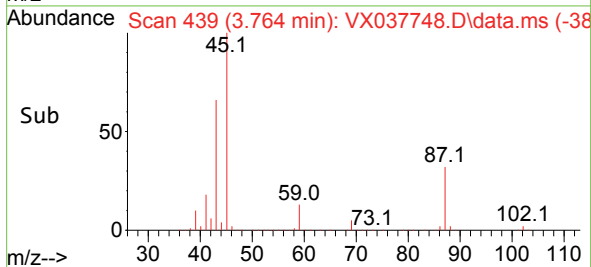
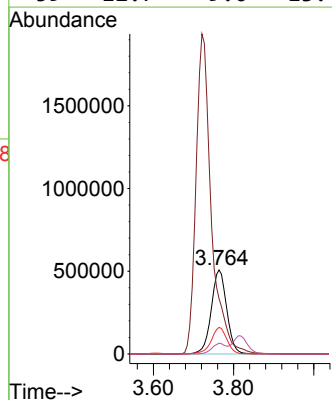
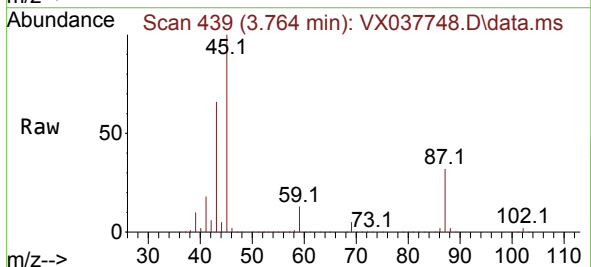
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

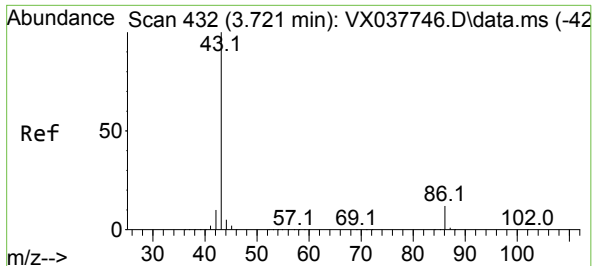
Tgt Ion: 96 Resp: 416429
Ion Ratio Lower Upper
96 100
61 130.9 119.2 178.8
98 64.4 48.7 73.1



#22
Diisopropyl ether
Concen: 152.817 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion: 45 Resp: 1358862
Ion Ratio Lower Upper
45 100
43 65.7 69.7 104.5#
87 31.5 20.8 31.2#
59 12.7 9.0 13.4

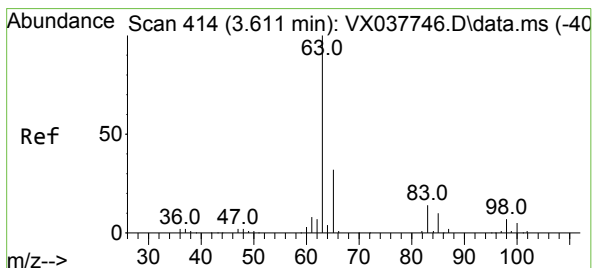
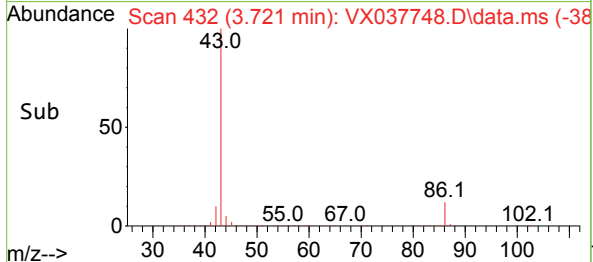
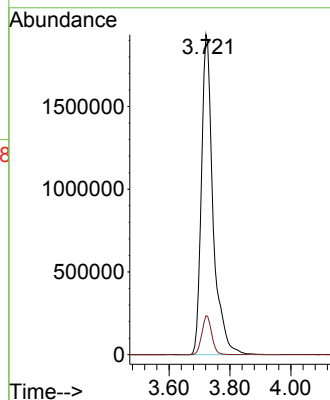
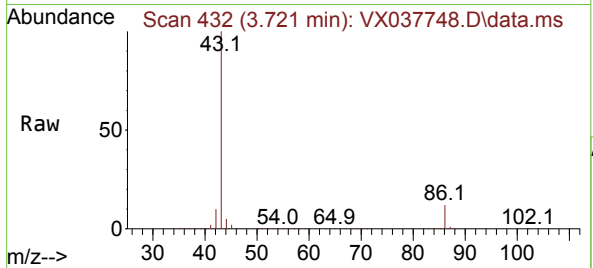




#23
 Vinyl Acetate
 Concen: 786.773 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX037748.D
 Acq: 15 Sep 2023 12:12

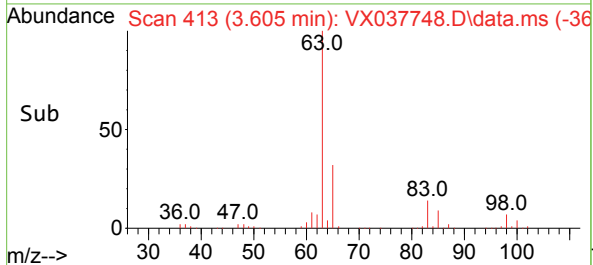
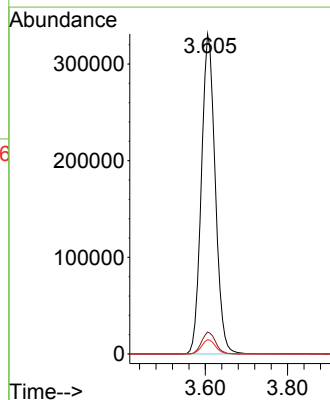
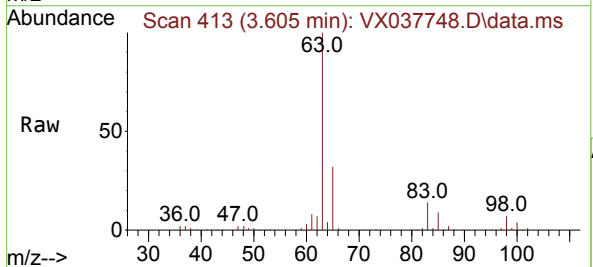
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

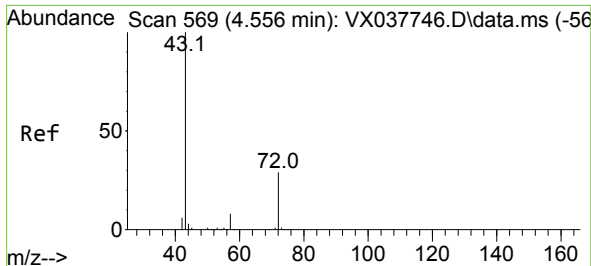
Tgt Ion: 43 Resp: 5145948
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 145.476 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX037748.D
 Acq: 15 Sep 2023 12:12

Tgt Ion: 63 Resp: 775171
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.5 2.1 6.5





#25

2-Butanone

Concen: 739.214 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

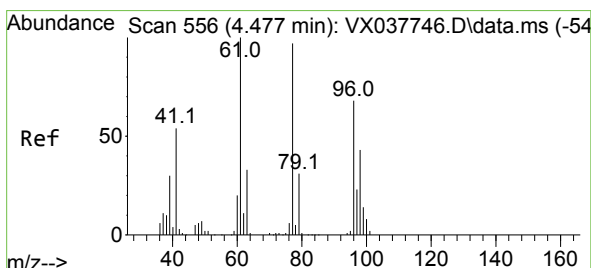
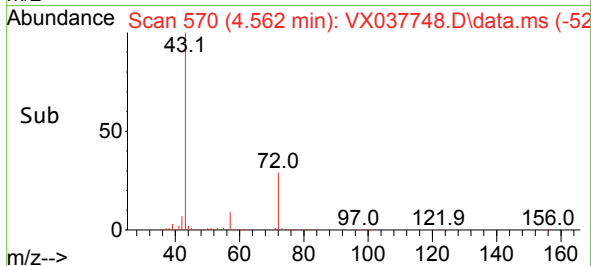
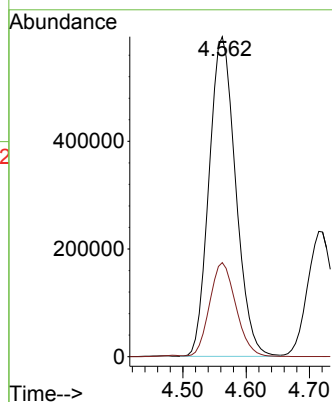
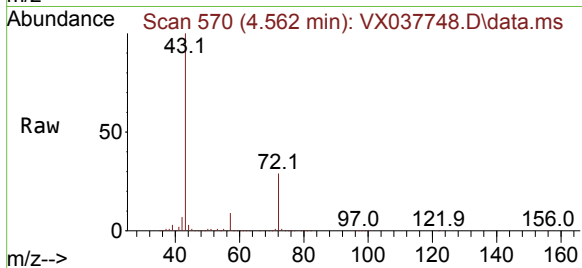
VSTDICC150

Tgt Ion: 43 Resp: 1731723

Ion Ratio Lower Upper

43 100

72 29.3 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 154.341 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX037748.D

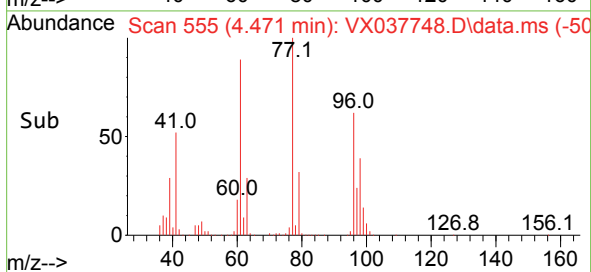
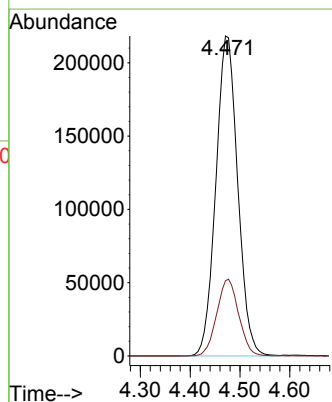
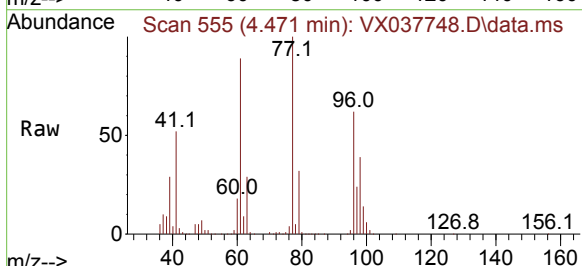
Acq: 15 Sep 2023 12:12

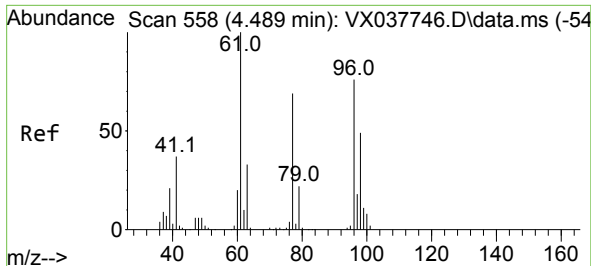
Tgt Ion: 77 Resp: 664520

Ion Ratio Lower Upper

77 100

97 24.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 150.724 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

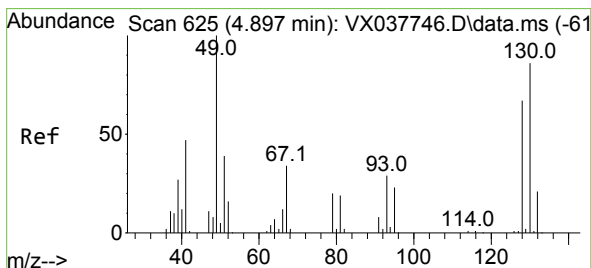
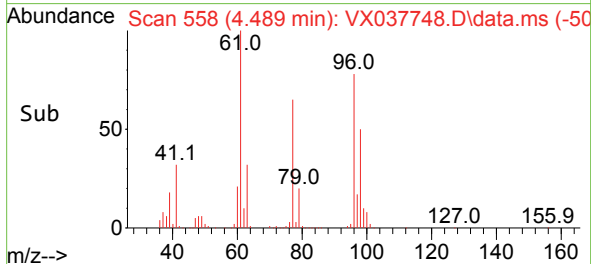
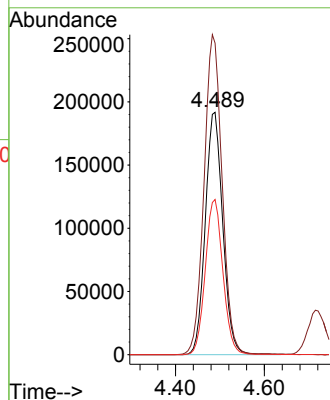
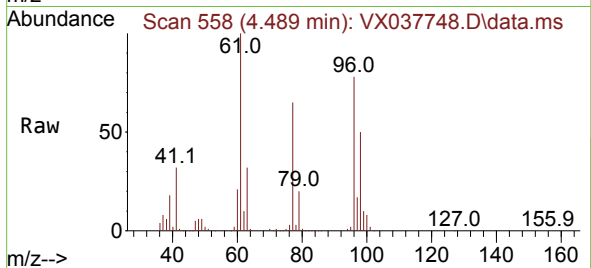
Tgt Ion: 96 Resp: 525910

Ion Ratio Lower Upper

96 100

61 136.4 0.0 312.2

98 64.5 0.0 129.0



#28

Bromochloromethane

Concen: 143.250 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

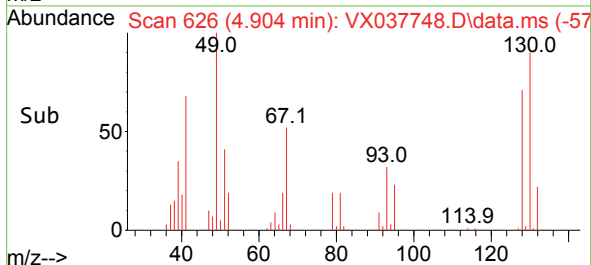
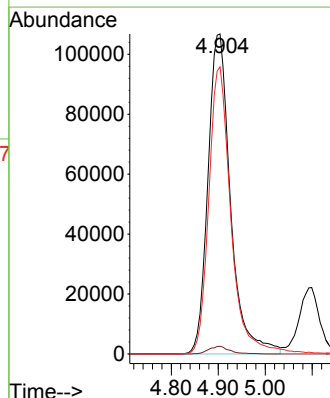
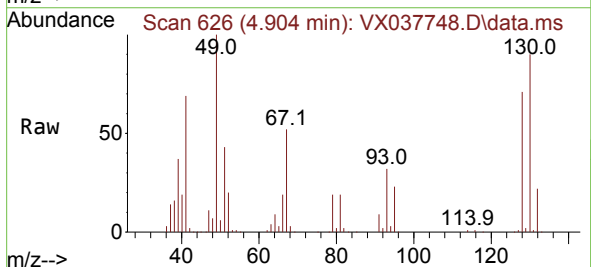
Tgt Ion: 49 Resp: 356096

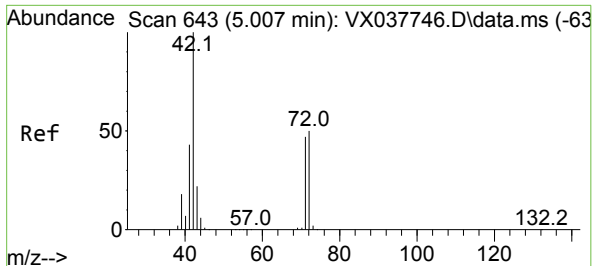
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 88.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 749.880 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

Instrument :

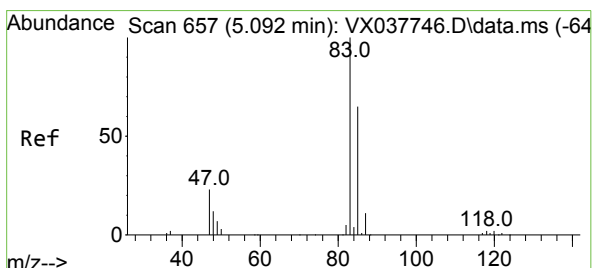
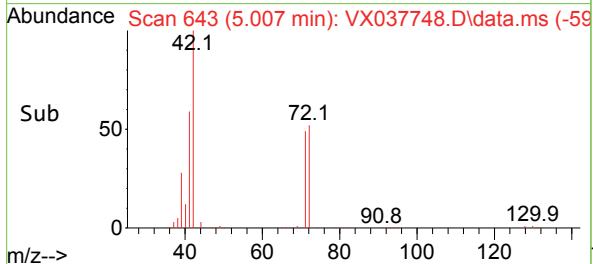
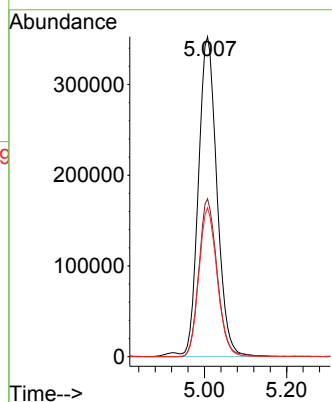
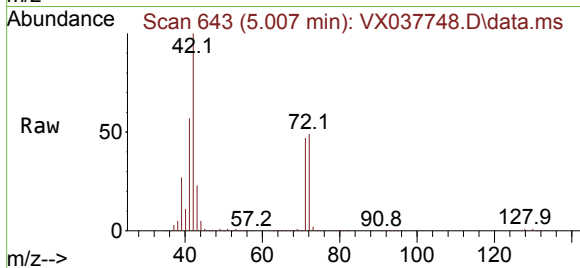
MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 1092933

Ion	Ratio	Lower	Upper
42	100		
72	49.6	34.2	51.4
71	46.4	32.2	48.2



#30

Chloroform

Concen: 148.544 ug/l

RT: 5.093 min Scan# 657

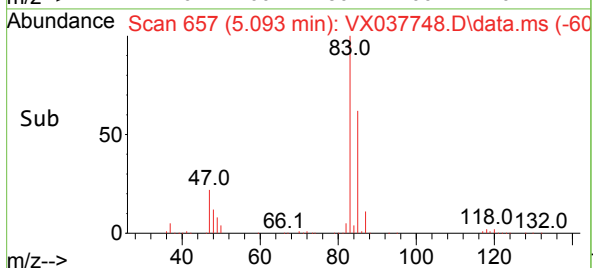
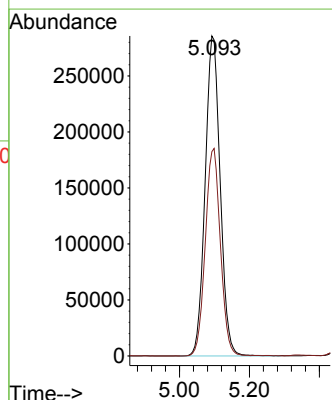
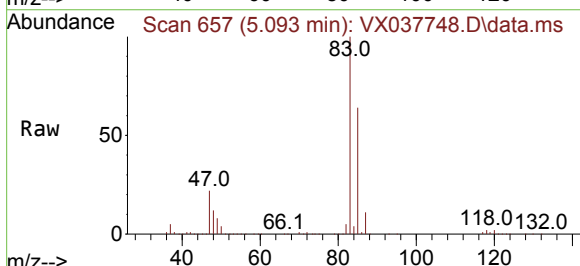
Delta R.T. 0.000 min

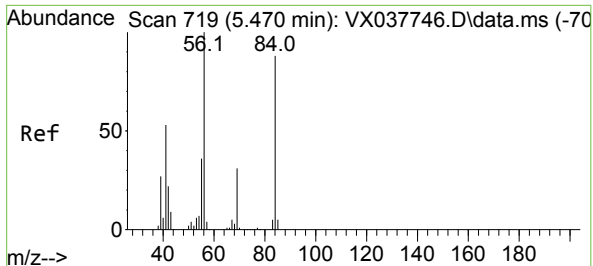
Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

