

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
 Data File : VX037933.D
 Acq On : 27 Sep 2023 19:36
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 28 05:46:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Sep 28 03:42:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	46714	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	262636	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	255033	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	100349	29.801	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.333%
60) 4-Bromofluorobenzene	11.079	95	127793	30.738	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.467%
63) Toluene-d8	8.653	98	329226	29.904	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.667%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	232516	94.950	ug/l	100
3) Chloromethane	1.294	50	250615	95.560	ug/l	95
4) Vinyl Chloride	1.374	62	280347	95.490	ug/l	97
5) Bromomethane	1.599	94	213182	94.257	ug/l	98
6) Chloroethane	1.678	64	164580	83.471	ug/l	94
7) Trichlorofluoromethane	1.886	101	464150	95.776	ug/l	100
8) Diethyl Ether	2.136	74	172894	96.702	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	238049	96.347	ug/l	99
10) 1,1-Dichloroethene	2.319	96	235431	97.342	ug/l	93
11) Methyl Iodide	2.453	142	328587	100.383	ug/l	98
12) Methyl Acetate	2.703	43	478094	97.253	ug/l	97
13) Acrolein	2.233	56	283335	499.451	ug/l	96
14) Acrylonitrile	3.062	53	665754	490.495	ug/l	98
15) Acetone	2.380	58	183411	467.161	ug/l	87
16) Carbon Disulfide	2.514	76	599122	101.515	ug/l	97
17) Allyl chloride	2.666	41	365661	98.753	ug/l	94
18) Methylene Chloride	2.788	84	276653	95.438	ug/l	95
19) trans-1,2-Dichloroethene	3.093	96	265636	97.446	ug/l	94
20) Diisopropyl ether	3.757	45	774688	97.999	ug/l	90
21) 1,1-Dichloroethane	3.611	63	465199	97.401	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	318107	98.282	ug/l	95
23) tert-Butyl Alcohol	2.965	59	282259	498.555	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	818081	97.724	ug/l	96
25) Chloroform	5.092	83	513732	97.806	ug/l	98
26) Cyclohexane	5.470	56	396690	97.596	ug/l #	96
29) 1,1-Dichloropropene	5.696	75	373027	98.255	ug/l	97
30) 2-Butanone	4.556	43	885057	485.762	ug/l	96
31) 2,2-Dichloropropane	4.477	77	380776	99.557	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	452929	99.562	ug/l	97
33) Carbon Tetrachloride	5.678	117	400066	102.732	ug/l	98
34) Benzene	6.037	78	1101536	97.126	ug/l	97
35) Methacrylonitrile	4.916	41	190738	99.573	ug/l	95
36) 1,2-Dichloroethane	6.086	62	385435	96.072	ug/l	98
37) Trichloroethene	7.123	130	306624	98.003	ug/l	95
38) Methylcyclohexane	7.379	83	471858	98.882	ug/l	95
39) 1,2-Dichloropropane	7.427	63	282121	97.233	ug/l	97
40) Dibromomethane	7.580	93	210985	98.546	ug/l	96
41) Bromodichloromethane	7.824	83	400254	102.397	ug/l	99
42) Vinyl Acetate	3.721	43	2862007	498.294	ug/l	97