Tgt Ion: 83 Resp: 852662

Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.3	75.5

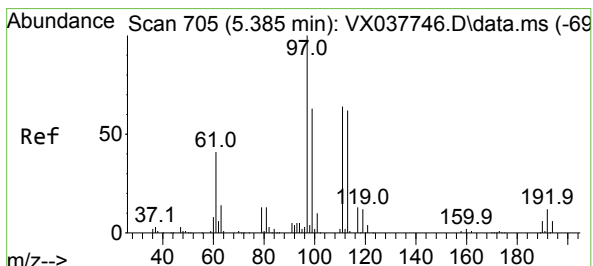
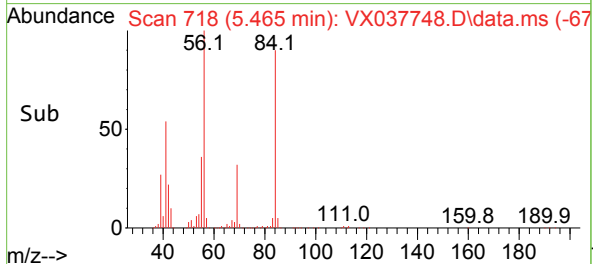
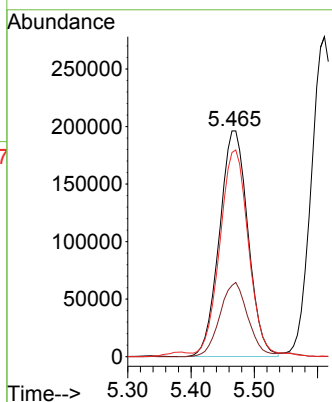
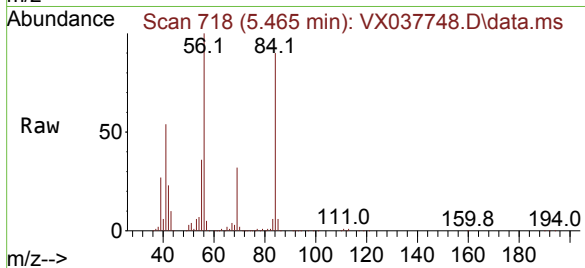




#31
Cyclohexane
Concen: 138.777 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

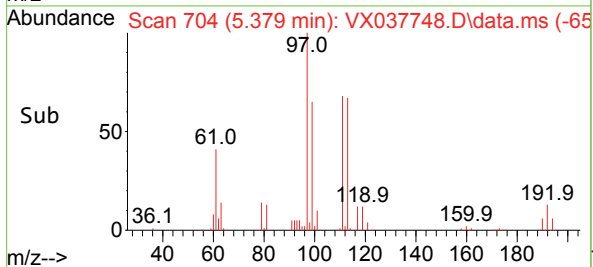
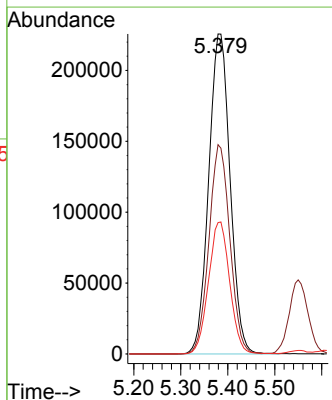
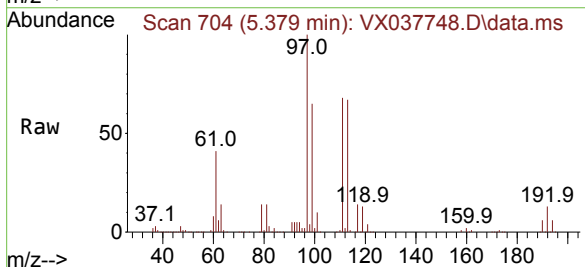
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

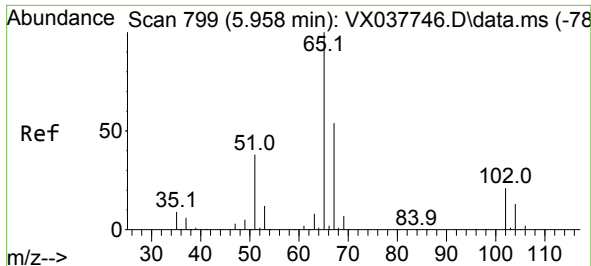
Tgt Ion: 56 Resp: 614837
Ion Ratio Lower Upper
56 100
69 31.6 23.4 35.2
84 88.8 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 146.692 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion: 97 Resp: 712964
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 41.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 153.915 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

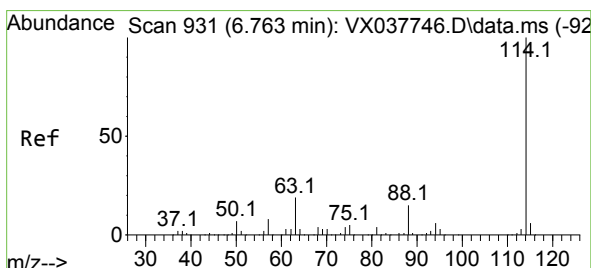
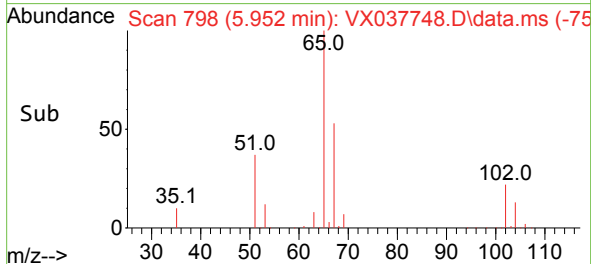
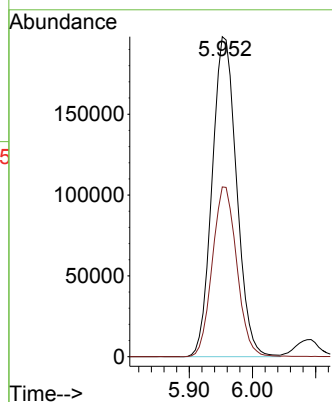
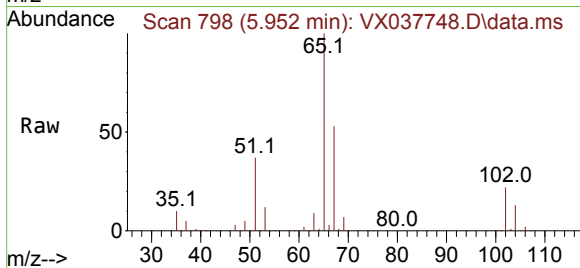
VSTDIC150

Tgt Ion: 65 Resp: 531286

Ion Ratio Lower Upper

65 100

67 53.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

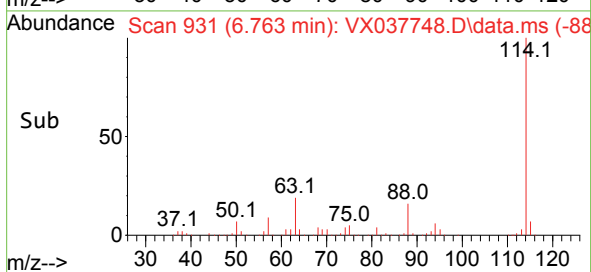
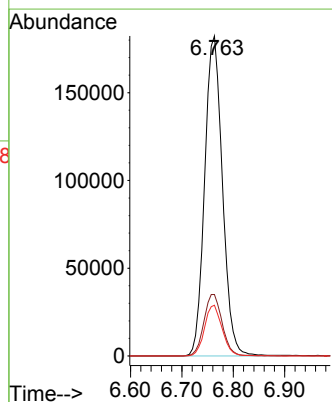
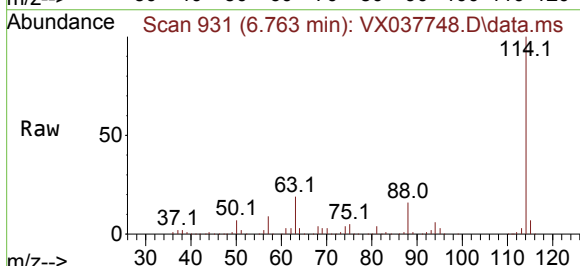
Tgt Ion: 114 Resp: 438035

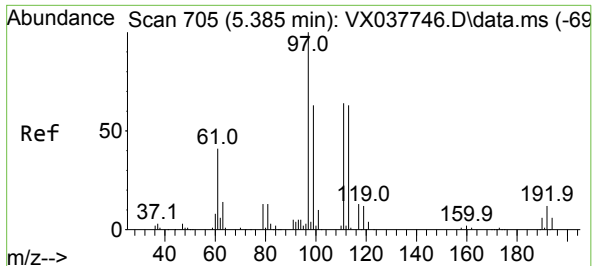
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

88 15.8 0.0 36.6

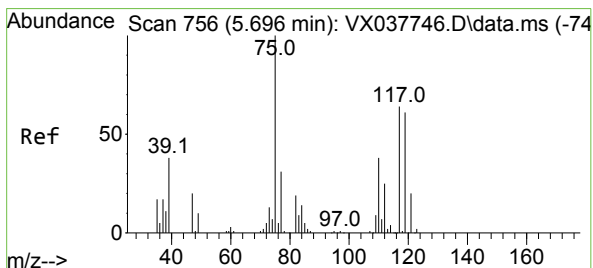
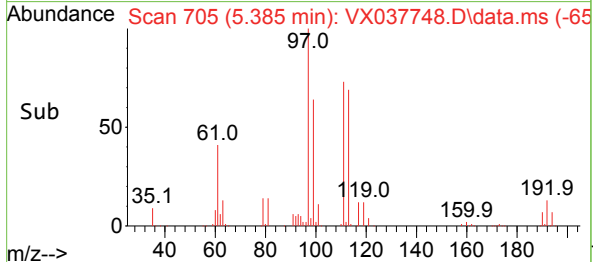
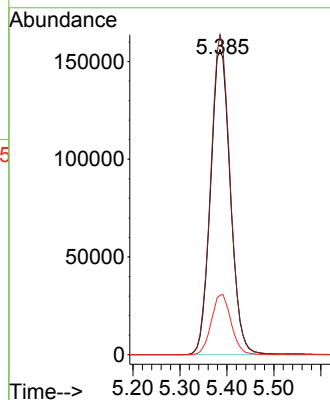
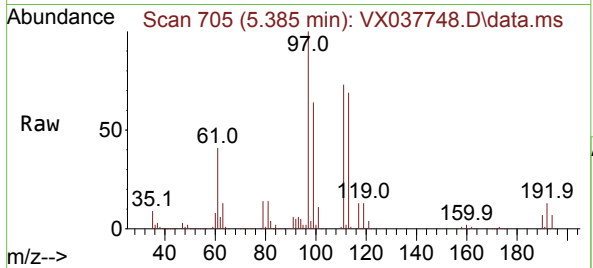




#35
Dibromofluoromethane
Concen: 156.042 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

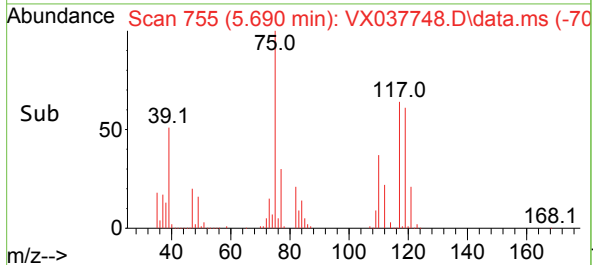
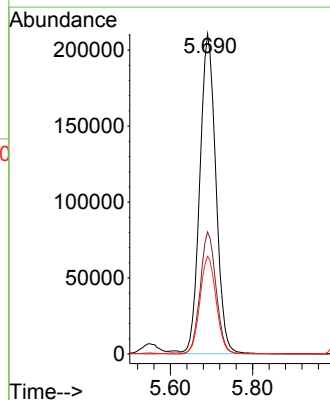
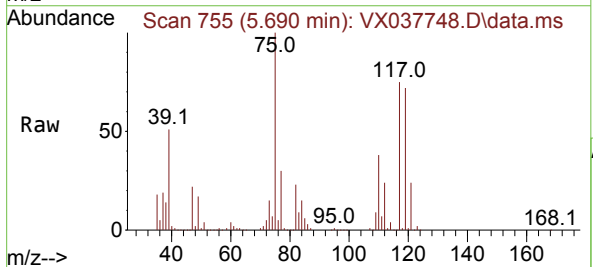
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

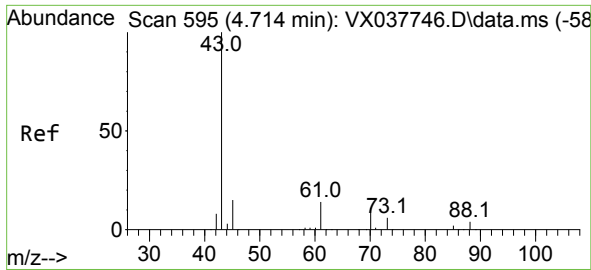
Tgt Ion:113 Resp: 457345
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 19.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 140.784 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion: 75 Resp: 568413
Ion Ratio Lower Upper
75 100
110 37.9 17.0 50.9
77 30.8 24.7 37.1

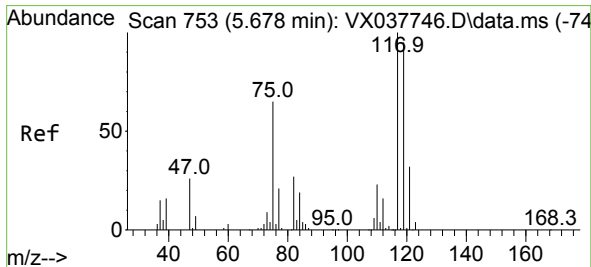
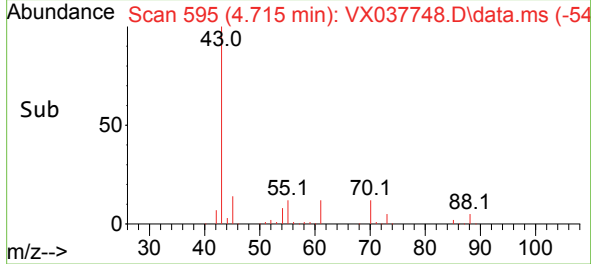
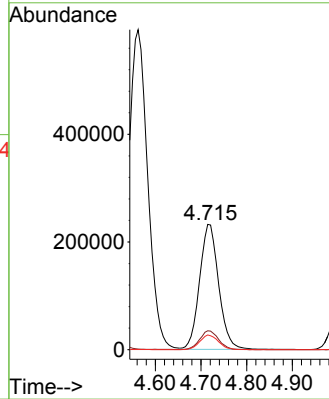
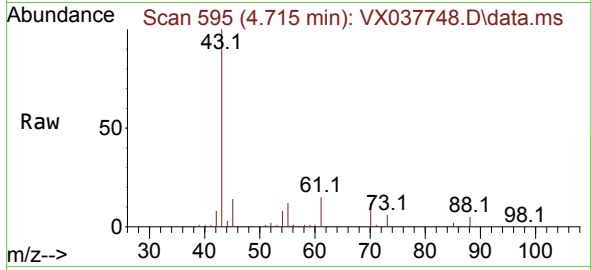




#37
Ethyl Acetate
Concen: 155.482 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.018 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

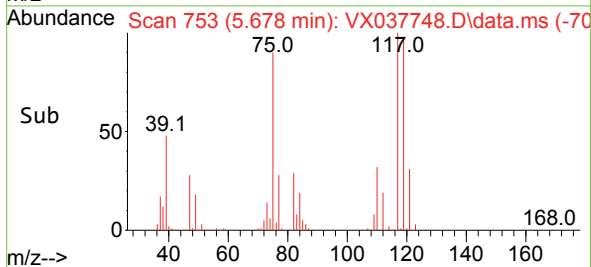
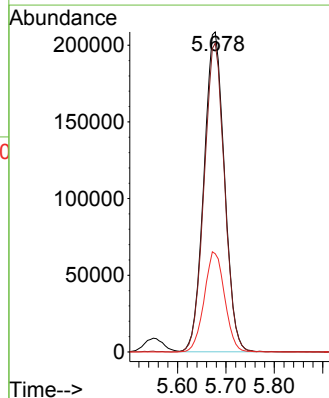
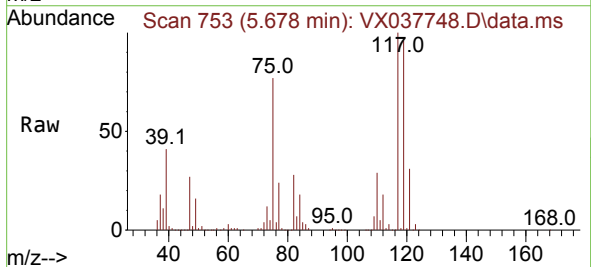
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

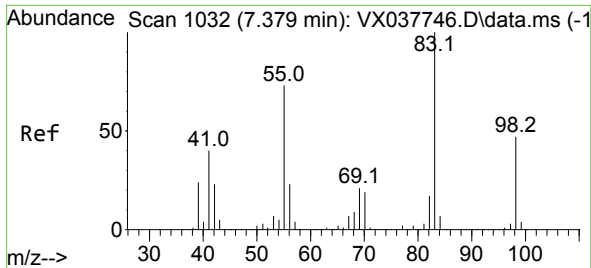
Tgt Ion: 43 Resp: 673955
Ion Ratio Lower Upper
43 100
61 15.1 10.6 16.0
70 11.5 8.3 12.5



#38
Carbon Tetrachloride
Concen: 145.611 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion: 117 Resp: 615127
Ion Ratio Lower Upper
117 100
119 96.5 78.2 117.2
121 30.7 24.4 36.6

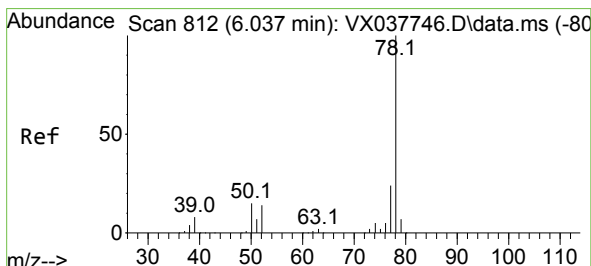
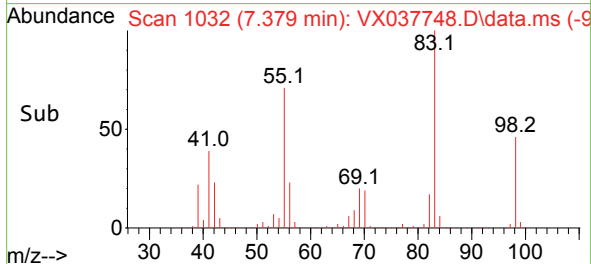
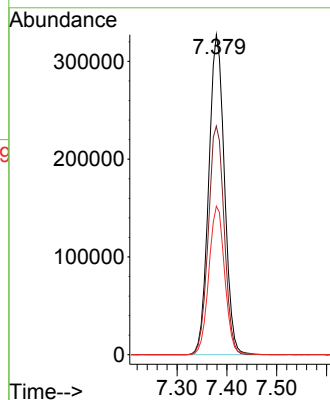
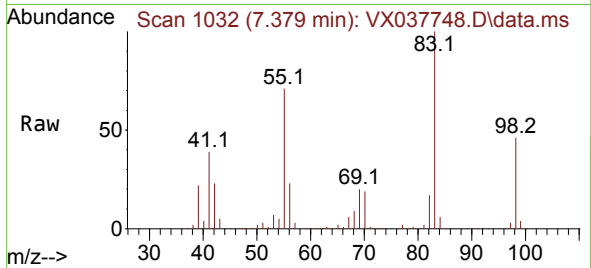




#39
Methylcyclohexane
Concen: 139.724 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

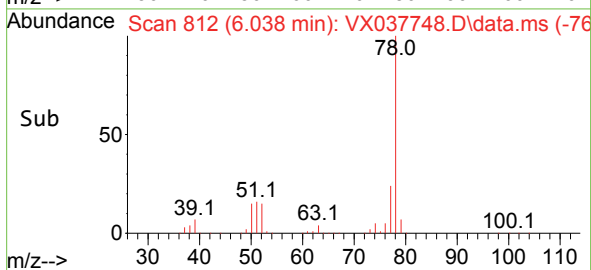
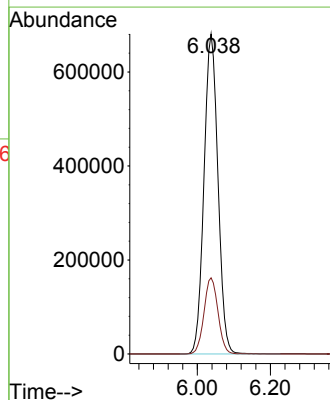
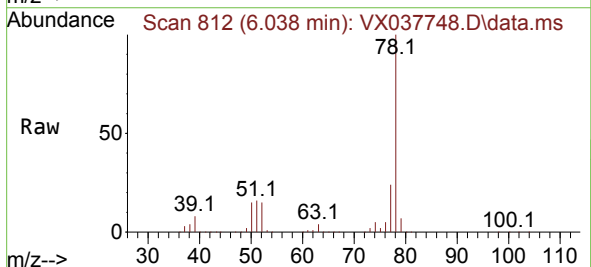
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