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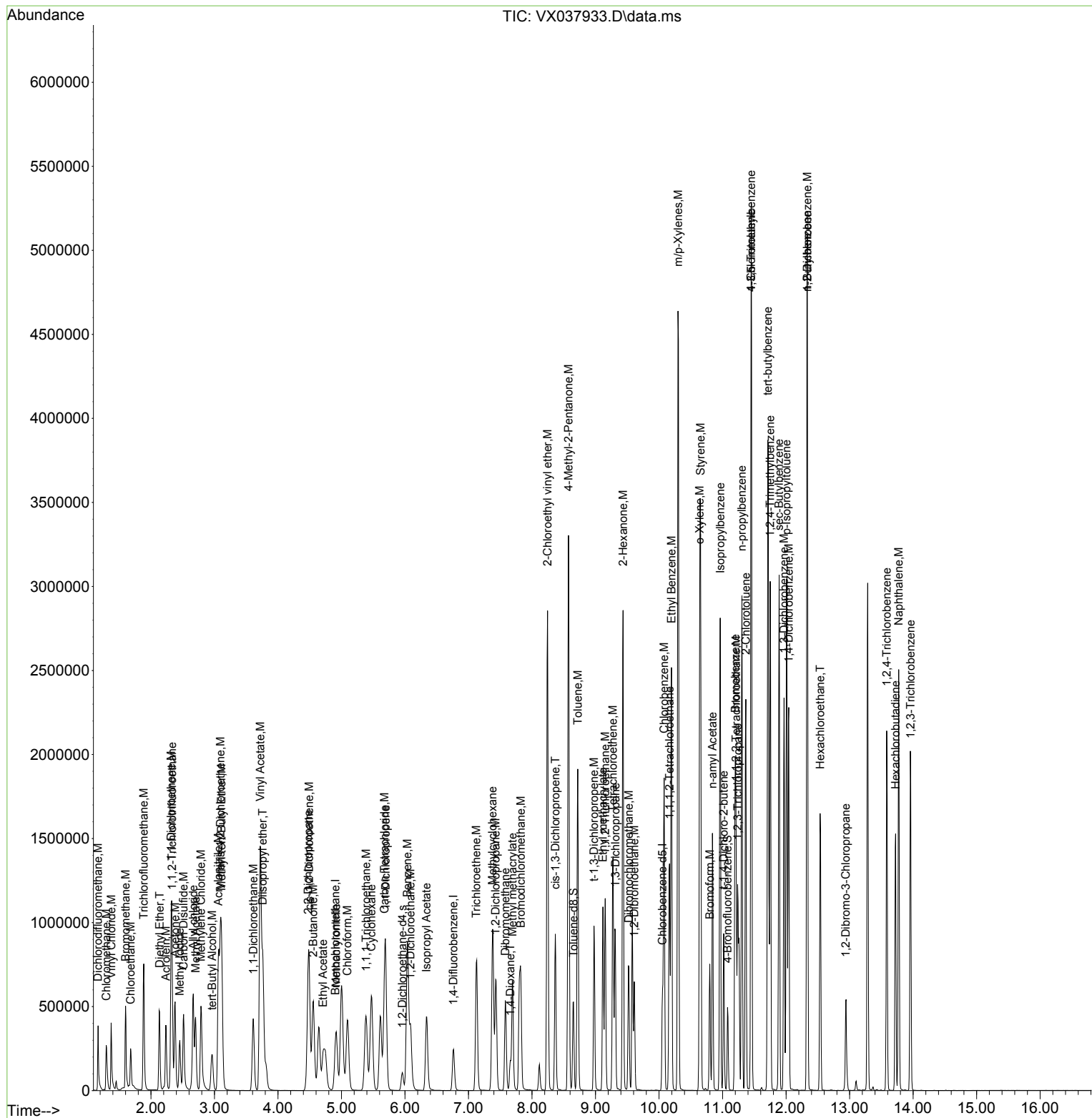
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	356209	98.894	ug/l	97
44) Isopropyl Acetate	6.336	43	598155	100.380	ug/l	96
45) 1,4-Dioxane	7.659	88	138983	2024.021	ug/l #	1
46) Methyl methacrylate	7.690	41	287450	101.479	ug/l	93
47) n-amyl Acetate	10.841	43	586519	104.618	ug/l	97
48) t-1,3-Dichloropropene	8.976	75	445410	104.893	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	469374	102.928	ug/l	94
50) 1,1,2-Trichloroethane	9.153	97	301426	98.520	ug/l	97
51) Ethyl methacrylate	9.116	69	457999	101.594	ug/l	96
52) 1,3-Dichloropropane	9.311	76	483239	98.461	ug/l	100
53) Dibromochloromethane	9.525	129	334323	106.026	ug/l	100
54) 1,2-Dibromoethane	9.610	107	330185	99.452	ug/l	98
55) 2-Chloroethyl vinyl ether	8.244	63	1131970	515.098	ug/l	97
56) Bromoform	10.799	173	260842	109.985	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	1821851	487.991	ug/l	94
59) 2-Hexanone	9.433	43	1411319	497.780	ug/l	94
61) Tetrachloroethene	9.275	164	261727	96.434	ug/l	98
62) Toluene	8.720	91	1259799	95.228	ug/l	98
64) Chlorobenzene	10.079	112	806389	97.713	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	304515	101.653	ug/l	98
66) Ethyl Benzene	10.195	91	1430025	97.943	ug/l	96
67) m/p-Xylenes	10.299	106	1125919	195.755	ug/l	99
68) o-Xylene	10.640	106	556798	99.967	ug/l	100
69) Styrene	10.652	104	948767	101.536	ug/l	97
70) Isopropylbenzene	10.963	105	1456695	98.546	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	485631	99.682	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	533725	124.772	ug/l	89
73) Bromobenzene	11.201	156	376662	100.462	ug/l	92
74) n-propylbenzene	11.305	91	1745530	98.843	ug/l	99
75) 2-Chlorotoluene	11.366	91	1027510	99.385	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	1286515	100.926	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	155279	114.617	ug/l	87
78) 4-Chlorotoluene	11.451	91	1211400	99.884	ug/l	97
79) tert-butylbenzene	11.713	119	1275279	101.647	ug/l	96
80) 1,2,4-Trimethylbenzene	11.750	105	1276930	100.768	ug/l	100
81) sec-Butylbenzene	11.890	105	1626378	100.802	ug/l	100
82) p-Isopropyltoluene	12.006	119	1381038	101.954	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	734676	101.413	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	744111	101.366	ug/l	99
85) n-Butylbenzene	12.335	91	1313209	103.618	ug/l	99
86) Hexachloroethane	12.536	117	243139	110.171	ug/l	93
87) 1,2-Dichlorobenzene	12.335	146	711091	99.625	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.939	75	100976	104.060	ug/l	83
89) 1,2,4-Trichlorobenzene	13.585	180	489284	100.754	ug/l	99
90) Hexachlorobutadiene	13.725	225	216622	101.538	ug/l	97
91) Naphthalene	13.774	128	1491175	101.245	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	480494	101.631	ug/l	99