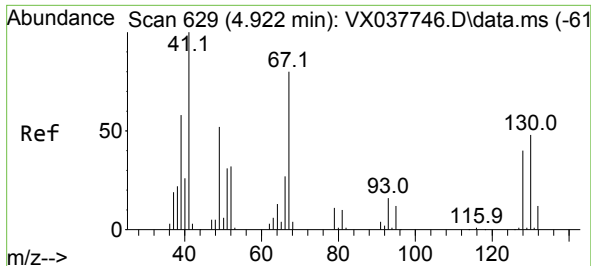
Tgt Ion: 83 Resp: 715984
Ion Ratio Lower Upper
83 100
55 71.4 64.6 97.0
98 46.4 36.7 55.1



#40
Benzene
Concen: 145.039 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion: 78 Resp: 1800784
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9



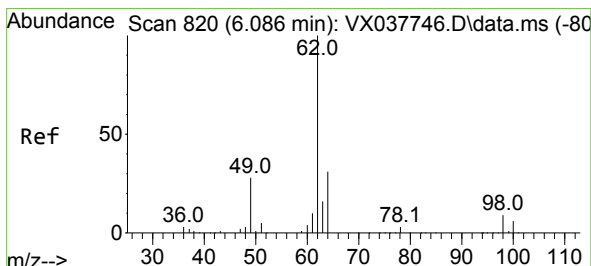
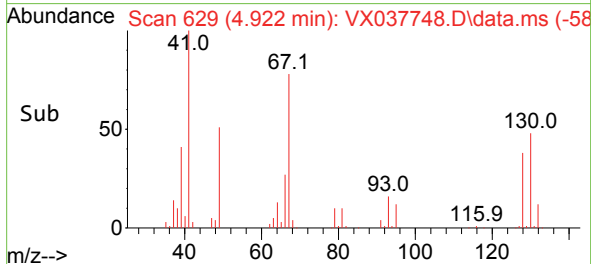
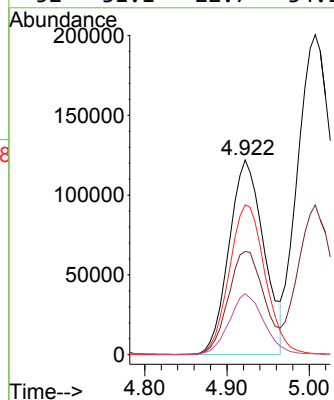
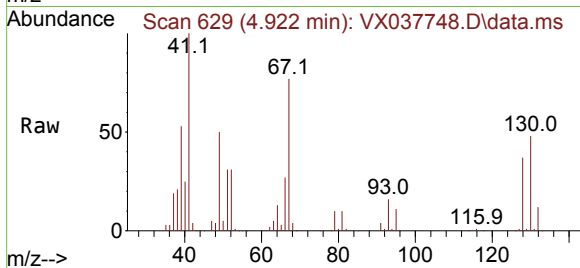


#41
Methacrylonitrile
Concen: 159.424 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.024 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 360810

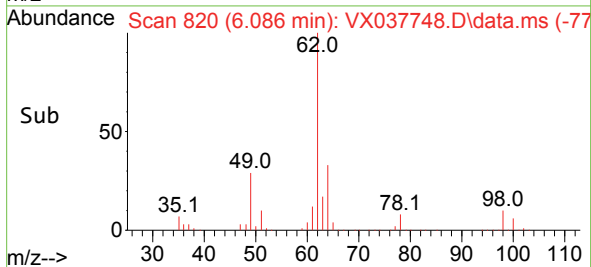
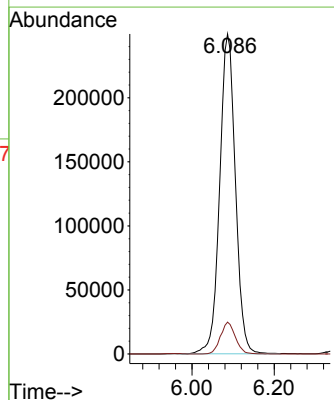
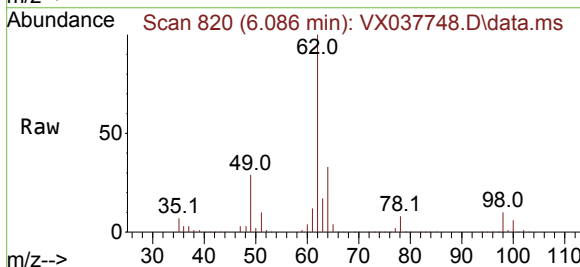
Ion	Ratio	Lower	Upper
41	100		
39	54.5	45.2	67.8
67	79.6	52.6	78.8
52	31.1	22.7	34.1

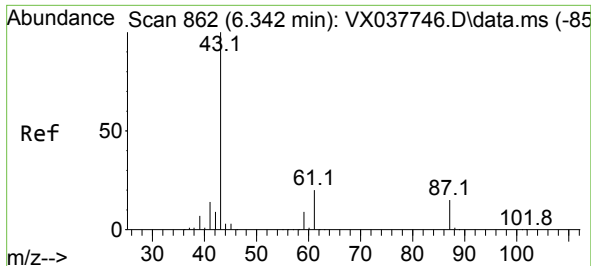


#42
1,2-Dichloroethane
Concen: 147.179 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion: 62 Resp: 662480

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	16.0

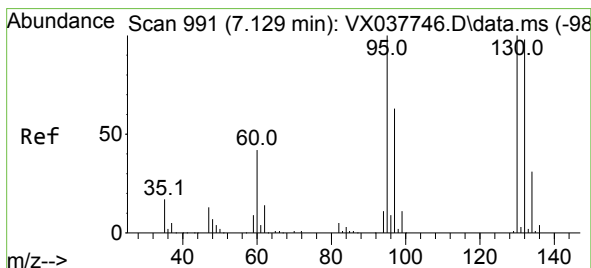
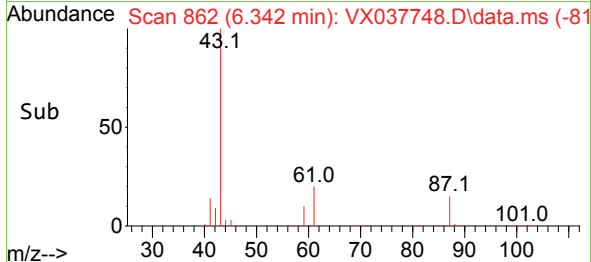
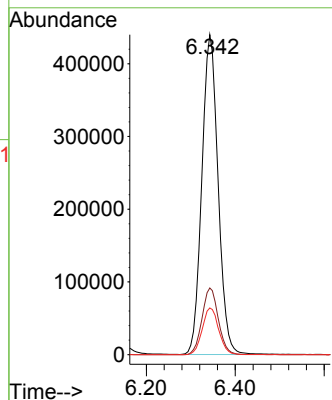
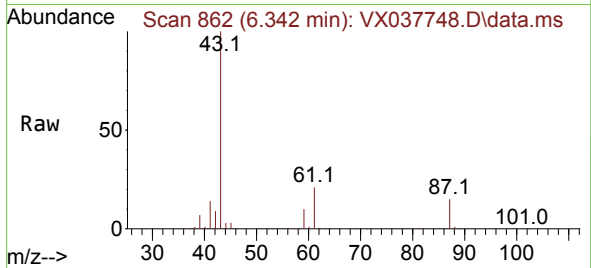




#43
Isopropyl Acetate
Concen: 158.052 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

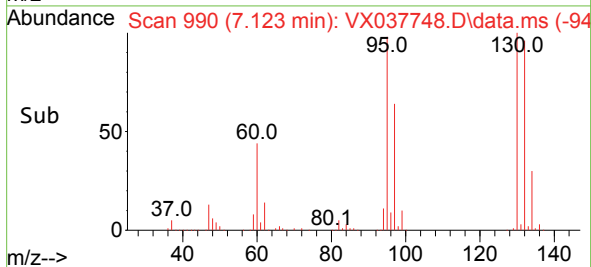
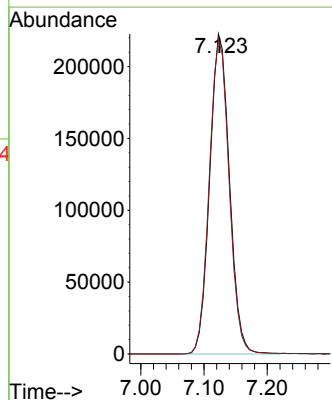
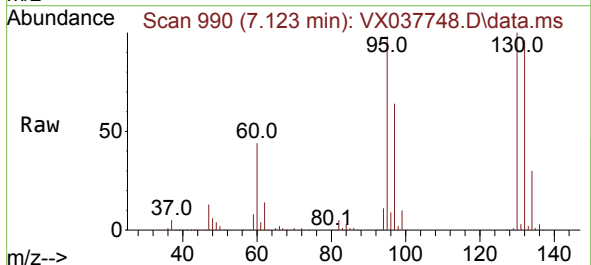
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

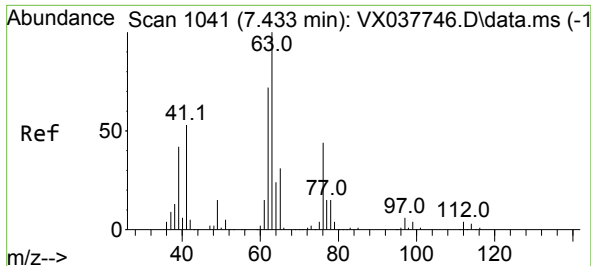
Tgt Ion: 43 Resp: 1121758
Ion Ratio Lower Upper
43 100
61 20.9 15.2 22.8
87 14.8 9.8 14.6#



#44
Trichloroethene
Concen: 139.884 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.012 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion:130 Resp: 483667
Ion Ratio Lower Upper
130 100
95 98.3 0.0 204.4

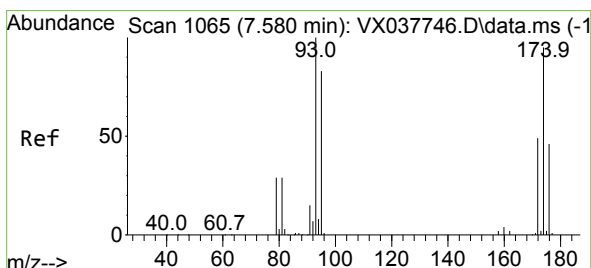
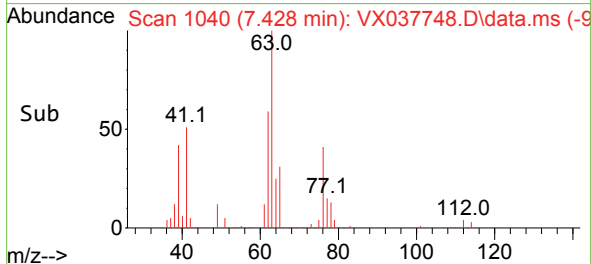
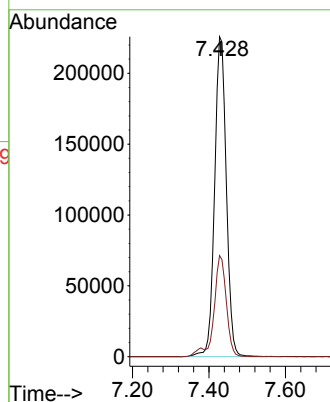
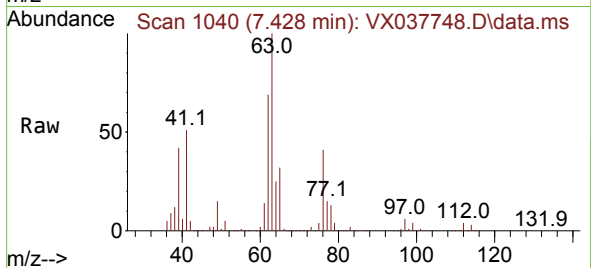




#45
1,2-Dichloropropane
Concen: 148.539 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

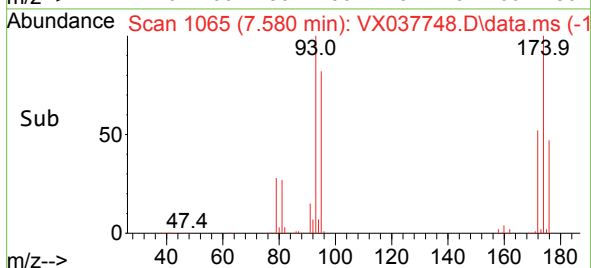
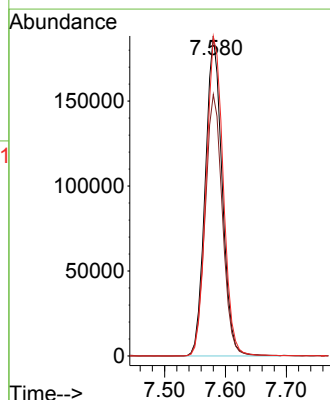
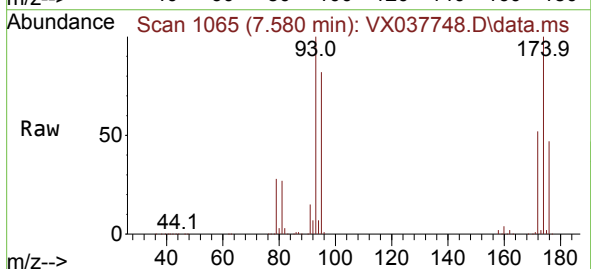
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 478936
Ion Ratio Lower Upper
63 100
65 31.6 24.3 36.5



#46
Dibromomethane
Concen: 155.885 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion: 93 Resp: 361556
Ion Ratio Lower Upper
93 100
95 83.7 66.6 100.0
174 101.3 69.4 104.0

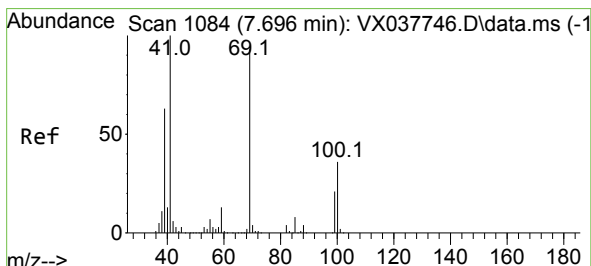
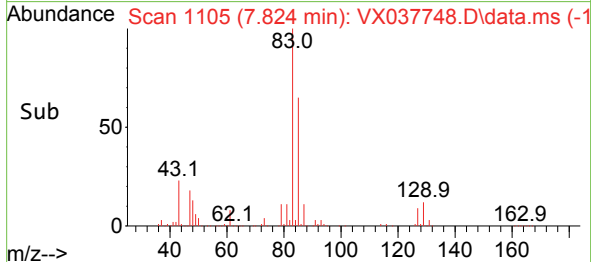
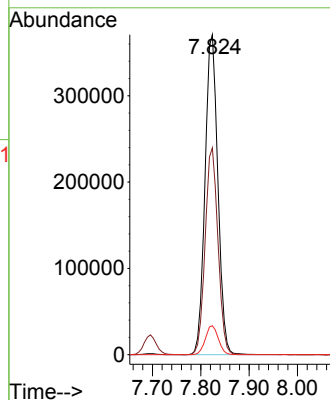
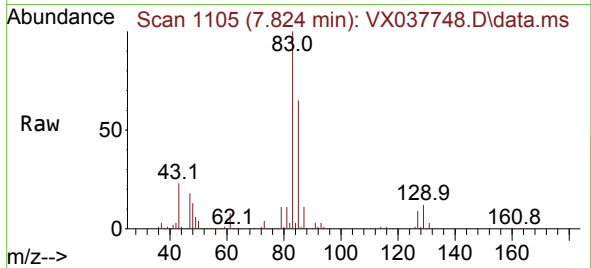




#47
Bromodichloromethane
Concen: 160.026 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

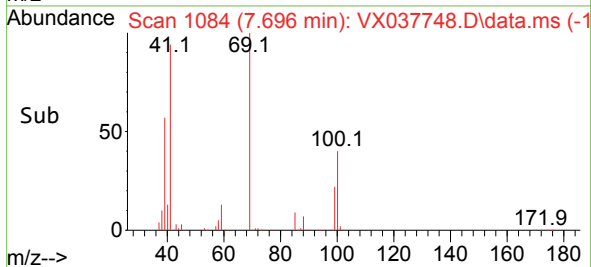
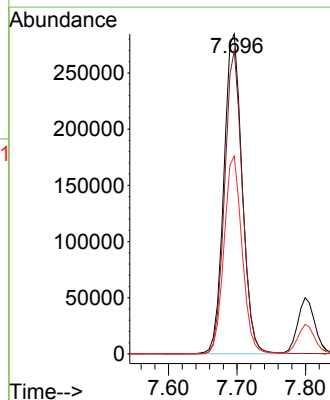
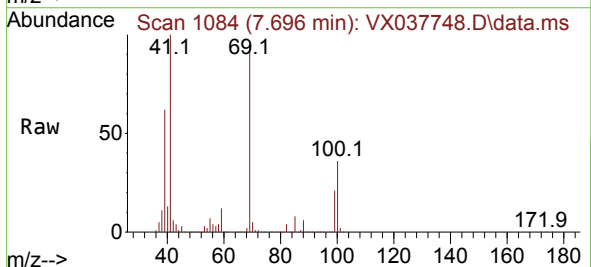
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

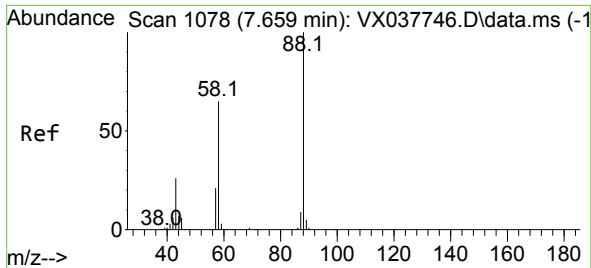
Tgt Ion: 83 Resp: 683574
Ion Ratio Lower Upper
83 100
85 64.6 49.8 74.6
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 155.319 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion: 41 Resp: 526975
Ion Ratio Lower Upper
41 100
69 92.5 59.2 88.8#
39 60.7 47.7 71.5

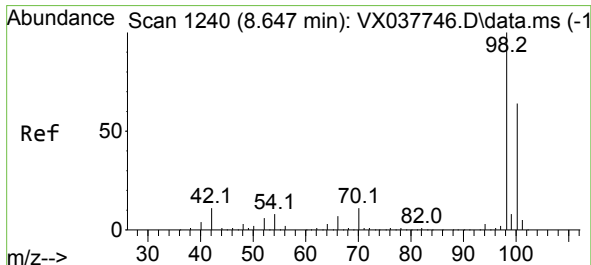
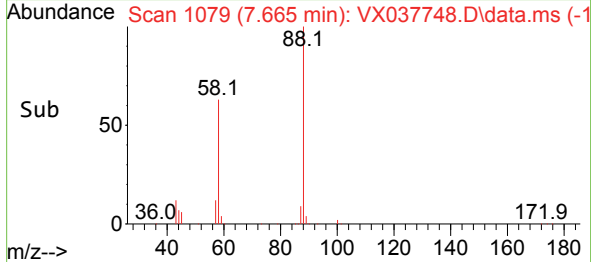
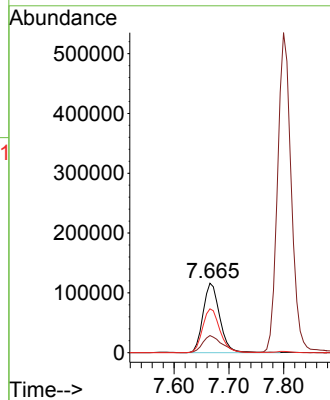
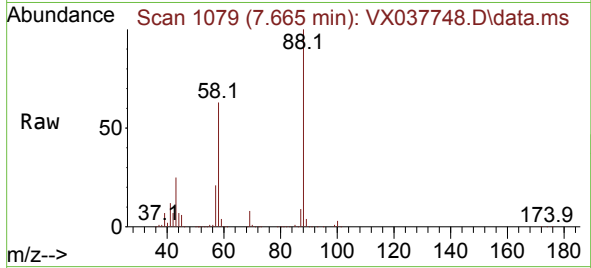




#49
1,4-Dioxane
Concen: 2748.340 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.006 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