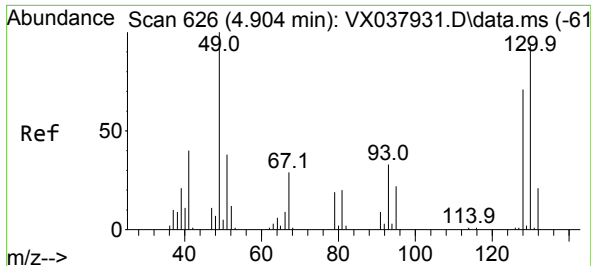
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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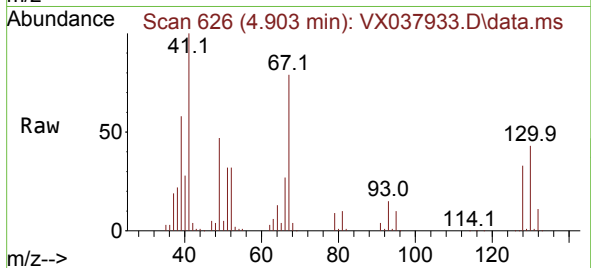
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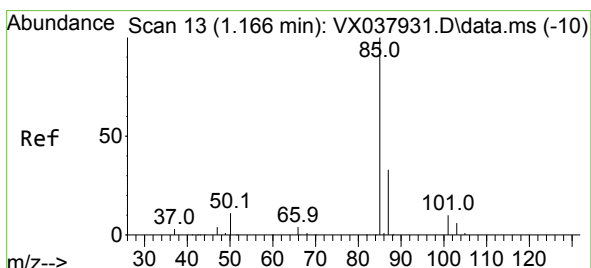
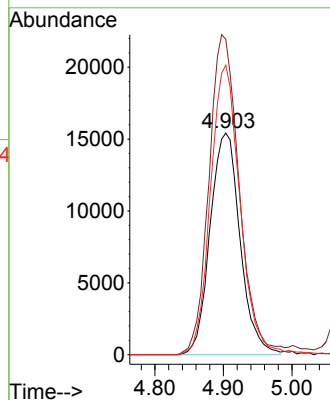
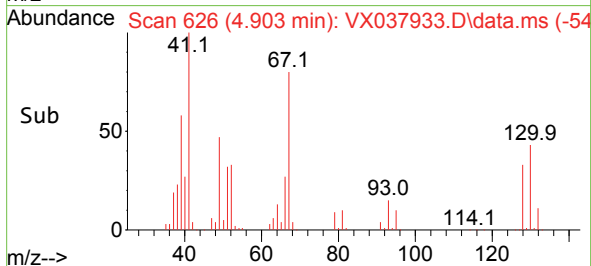


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
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ClientSampleId :

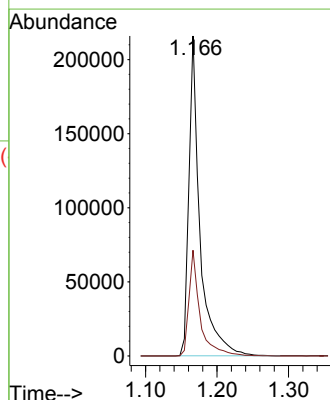
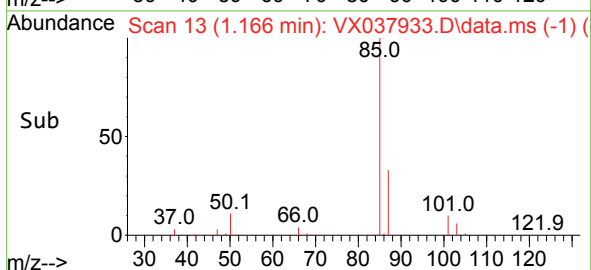
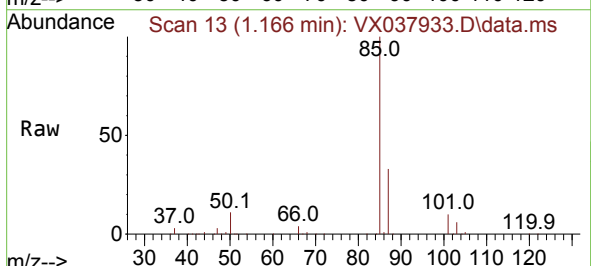


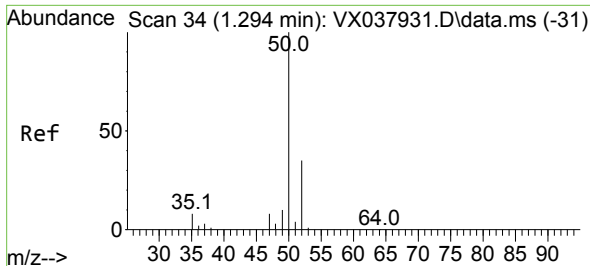
Tgt Ion:128 Resp: 46714
Ion Ratio Lower Upper
128 100
49 146.2 0.0 406.3
130 128.6 0.0 328.0



#2
Dichlorodifluoromethane
Concen: 94.950 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

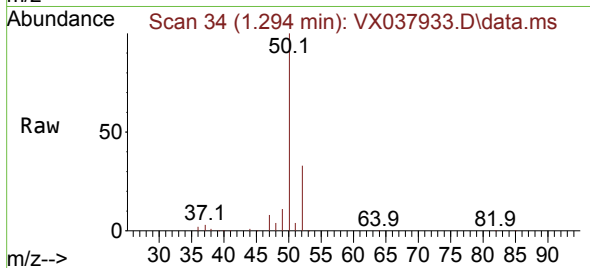
Tgt Ion: 85 Resp: 232516
Ion Ratio Lower Upper
85 100
87 33.1 16.4 49.4



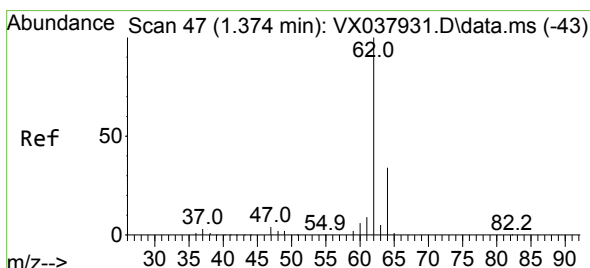
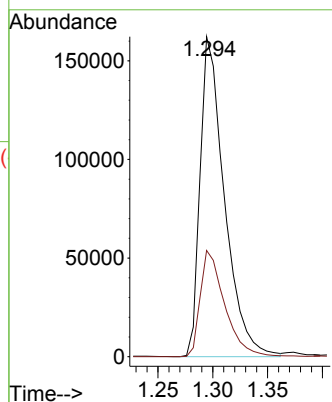
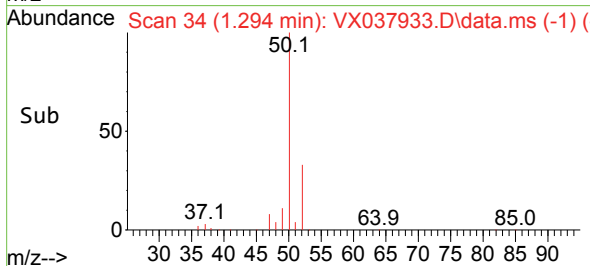


#3
Chloromethane
Concen: 95.560 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Instrument :
MSVOA_X
ClientSampleId :

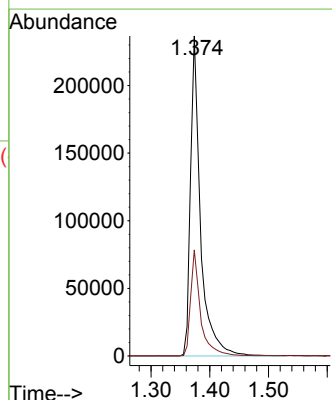
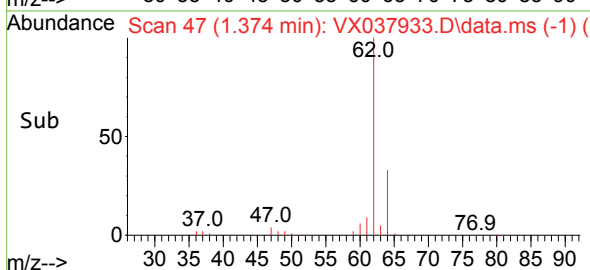
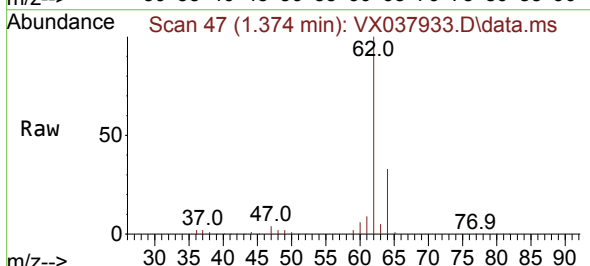


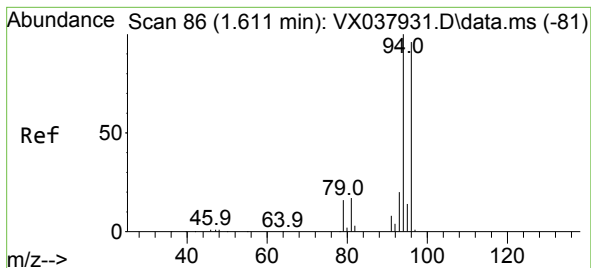
Tgt Ion: 50 Resp: 250615
Ion Ratio Lower Upper
50 100
52 33.2 24.5 36.7



#4
Vinyl Chloride
Concen: 95.490 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion: 62 Resp: 280347
Ion Ratio Lower Upper
62 100
64 33.1 25.3 37.9





#5

Bromomethane

Concen: 94.257 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.012 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

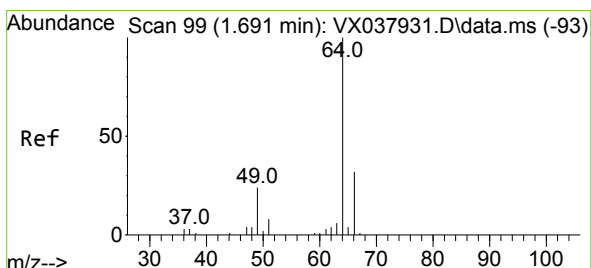
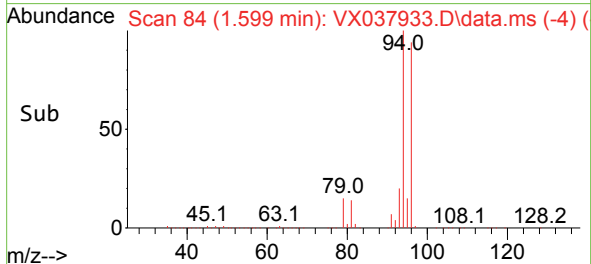
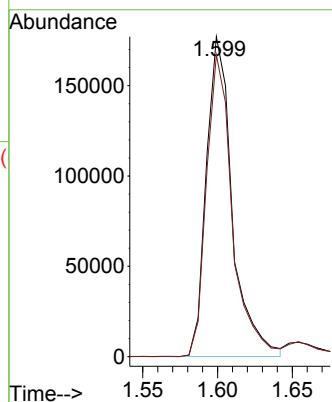
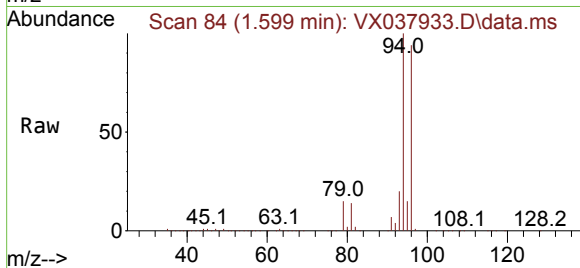
ClientSampleId :