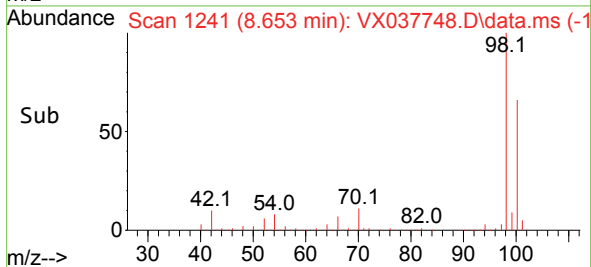
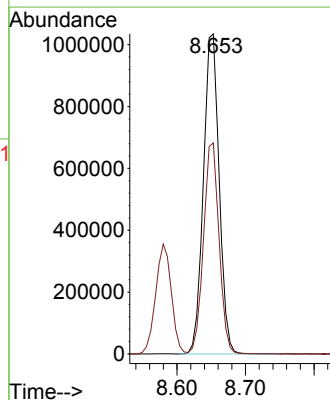
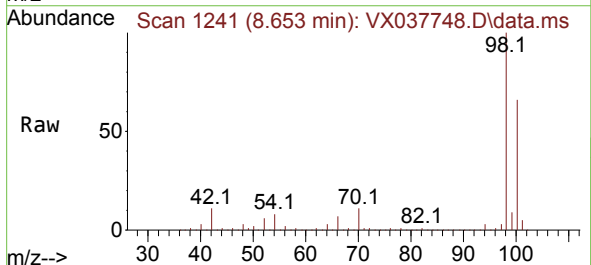
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

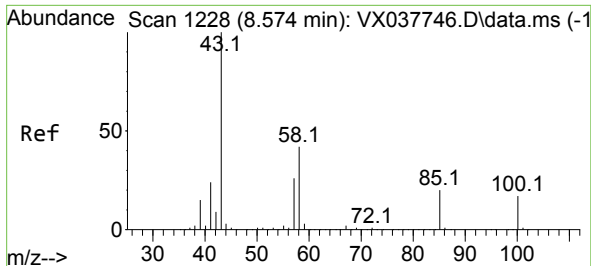
Tgt Ion: 88 Resp: 244461
Ion Ratio Lower Upper
88 100
43 28.7 0.0 0.0#
58 66.2 60.1 90.1



#50
Toluene-d8
Concen: 152.147 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion: 98 Resp: 1656904
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7

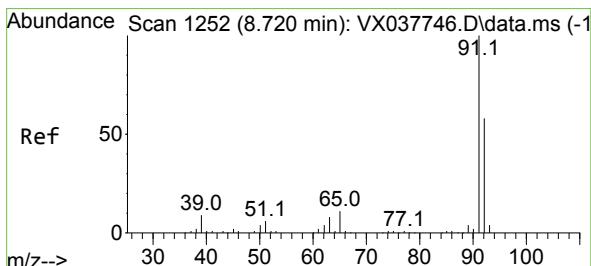
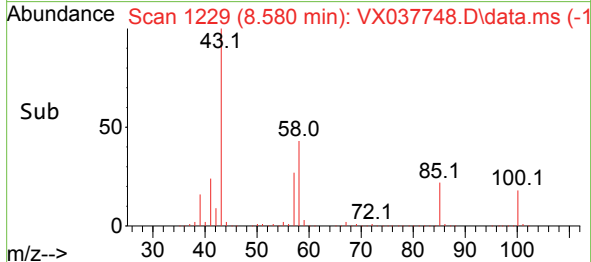
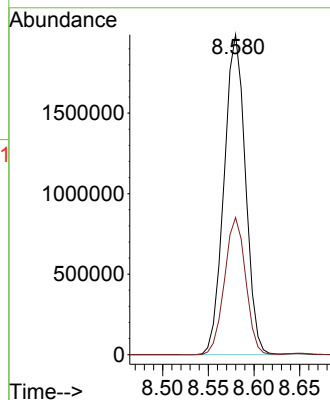
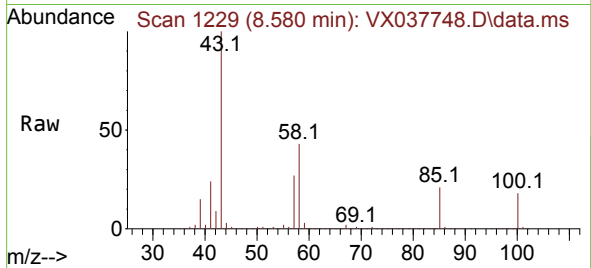




#51
4-Methyl-2-Pentanone
Concen: 717.171 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

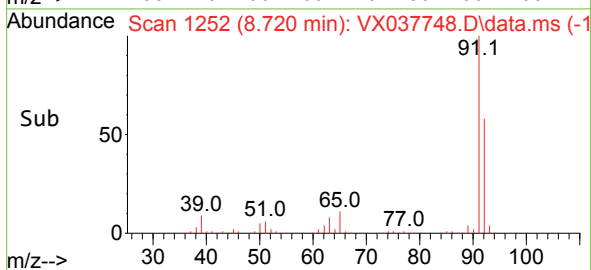
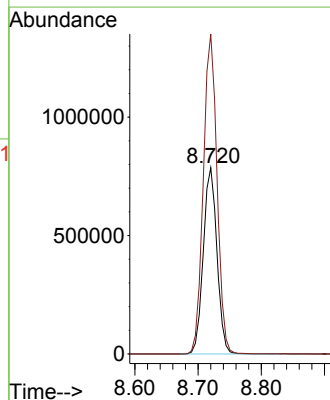
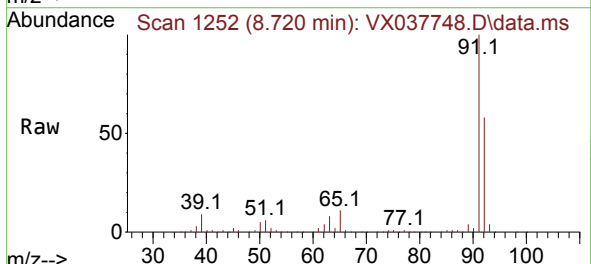
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

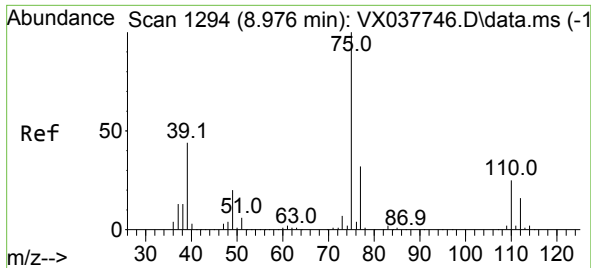
Tgt Ion: 43 Resp: 3229436
Ion Ratio Lower Upper
43 100
58 42.4 30.4 45.6



#52
Toluene
Concen: 147.889 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion: 92 Resp: 1183363
Ion Ratio Lower Upper
92 100
91 172.7 134.2 201.2

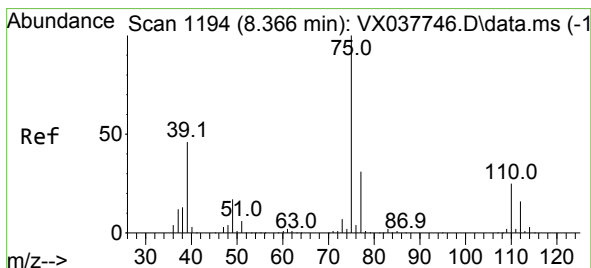
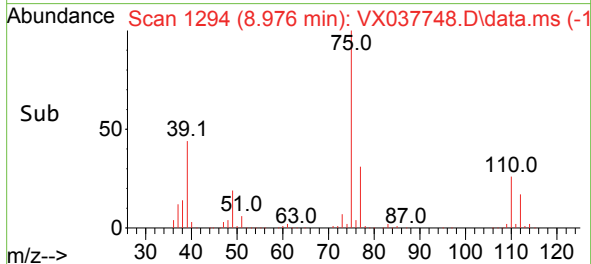
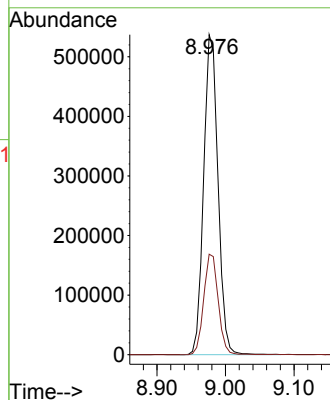
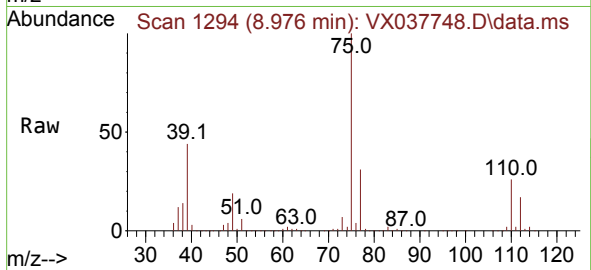




#53
 t-1,3-Dichloropropene
 Concen: 176.096 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.012 min
 Lab File: VX037748.D
 Acq: 15 Sep 2023 12:12

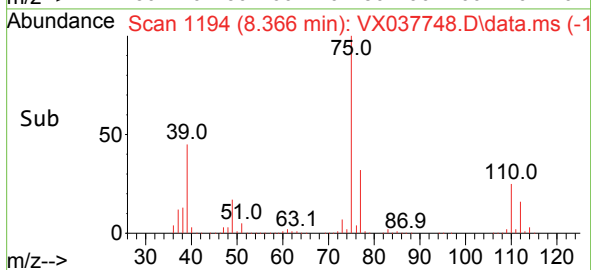
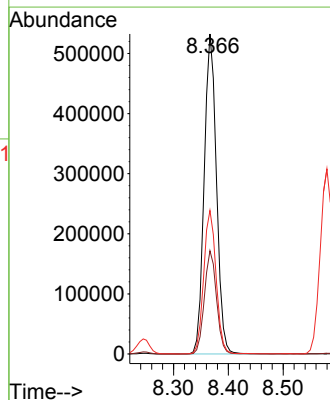
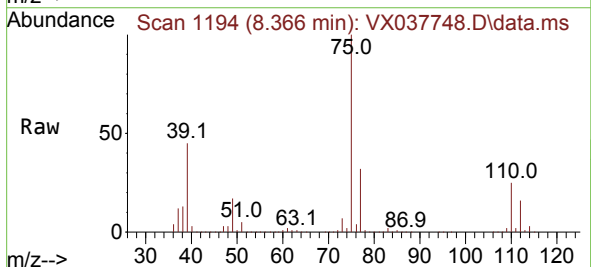
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

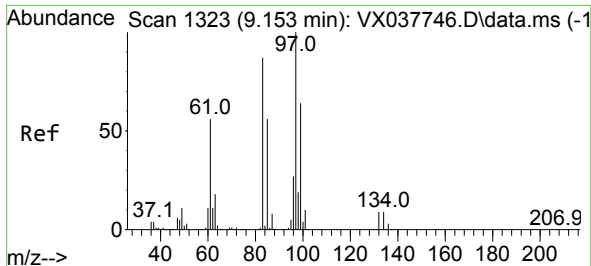
Tgt Ion: 75 Resp: 782980
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 167.199 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: VX037748.D
 Acq: 15 Sep 2023 12:12

Tgt Ion: 75 Resp: 826500
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.3 37.9
 39 44.8 46.7 70.1#

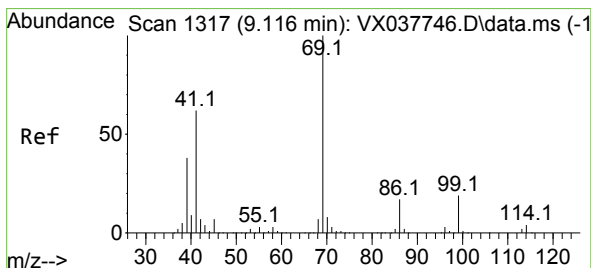
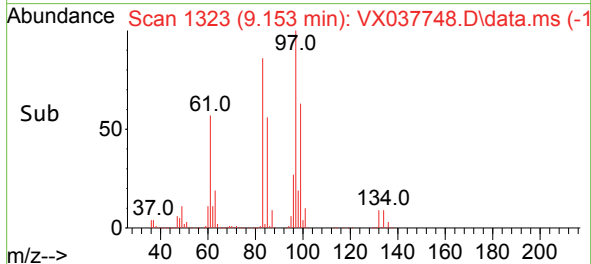
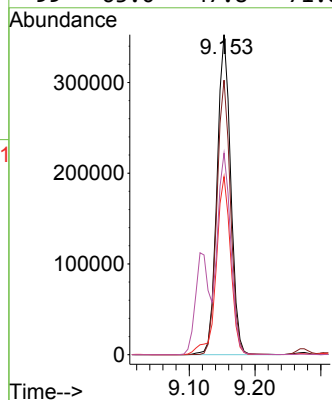
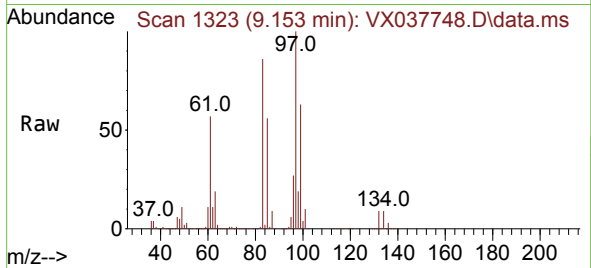




#55
1,1,2-Trichloroethane
Concen: 151.225 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

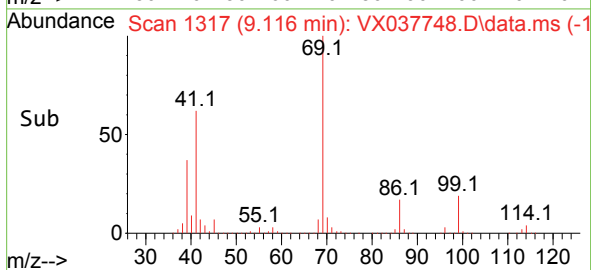
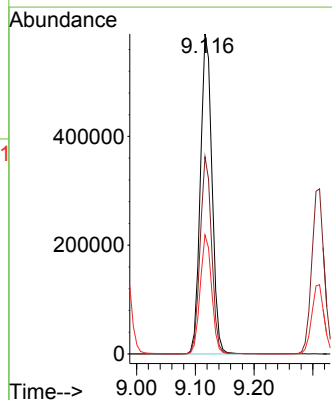
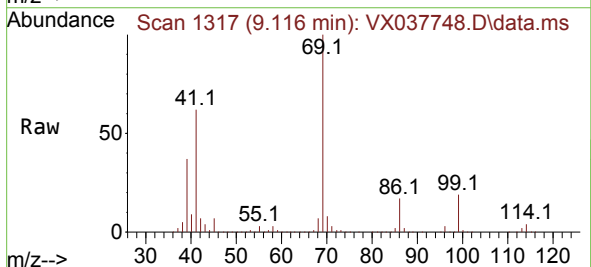
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

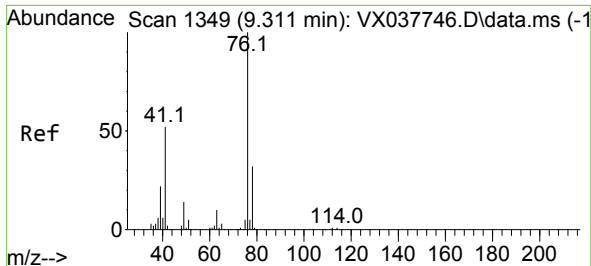
Tgt Ion: 97	Resp: 510179
Ion Ratio	Lower Upper
97 100	
83 85.8	65.8 98.8
85 55.6	41.6 62.4
99 63.0	47.8 71.8



#56
Ethyl methacrylate
Concen: 160.721 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion: 69	Resp: 809455
Ion Ratio	Lower Upper
69 100	
41 61.0	56.8 85.2
39 36.8	32.0 48.0





#57

1,3-Dichloropropane

Concen: 150.784 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

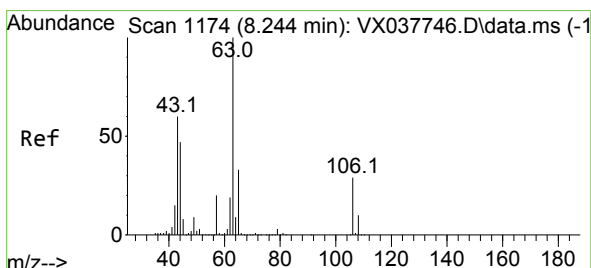
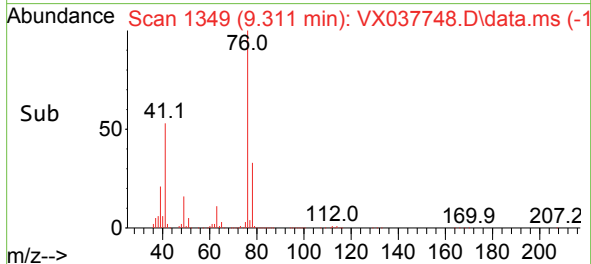
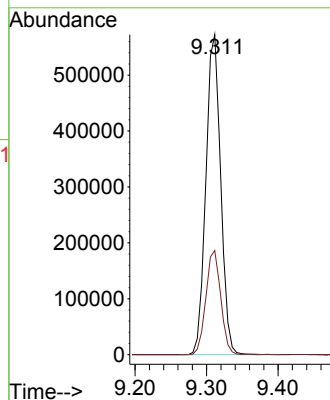
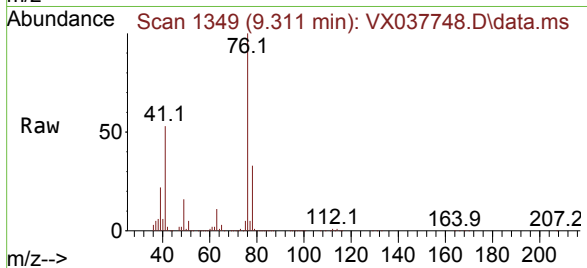
VSTDIC150

Tgt Ion: 76 Resp: 823157

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 848.340 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX037748.D

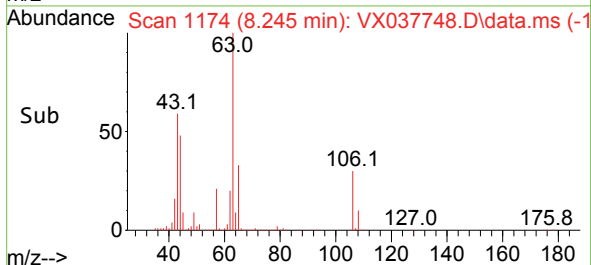
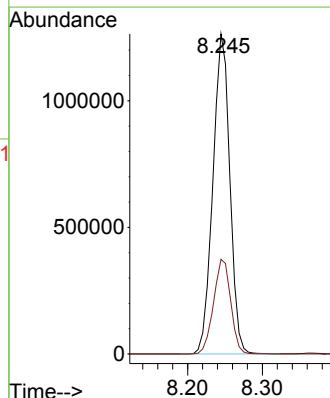
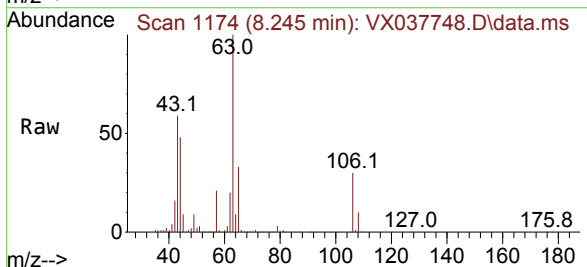
Acq: 15 Sep 2023 12:12