Tgt Ion: 94 Resp: 213182

Ion Ratio Lower Upper

94 100

96 94.4 77.4 116.2



#6

Chloroethane

Concen: 83.471 ug/l

RT: 1.678 min Scan# 97

Delta R.T. -0.012 min

Lab File: VX037933.D

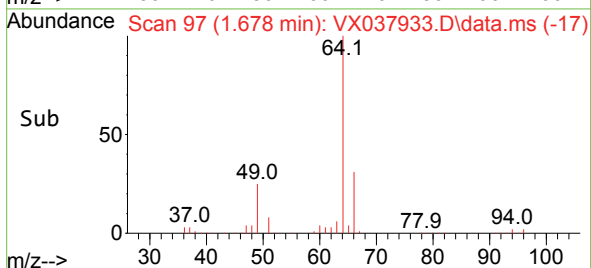
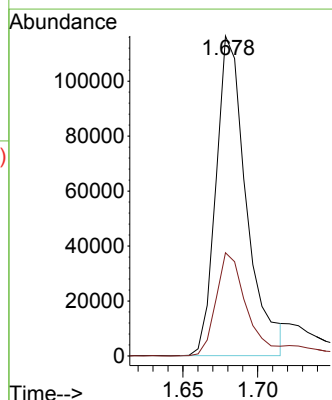
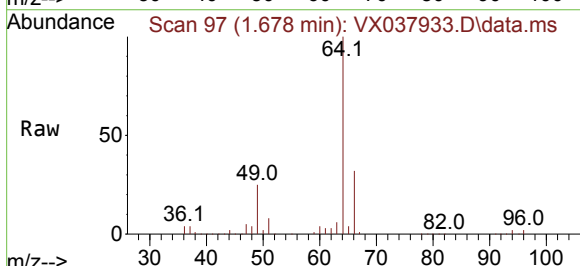
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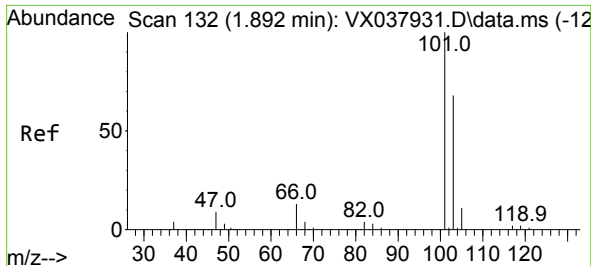
Tgt Ion: 64 Resp: 164580

Ion Ratio Lower Upper

64 100

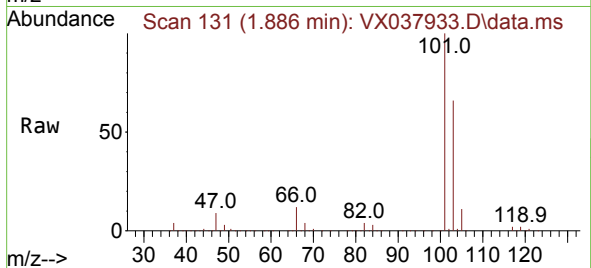
66 32.2 23.1 34.7



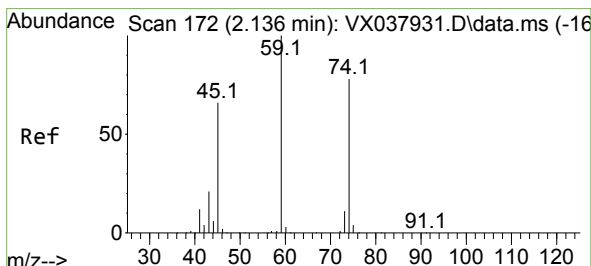
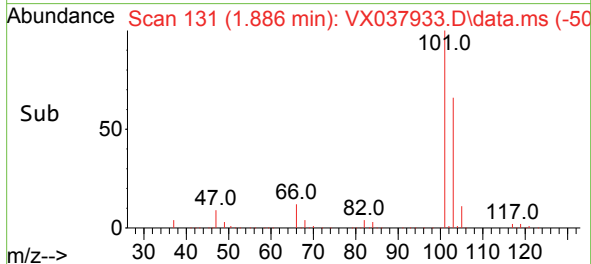
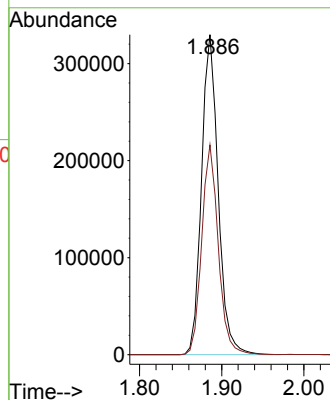


#7
 Trichlorofluoromethane
 Concen: 95.776 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.006 min
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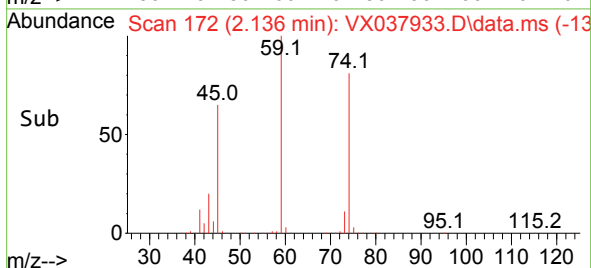
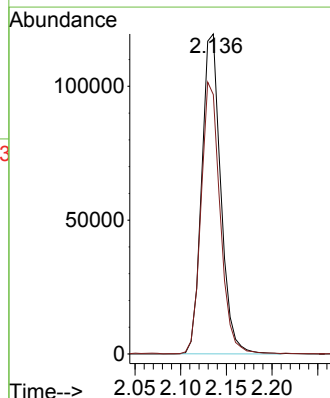
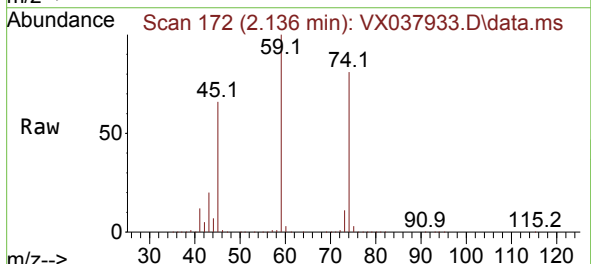


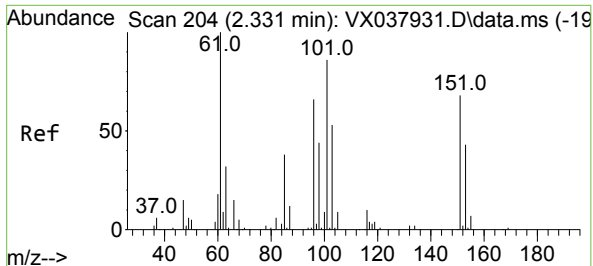
Tgt Ion:101 Resp: 464150
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.2 78.2



#8
 Diethyl Ether
 Concen: 96.702 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX037933.D
 Acq: 27 Sep 2023 19:36

Tgt Ion: 74 Resp: 172894
 Ion Ratio Lower Upper
 74 100
 45 84.9 19.9 178.9

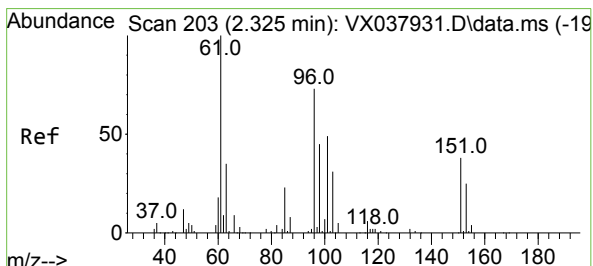
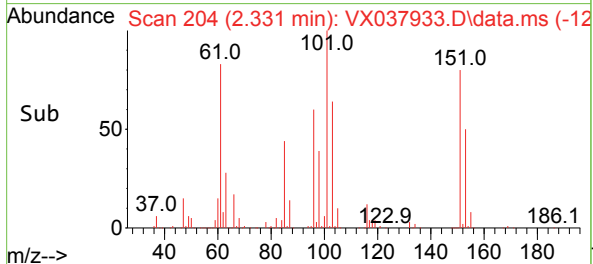
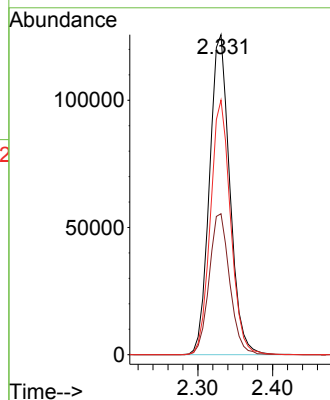
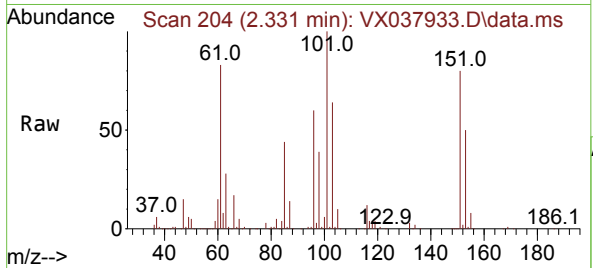




#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.347 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
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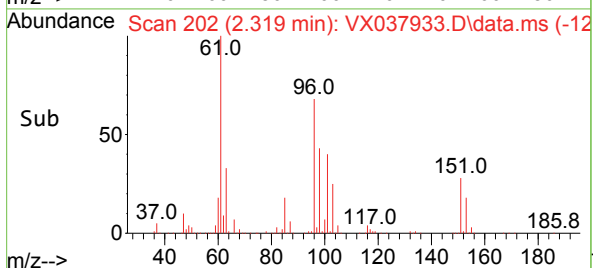
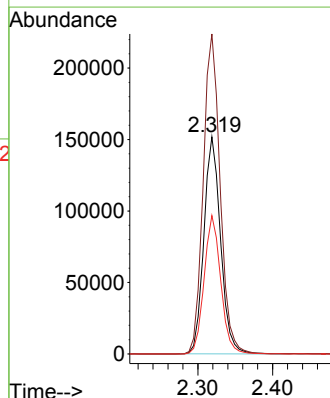
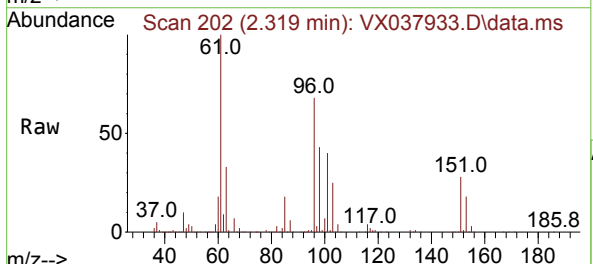
Instrument :
MSVOA_X
ClientSampleId :