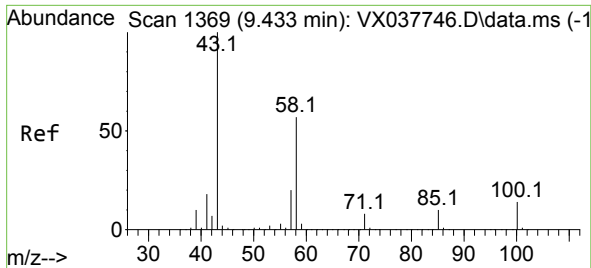
Tgt Ion: 63 Resp: 1995088

Ion Ratio Lower Upper

63 100

106 29.9 22.5 33.7

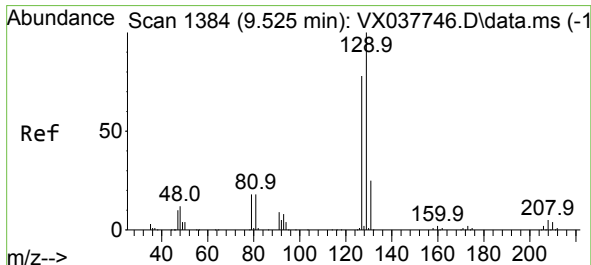
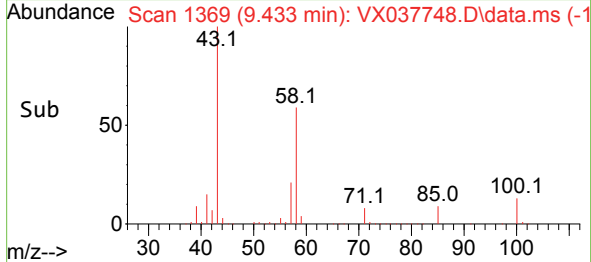
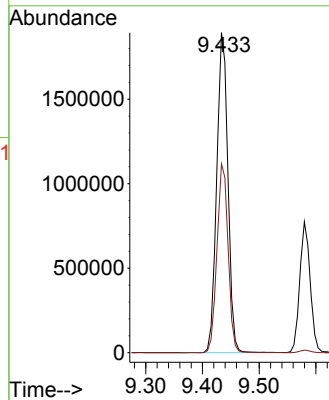
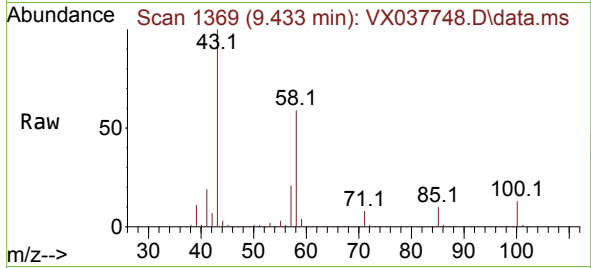




#59
2-Hexanone
Concen: 739.109 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

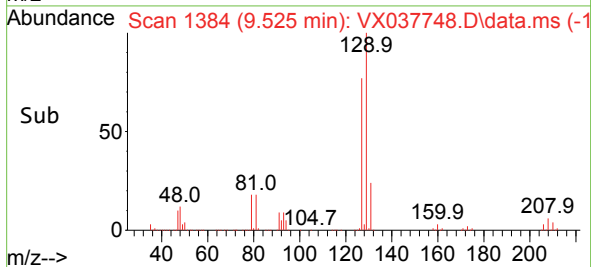
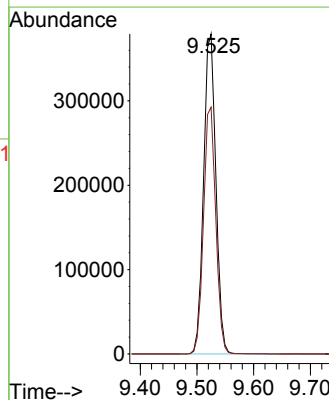
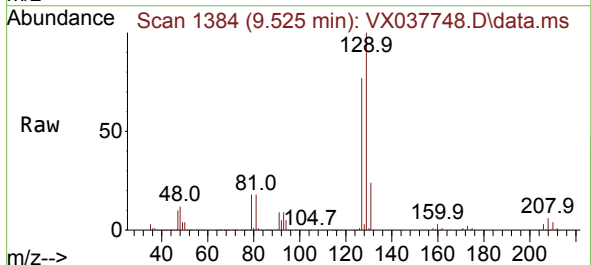
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

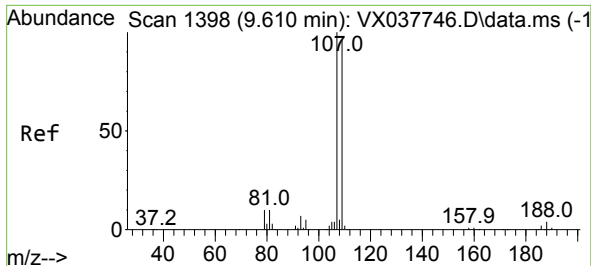
Tgt Ion: 43 Resp: 2591361
Ion Ratio Lower Upper
43 100
58 58.7 26.2 78.5



#60
Dibromochloromethane
Concen: 169.521 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion: 129 Resp: 569721
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4

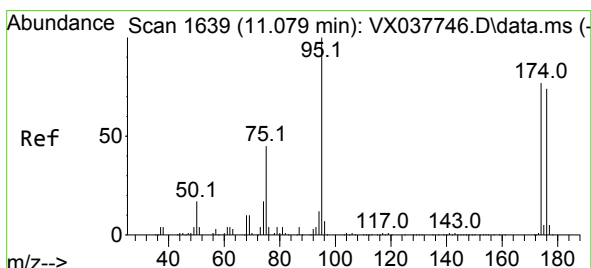
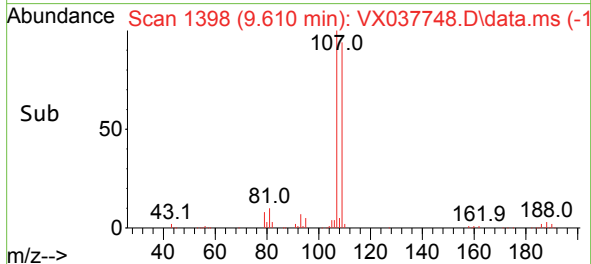
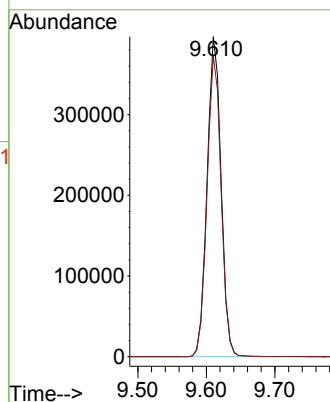
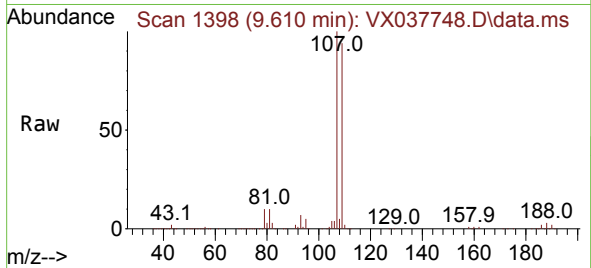




#61
1,2-Dibromoethane
Concen: 157.609 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

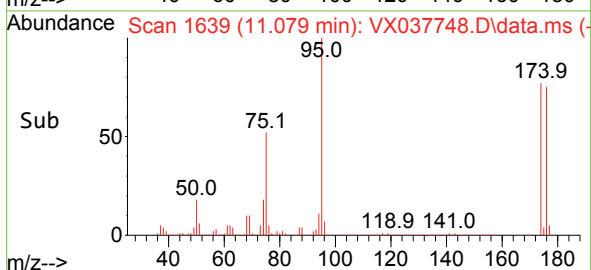
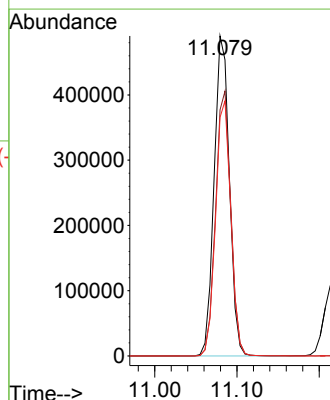
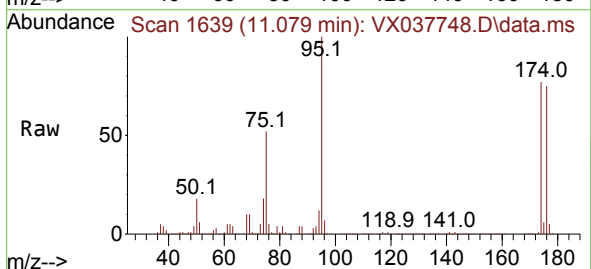
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

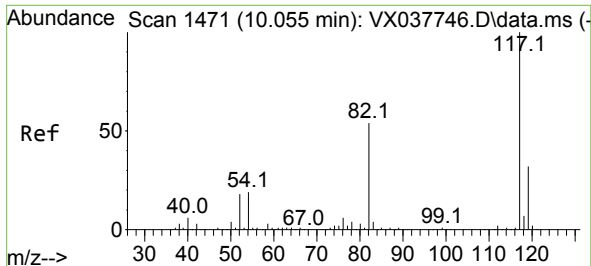
Tgt Ion:107 Resp: 562964
Ion Ratio Lower Upper
107 100
109 94.4 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 159.391 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion: 95 Resp: 630756
Ion Ratio Lower Upper
95 100
174 82.7 0.0 135.6
176 80.0 0.0 131.0

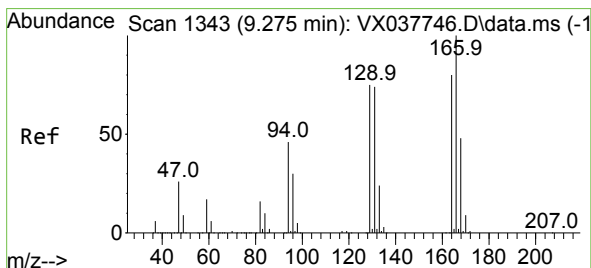
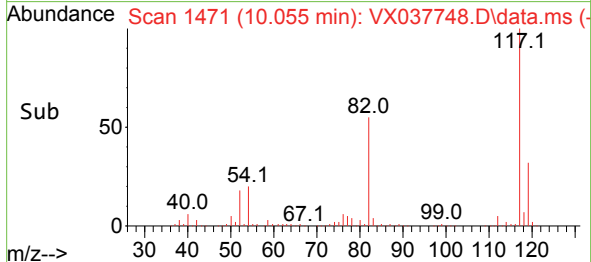
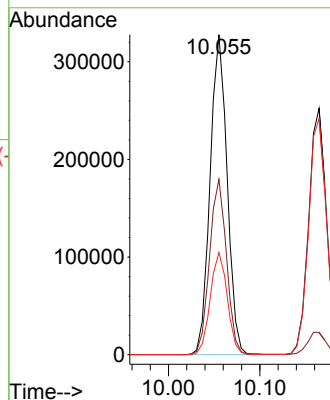
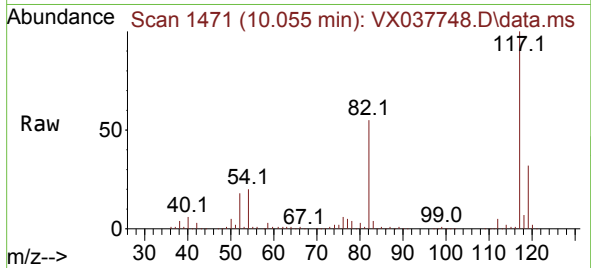




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

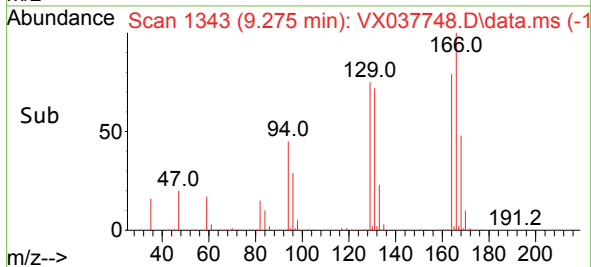
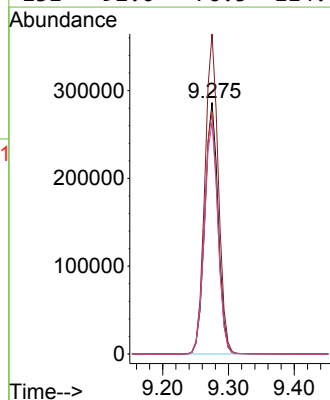
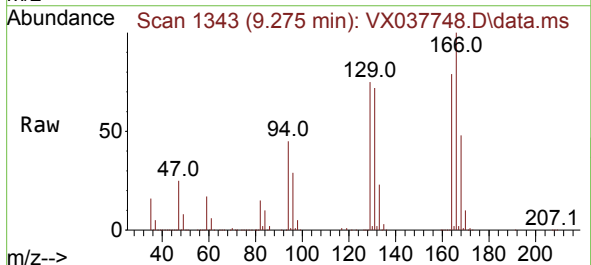
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

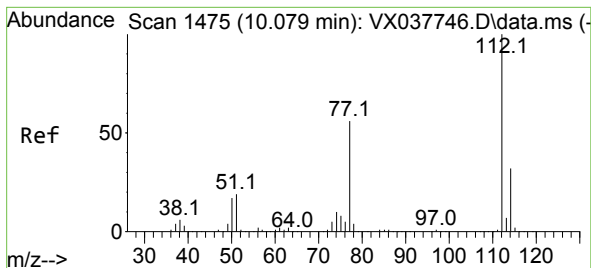
Tgt Ion:117 Resp: 423754
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 139.624 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion:164 Resp: 403505
Ion Ratio Lower Upper
164 100
166 127.3 102.7 154.1
129 96.0 80.4 120.6
131 92.0 76.5 114.7

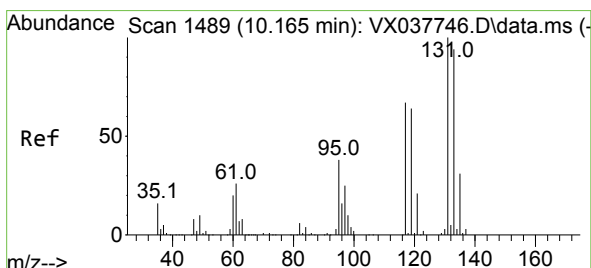
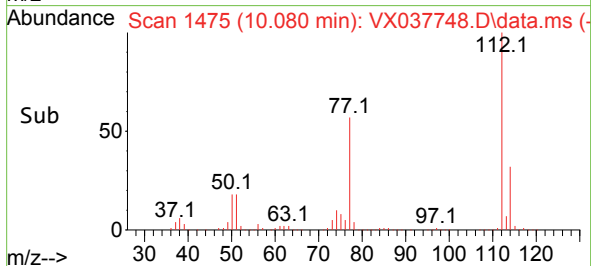
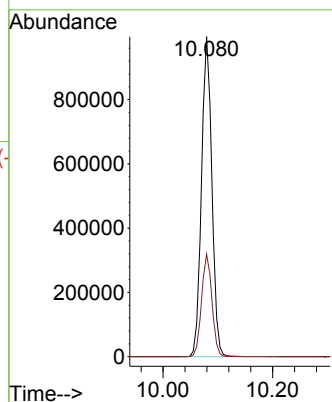
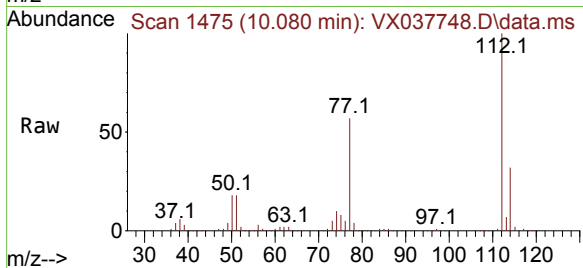




#65
Chlorobenzene
Concen: 143.392 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

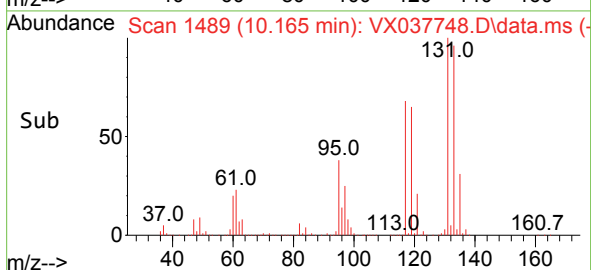
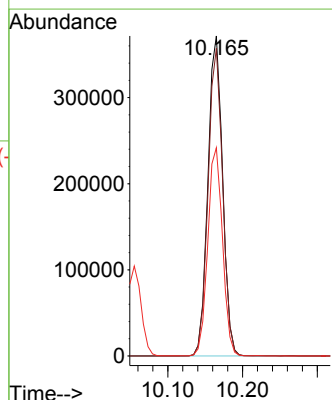
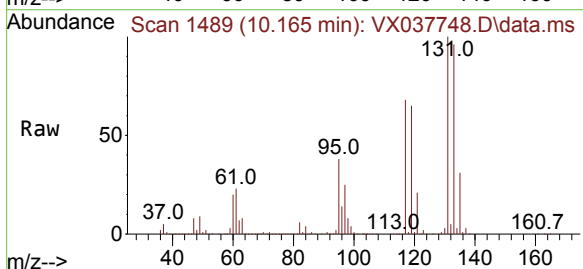
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

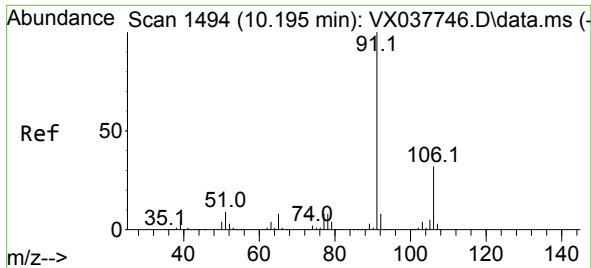
Tgt Ion:112 Resp: 1310663
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 156.498 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion:131 Resp: 506929
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.4
119 65.3 32.2 96.6

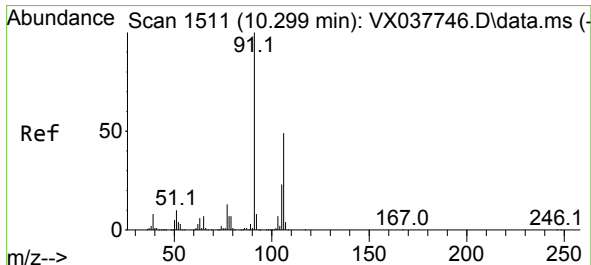
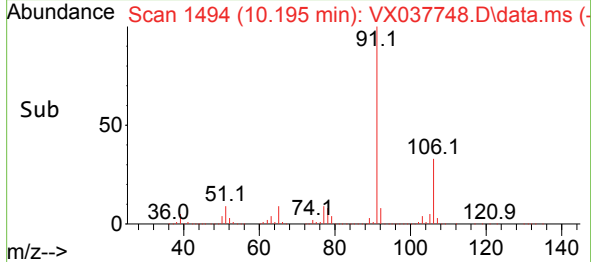
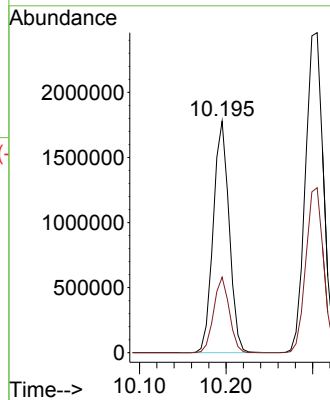
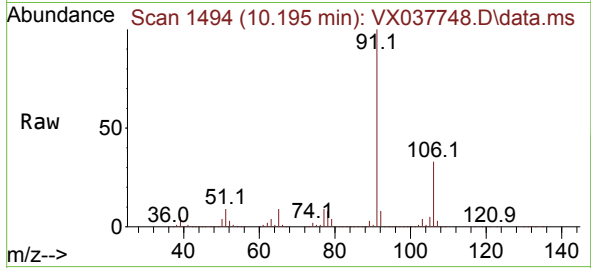




#67
Ethyl Benzene
Concen: 143.430 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

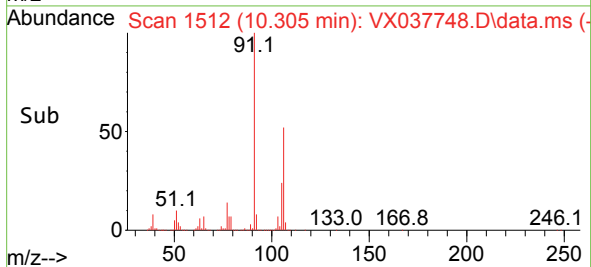
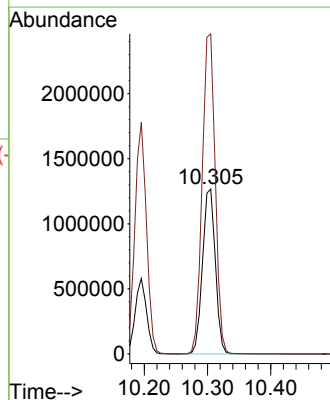
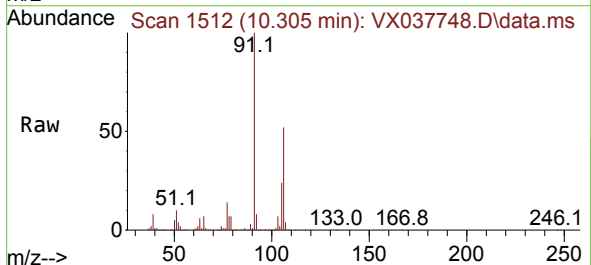
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