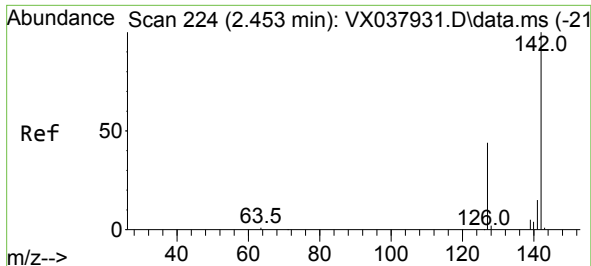
Tgt Ion:101 Resp: 238049
Ion Ratio Lower Upper
101 100
85 44.6 0.0 91.0
151 78.9 0.0 155.4



#10
1,1-Dichloroethene
Concen: 97.342 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

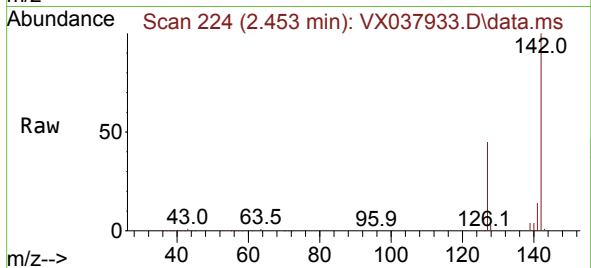
Tgt Ion: 96 Resp: 235431
Ion Ratio Lower Upper
96 100
61 147.4 127.2 190.8
98 63.8 52.7 79.1



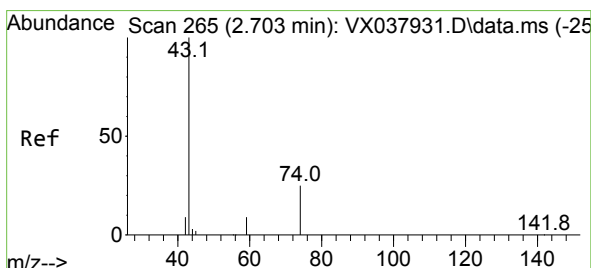
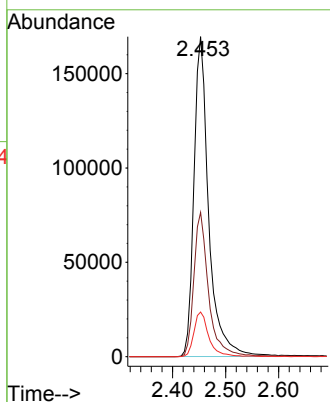
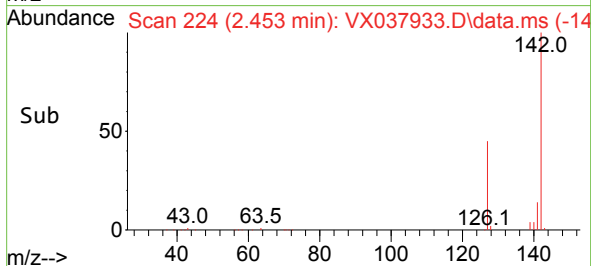


#11
Methyl Iodide
Concen: 100.383 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Instrument :
MSVOA_X
ClientSampleId :

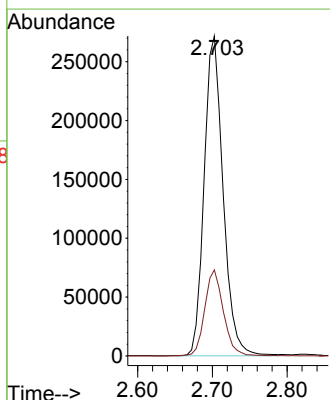
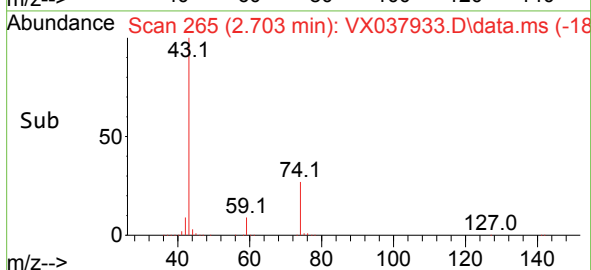
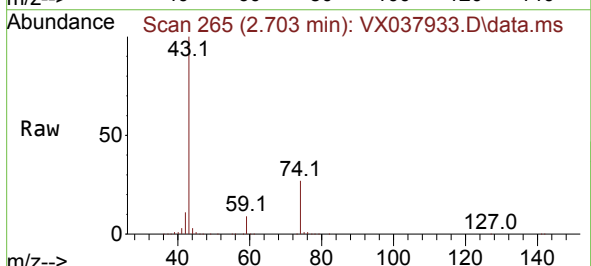