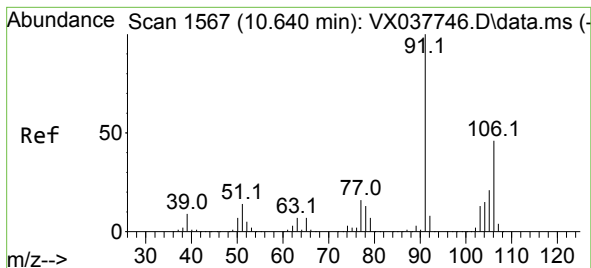
Tgt Ion: 91 Resp: 2272962
Ion Ratio Lower Upper
91 100
106 32.6 24.9 37.3



#68
m/p-Xylenes
Concen: 291.997 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion: 106 Resp: 1788067
Ion Ratio Lower Upper
106 100
91 197.5 165.5 248.3





#69

o-Xylene

Concen: 145.513 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

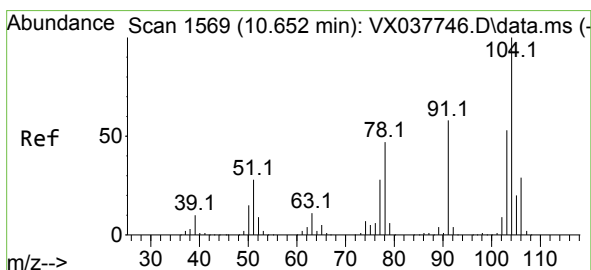
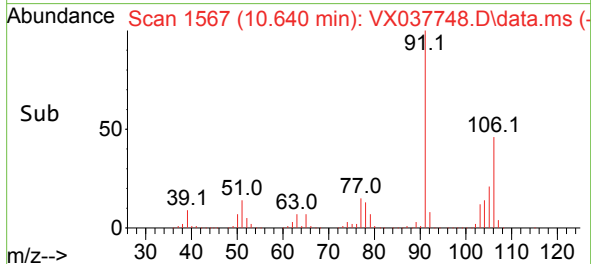
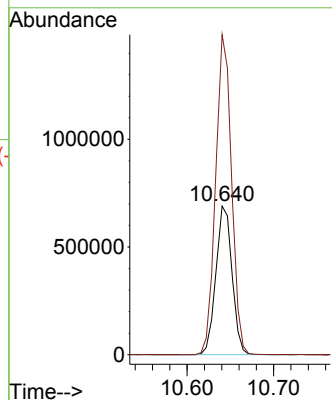
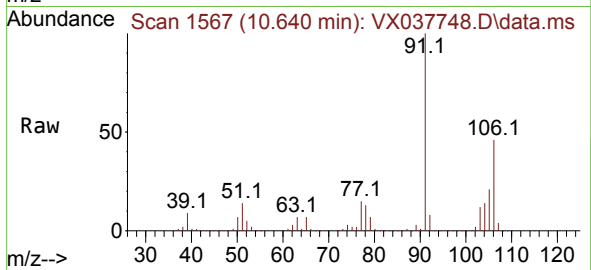
VSTDIC150

Tgt Ion:106 Resp: 893537

Ion Ratio Lower Upper

106 100

91 212.1 108.9 326.8



#70

Styrene

Concen: 152.982 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

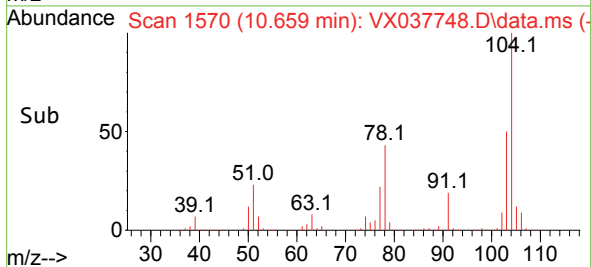
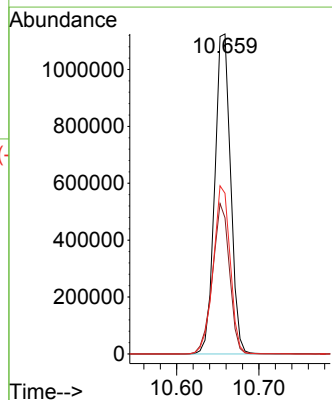
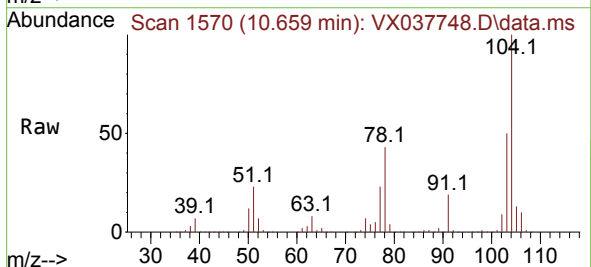
Tgt Ion:104 Resp: 1508108

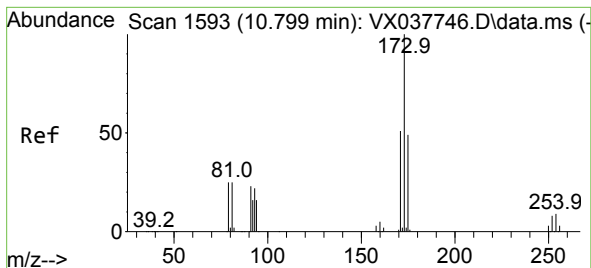
Ion Ratio Lower Upper

104 100

78 50.2 43.6 65.4

103 56.1 43.6 65.4





#71

Bromoform

Concen: 176.360 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

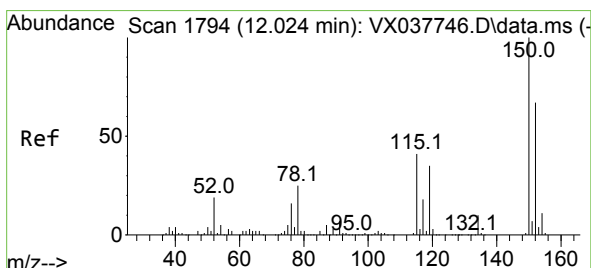
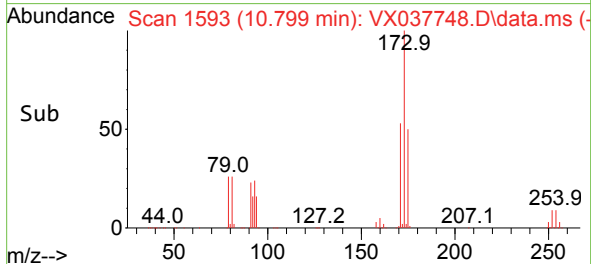
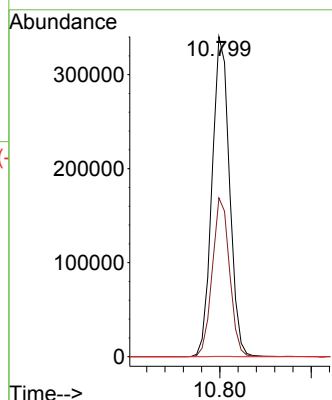
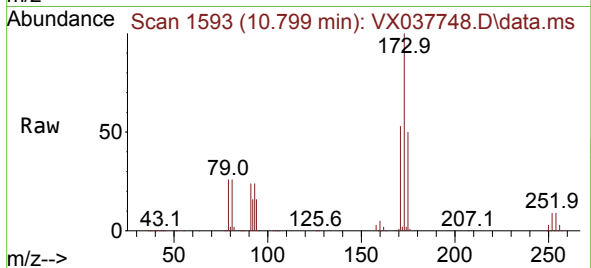
Tgt Ion:173 Resp: 450718

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.4

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

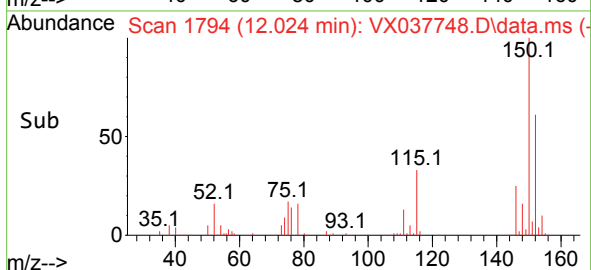
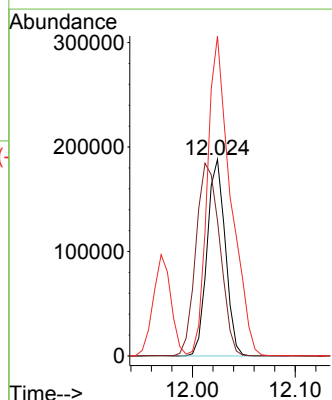
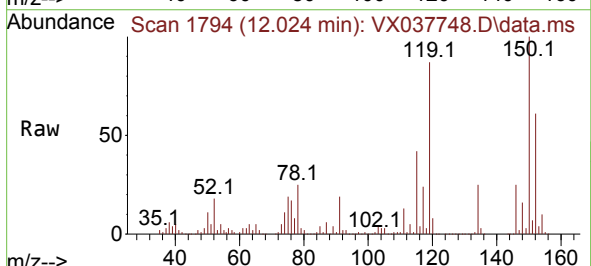
Tgt Ion:152 Resp: 231646

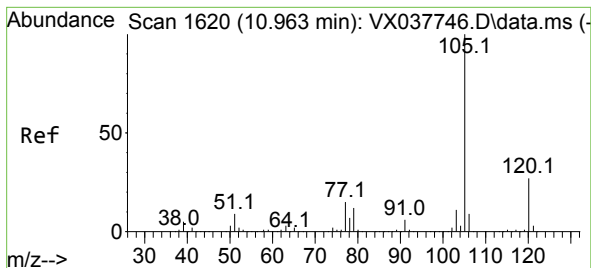
Ion Ratio Lower Upper

152 100

115 129.2 43.3 129.9

150 208.6 0.0 345.0





#73

Isopropylbenzene

Concen: 131.390 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

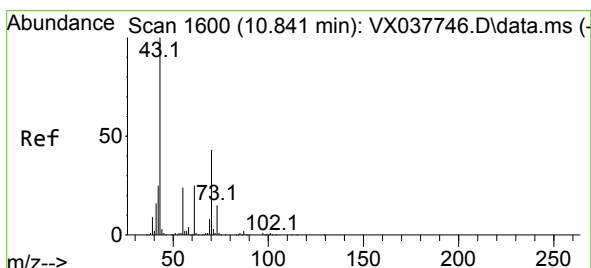
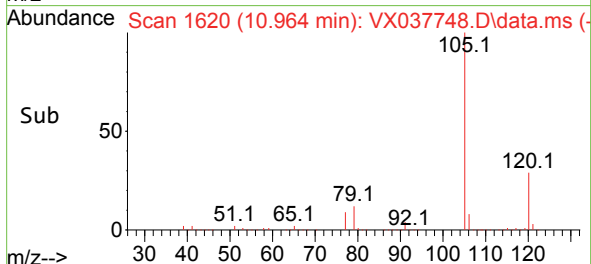
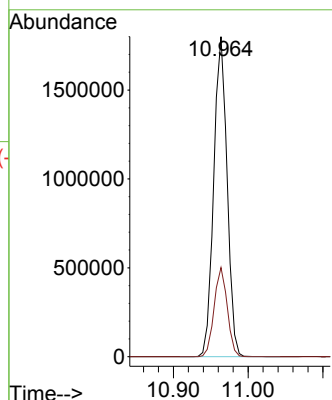
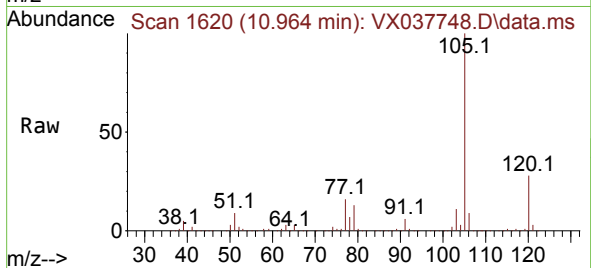
VSTDIC150

Tgt Ion:105 Resp: 2232931

Ion Ratio Lower Upper

105 100

120 27.3 12.9 38.6



#74

N-ethyl acetate

Concen: 151.334 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.006 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

Tgt Ion: 43 Resp: 1041584

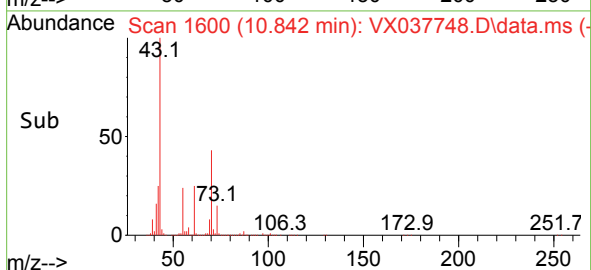
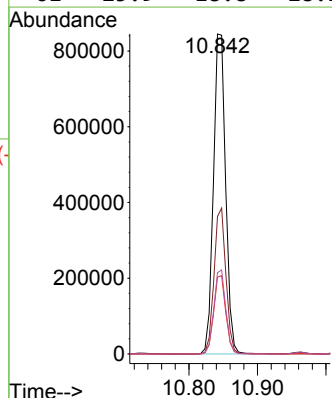
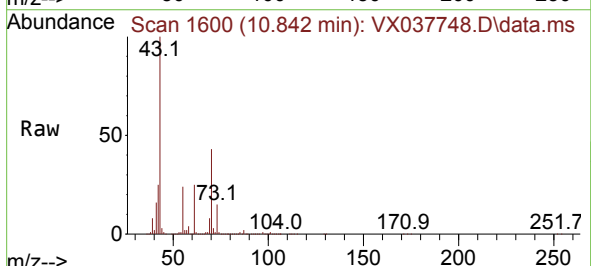
Ion Ratio Lower Upper

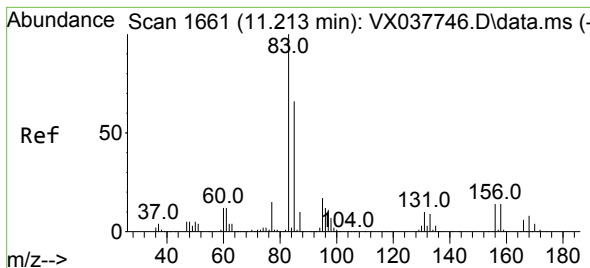
43 100

70 44.5 32.9 49.3

55 24.2 19.3 28.9

61 25.9 18.8 28.2

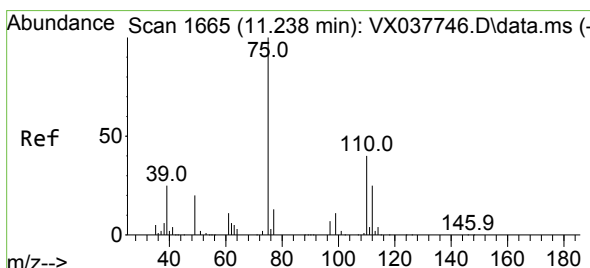
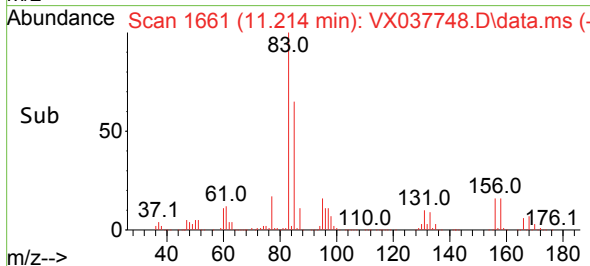
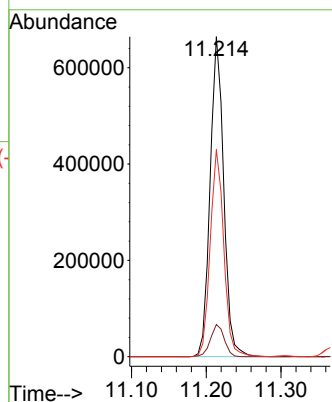
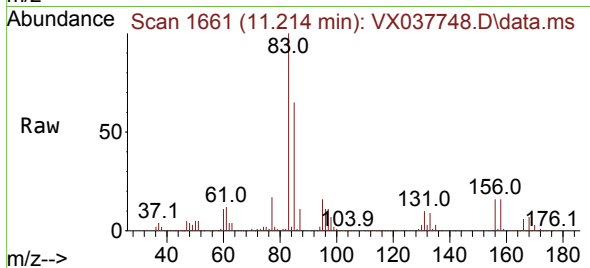




#75
1,1,2,2-Tetrachloroethane
Concen: 140.161 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

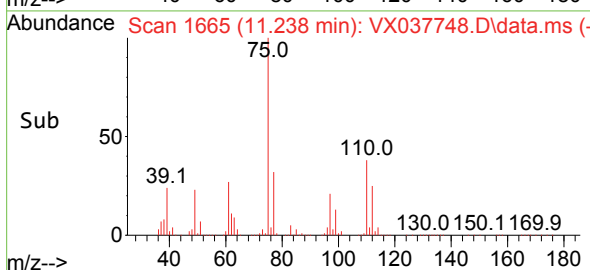
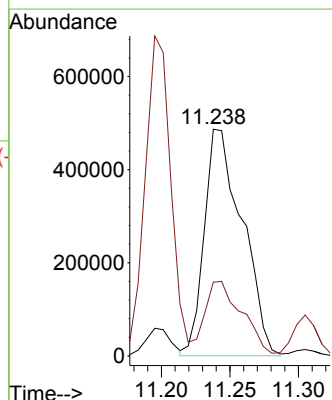
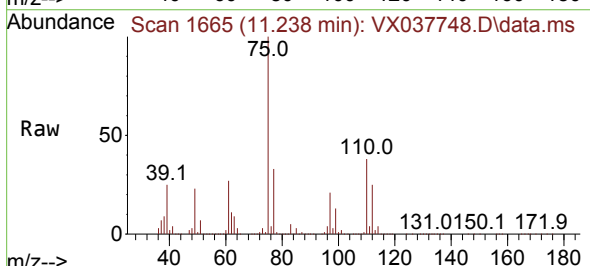
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

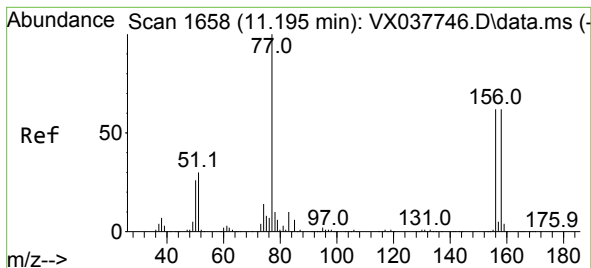
Tgt Ion: 83 Resp: 837733
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.8
85 64.7 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 165.487 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion: 75 Resp: 938128
Ion Ratio Lower Upper
75 100
77 32.4 19.1 57.5





#77

Bromobenzene

Concen: 141.212 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

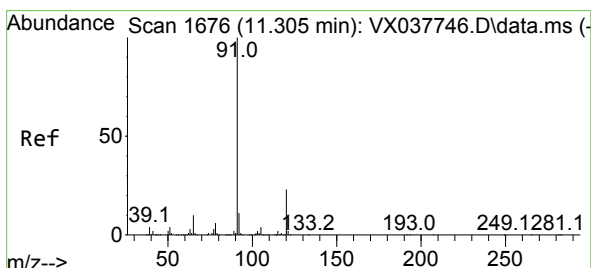
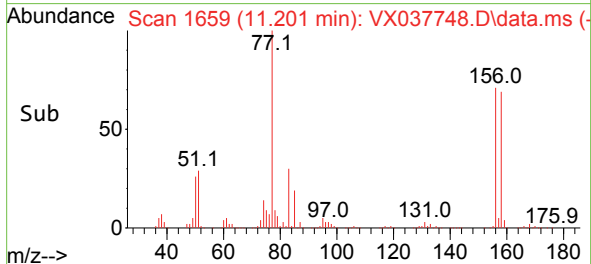
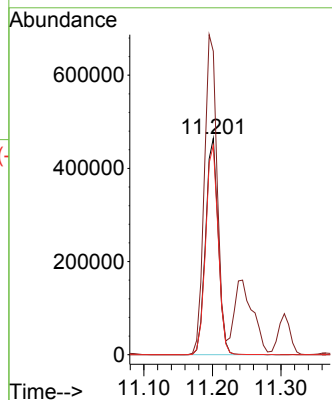
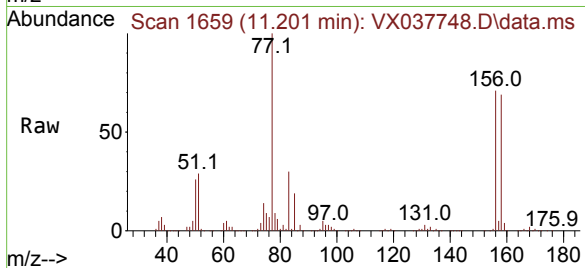
Tgt Ion:156 Resp: 593995

Ion Ratio Lower Upper

156 100

77 150.7 88.4 265.3

158 96.9 48.0 144.0



#78

n-propylbenzene

Concen: 135.308 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX037748.D

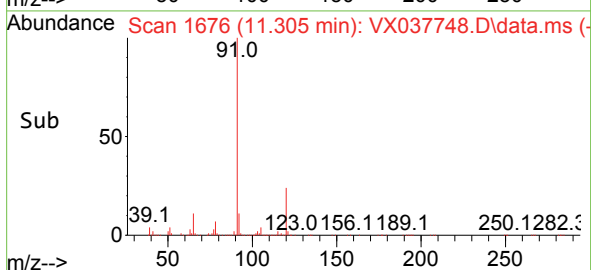
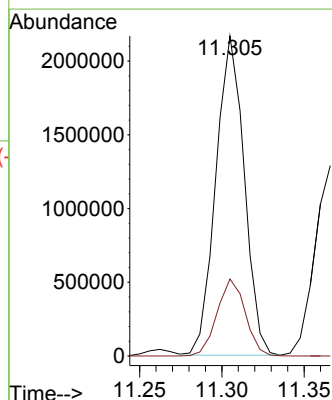
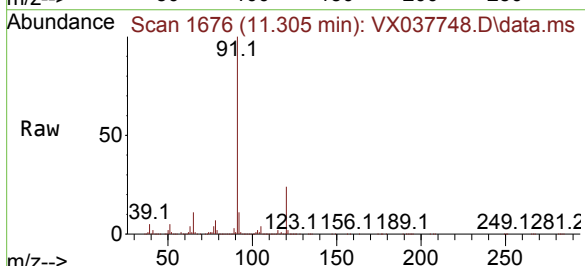
Acq: 15 Sep 2023 12:12

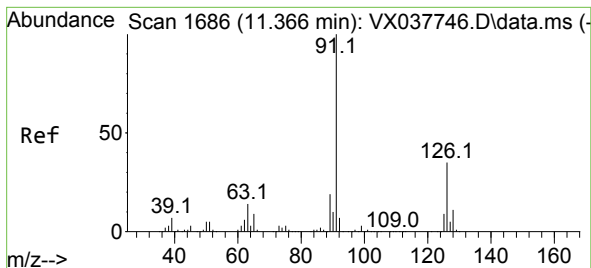
Tgt Ion: 91 Resp: 2596967

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 134.100 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

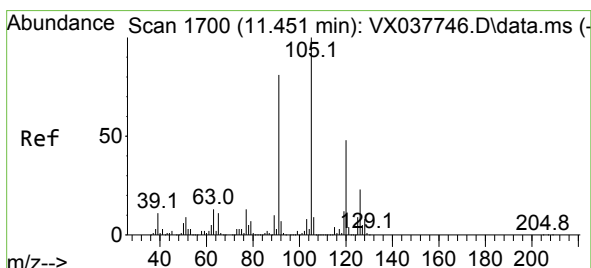
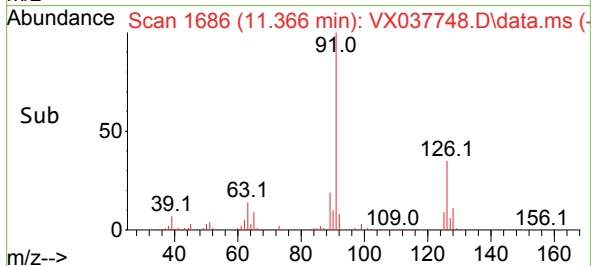
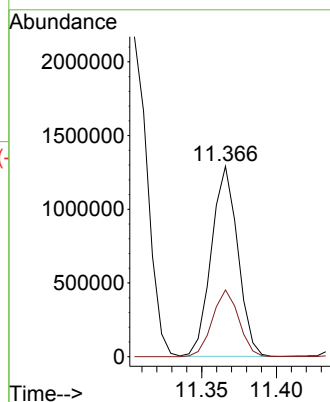
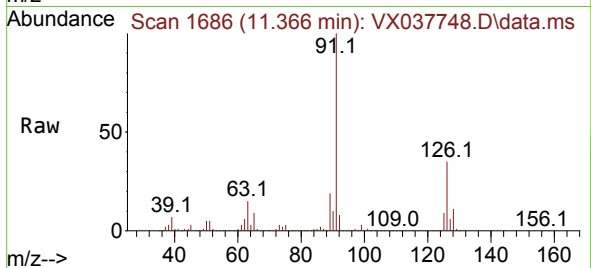
VSTDICC150

Tgt Ion: 91 Resp: 1586951

Ion Ratio Lower Upper

91 100

126 35.1 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 136.569 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX037748.D

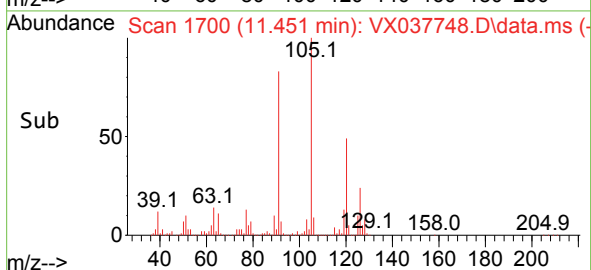
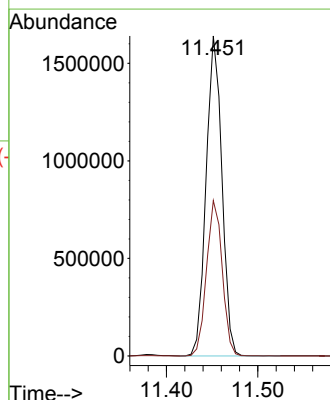
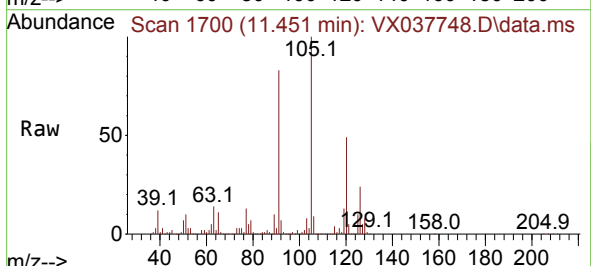
Acq: 15 Sep 2023 12:12

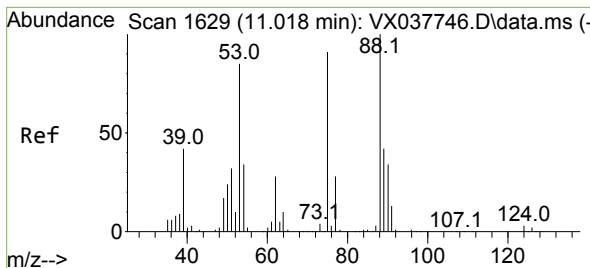
Tgt Ion: 105 Resp: 1960033

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.3

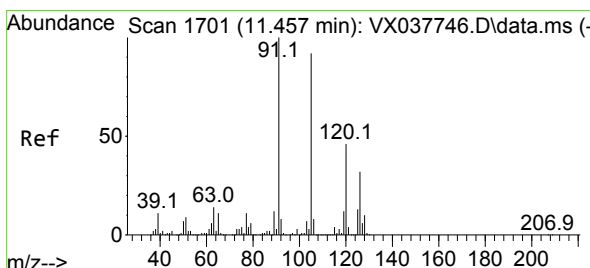
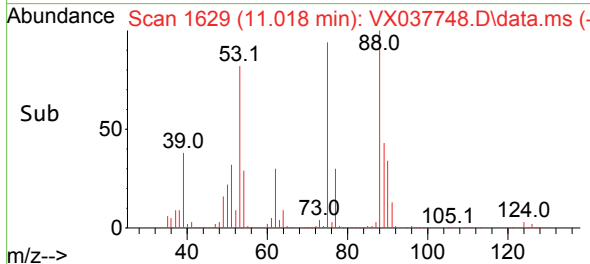
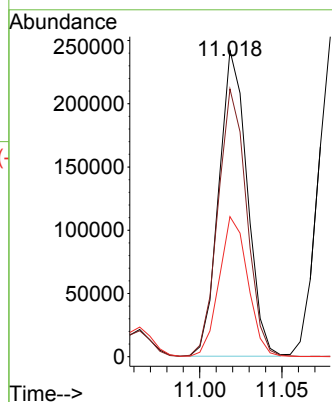
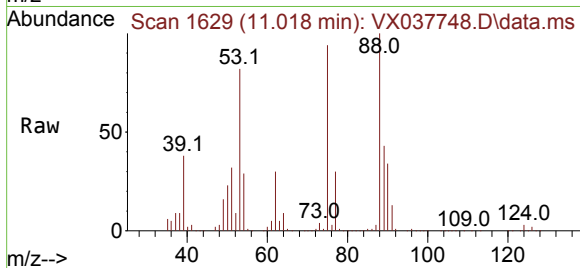




#81
trans-1,4-Dichloro-2-butene
Concen: 173.036 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

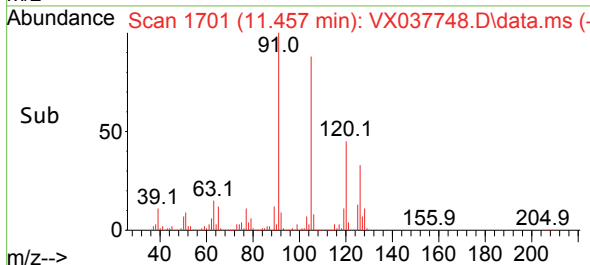
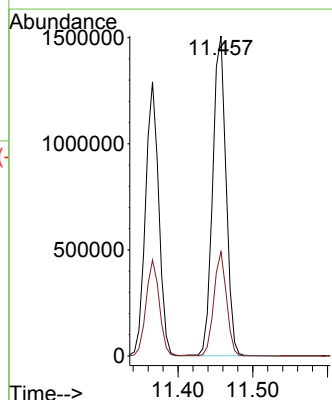
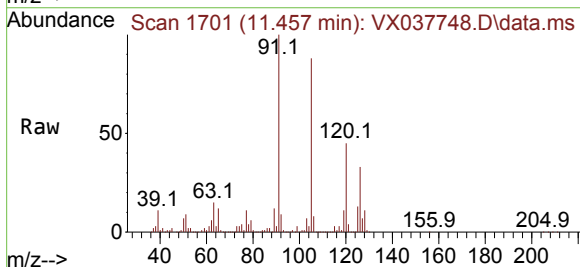
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

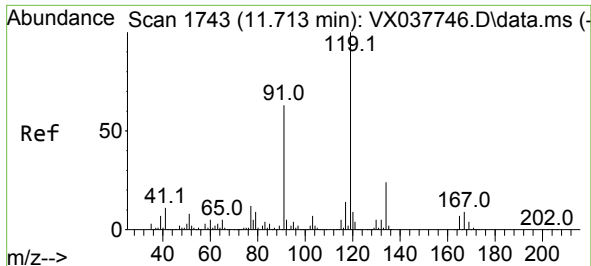
Tgt Ion: 75 Resp: 289409
Ion Ratio Lower Upper
75 100
53 88.4 90.5 135.7#
89 46.4 36.9 55.3



#82
4-Chlorotoluene
Concen: 140.432 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX037748.D
Acq: 15 Sep 2023 12:12

Tgt Ion: 91 Resp: 1870977
Ion Ratio Lower Upper
91 100
126 31.0 14.2 42.6

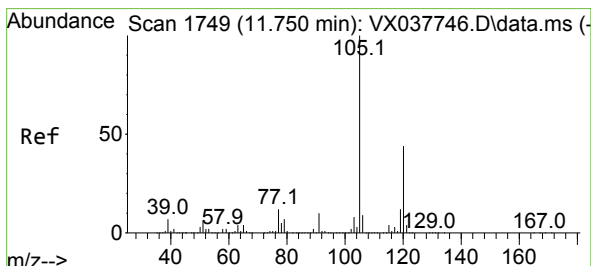
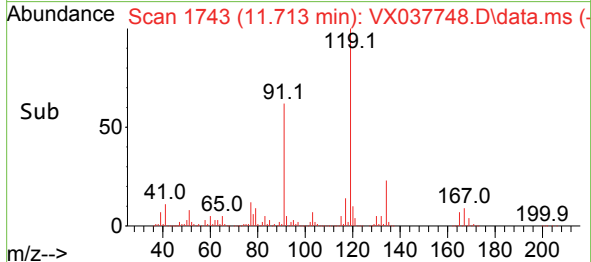
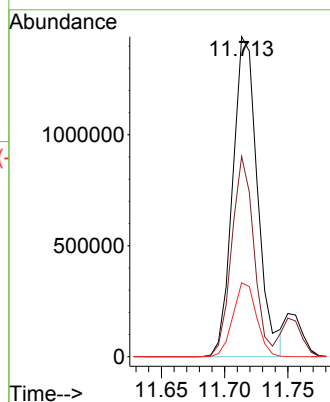
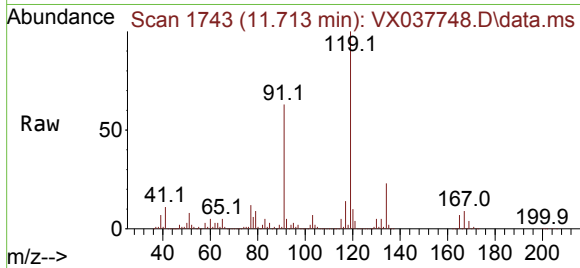




#83
 tert-Butylbenzene
 Concen: 136.257 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX037748.D
 Acq: 15 Sep 2023 12:12

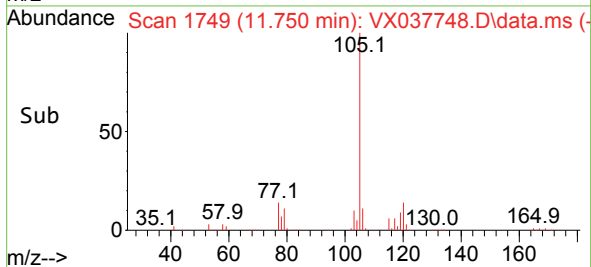
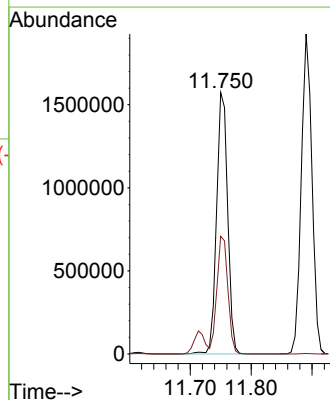
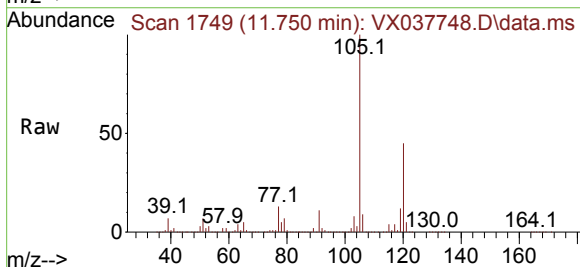
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

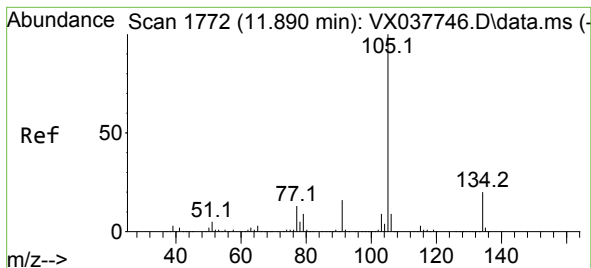
Tgt Ion:119 Resp: 1976445
 Ion Ratio Lower Upper
 119 100
 91 56.0 31.2 93.6
 134 21.9 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 138.655 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.006 min
 Lab File: VX037748.D
 Acq: 15 Sep 2023 12:12

Tgt Ion:105 Resp: 1979932
 Ion Ratio Lower Upper
 105 100
 120 44.5 21.2 63.6





#85

sec-Butylbenzene

Concen: 133.245 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

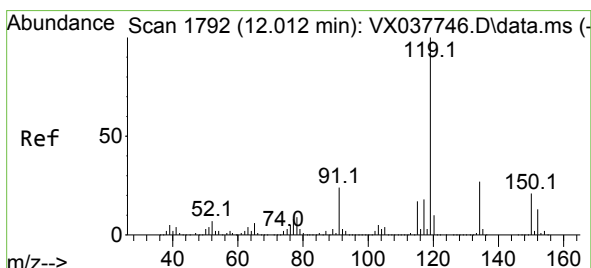
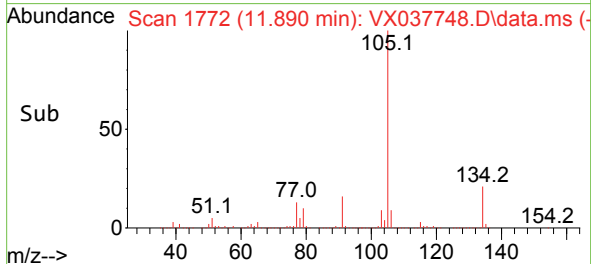
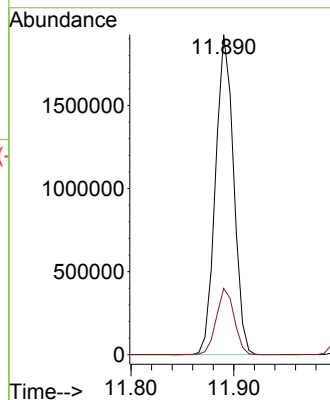
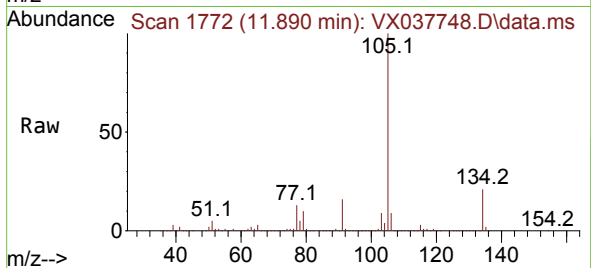
VSTDIC150

Tgt Ion:105 Resp: 2344795

Ion Ratio Lower Upper

105 100

134 20.6 9.8 29.4



#86

p-Isopropyltoluene

Concen: 138.430 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

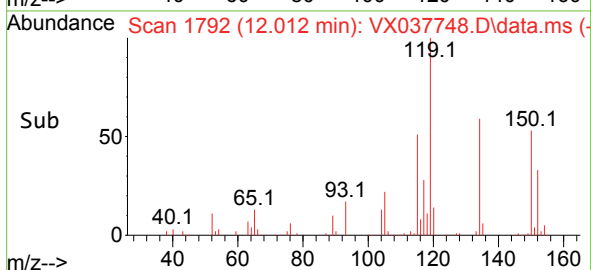
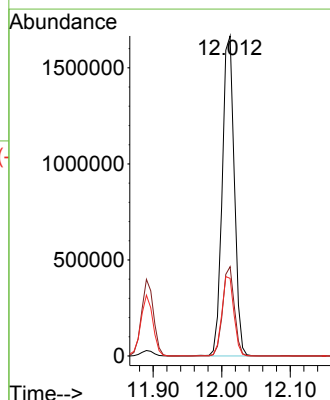
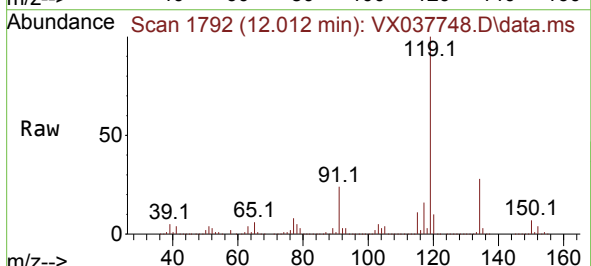
Tgt Ion:119 Resp: 2026369

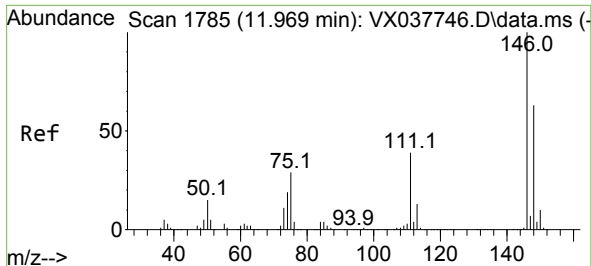
Ion Ratio Lower Upper

119 100

134 27.0 12.8 38.3

91 24.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 144.086 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

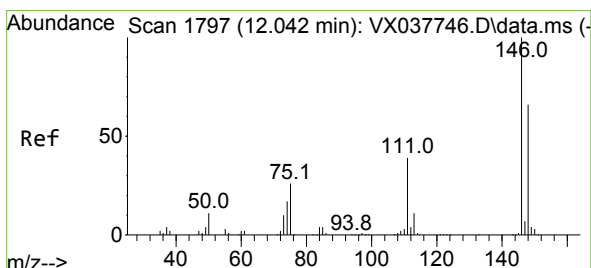
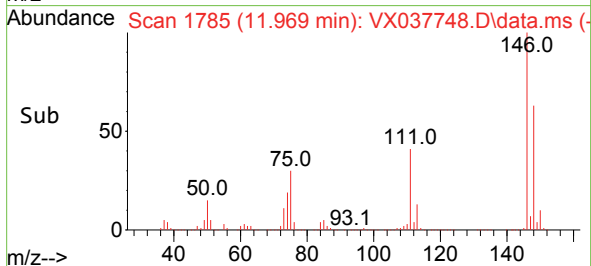
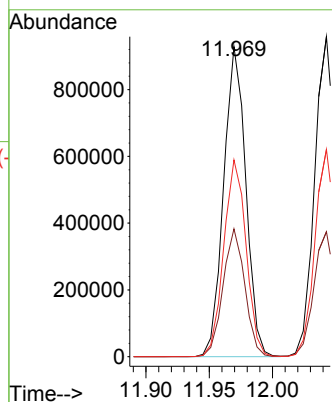
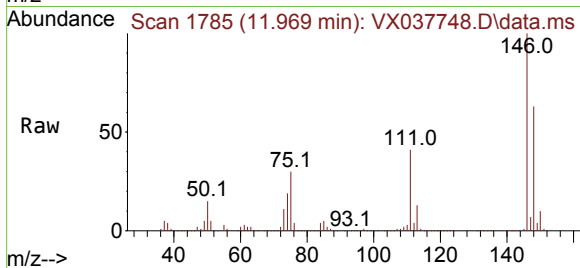
Tgt Ion:146 Resp: 1129782

Ion Ratio Lower Upper

146 100

111 40.5 22.1 66.1

148 64.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 144.090 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

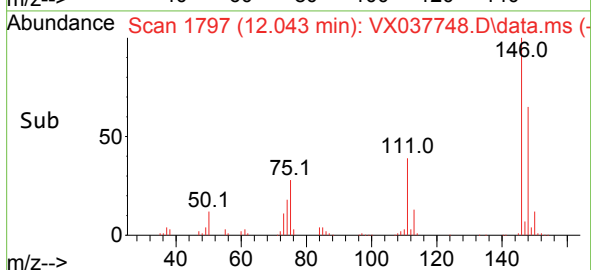
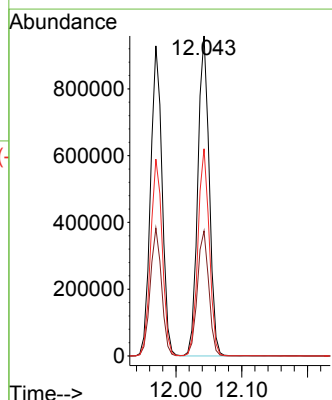
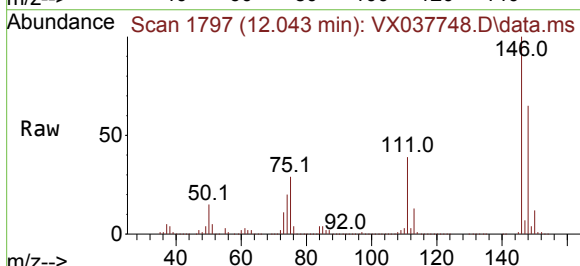
Tgt Ion:146 Resp: 1152762

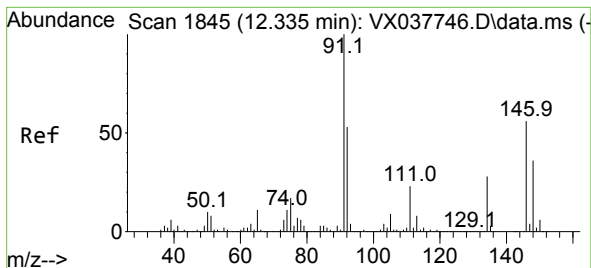
Ion Ratio Lower Upper

146 100

111 39.1 21.3 63.7

148 64.0 31.8 95.4





#89

n-Butylbenzene

Concen: 147.018 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

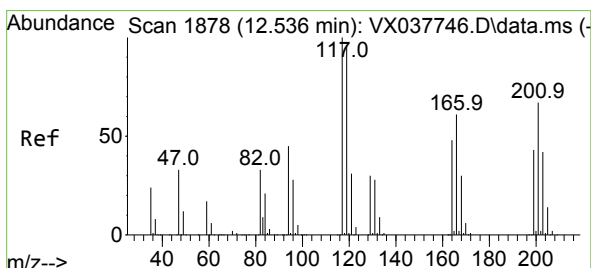
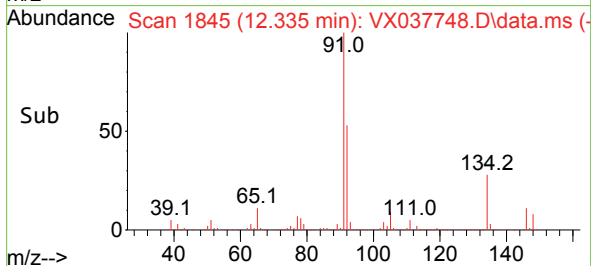
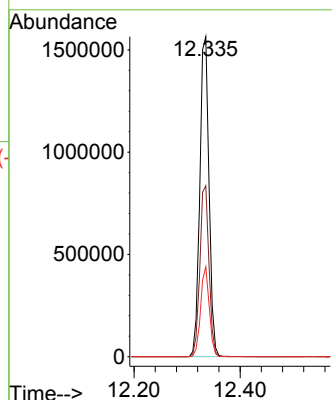
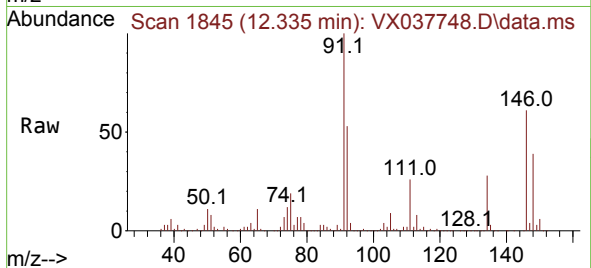
Tgt Ion: 91 Resp: 1888292

Ion Ratio Lower Upper

91 100

92 53.2 27.4 82.0

134 26.6 12.6 37.8



#90

Hexachloroethane

Concen: 154.754 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX037748.D

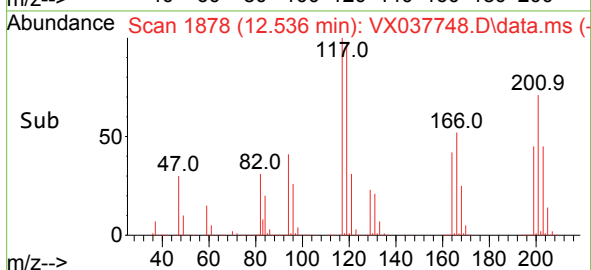
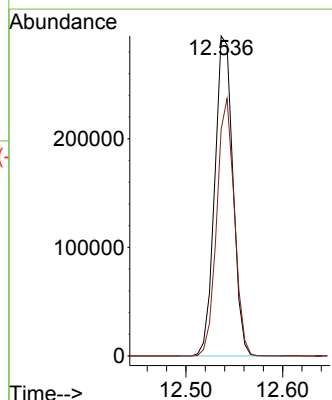
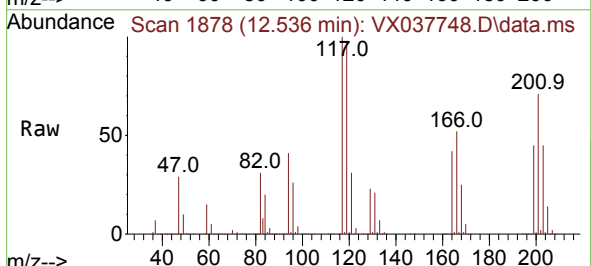
Acq: 15 Sep 2023 12:12

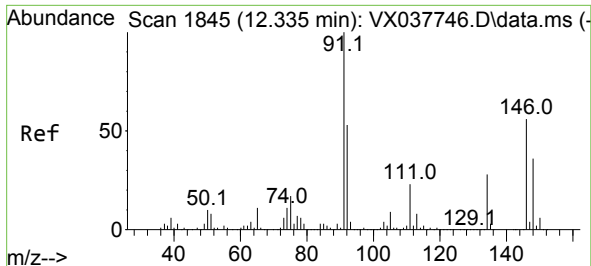
Tgt Ion:117 Resp: 384433

Ion Ratio Lower Upper

117 100

201 77.9 32.9 98.6

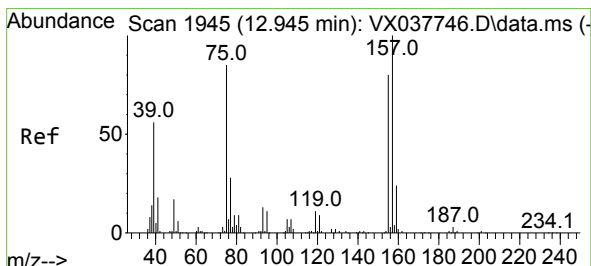
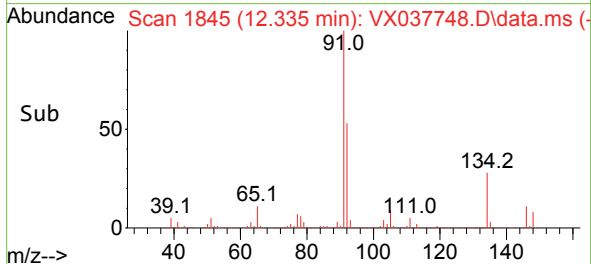
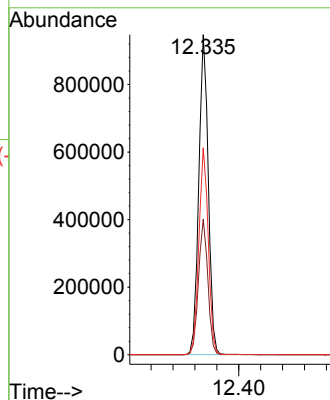
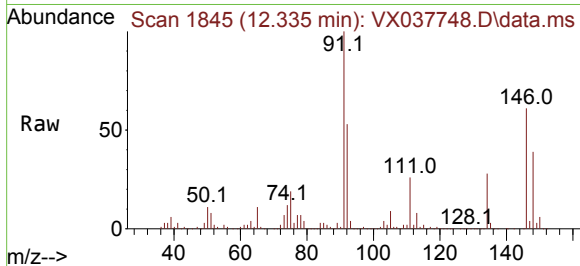




#91
 1,2-Dichlorobenzene
 Concen: 142.526 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX037748.D
 Acq: 15 Sep 2023 12:12

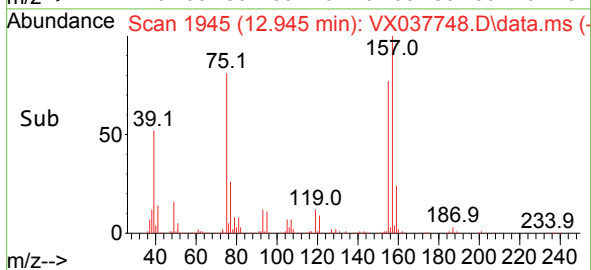
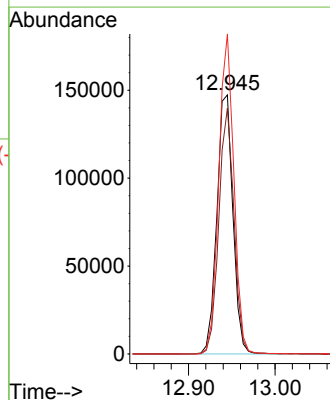
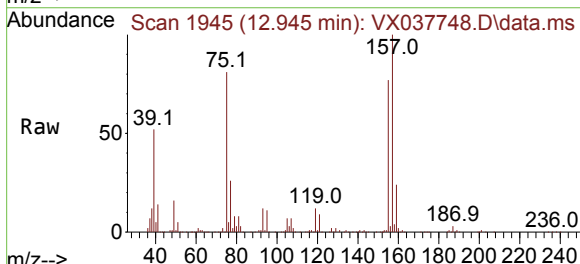
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

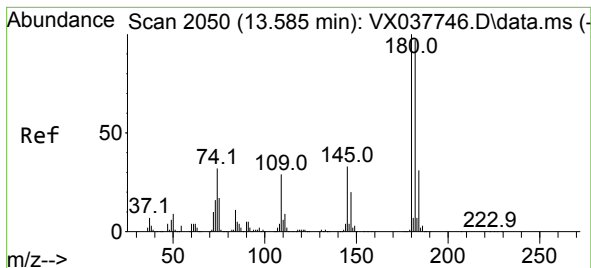
Tgt Ion:146 Resp: 1141006
 Ion Ratio Lower Upper
 146 100
 111 42.1 22.4 67.0
 148 64.3 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 159.109 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VX037748.D
 Acq: 15 Sep 2023 12:12

Tgt Ion: 75 Resp: 189565
 Ion Ratio Lower Upper
 75 100
 155 89.8 36.1 108.5
 157 116.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 163.296 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

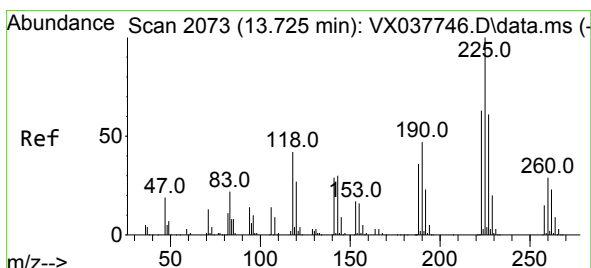
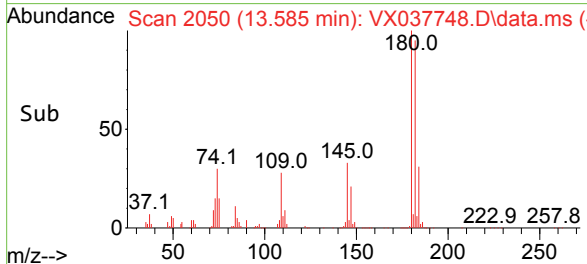
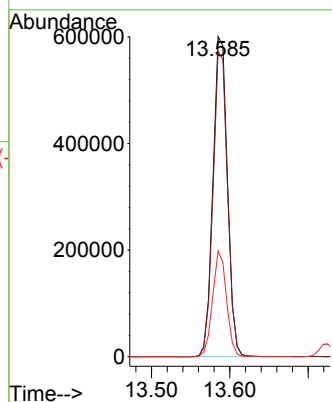
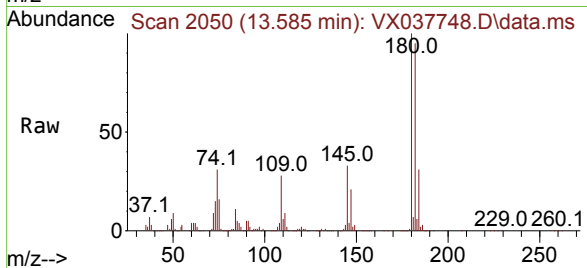
Tgt Ion:180 Resp: 770058

Ion Ratio Lower Upper

180 100

182 95.2 48.3 144.8

145 31.7 18.0 54.0



#94

Hexachlorobutadiene

Concen: 141.259 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

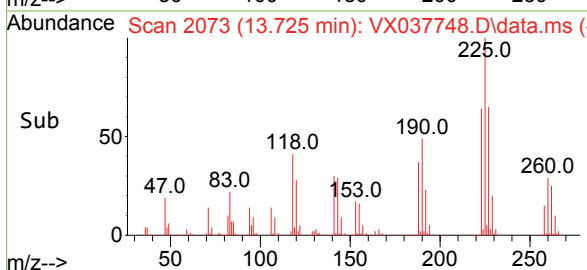
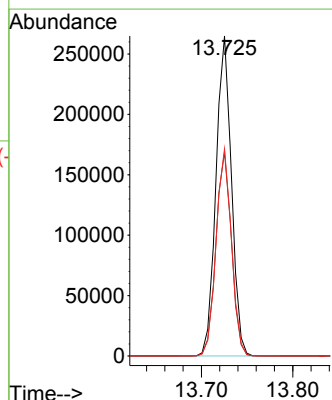
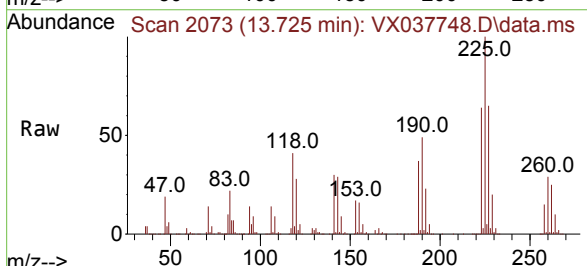
Tgt Ion:225 Resp: 310871

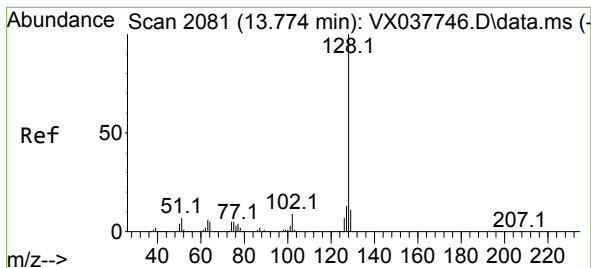
Ion Ratio Lower Upper

225 100

223 63.9 31.1 93.2

227 64.4 32.5 97.5





#95

Naphthalene

Concen: 155.438 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

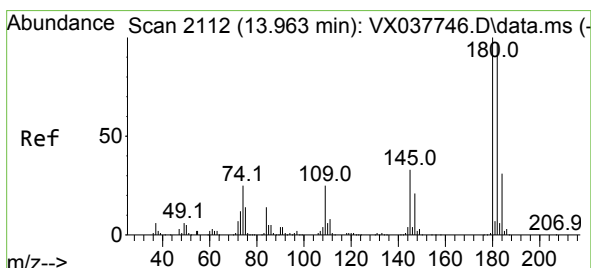
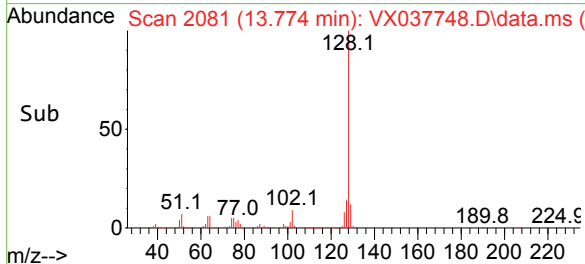
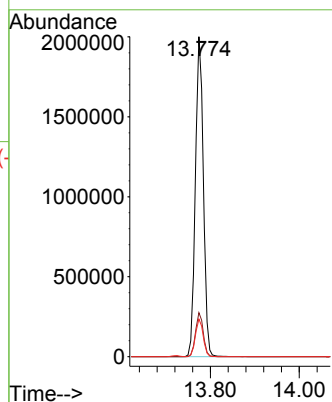
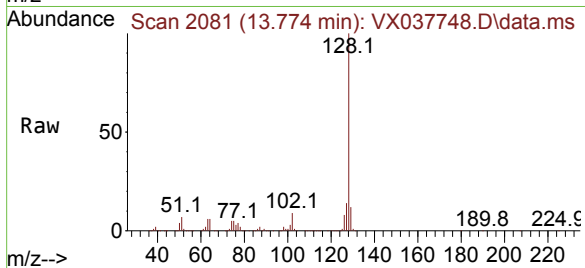
Tgt Ion:128 Resp: 2479011

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.4 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 158.223 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX037748.D

Acq: 15 Sep 2023 12:12

Tgt Ion:180 Resp: 767841

Ion Ratio Lower Upper

180 100

182 96.1 46.9 140.6

145 33.1 17.8 53.5