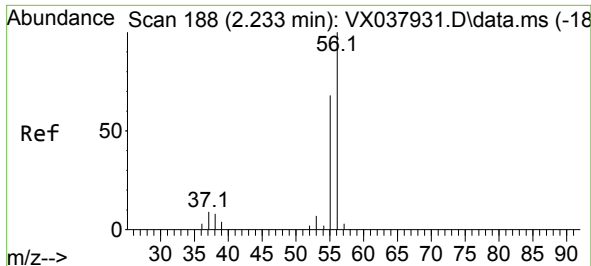
Tgt Ion:142 Resp: 328587
Ion Ratio Lower Upper
142 100
127 45.1 22.9 68.8
141 14.0 7.5 22.6



#12
Methyl Acetate
Concen: 97.253 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

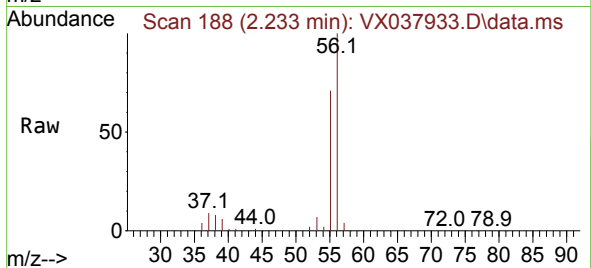
Tgt Ion: 43 Resp: 478094
Ion Ratio Lower Upper
43 100
74 26.9 20.3 30.5



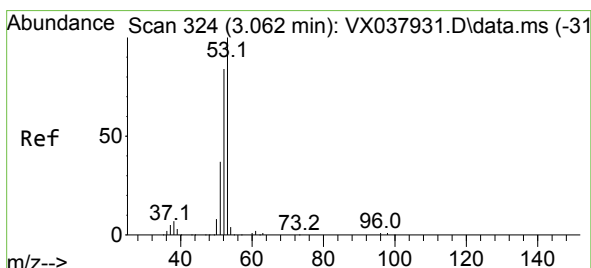
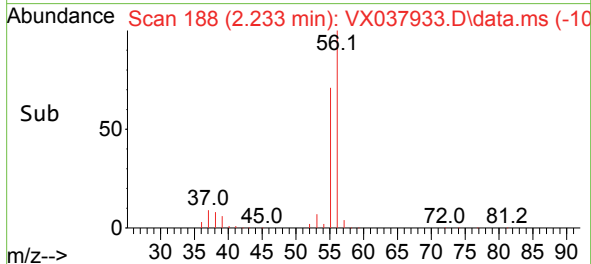
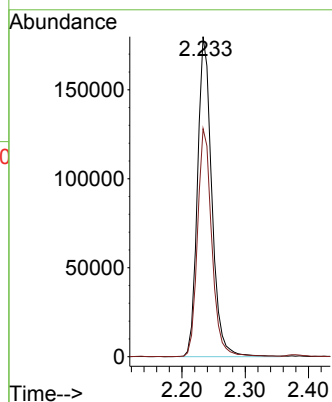


#13
Acrolein
Concen: 499.451 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Instrument :
MSVOA_X
ClientSampleId :

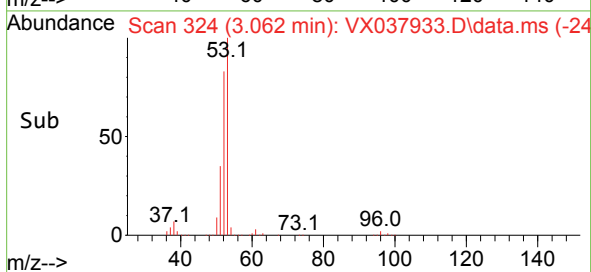
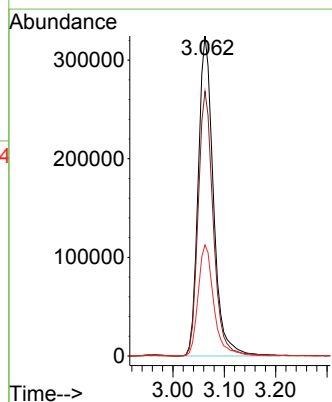
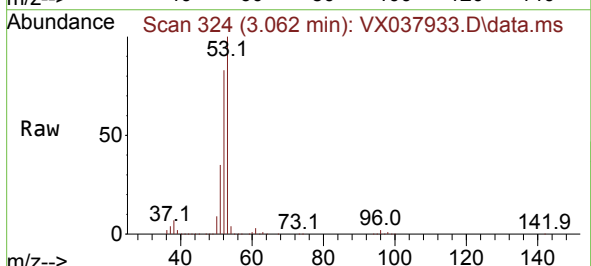


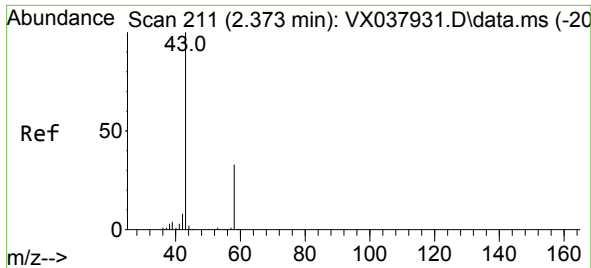
Tgt Ion: 56 Resp: 283335
Ion Ratio Lower Upper
56 100
55 71.1 59.7 89.5



#14
Acrylonitrile
Concen: 490.495 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

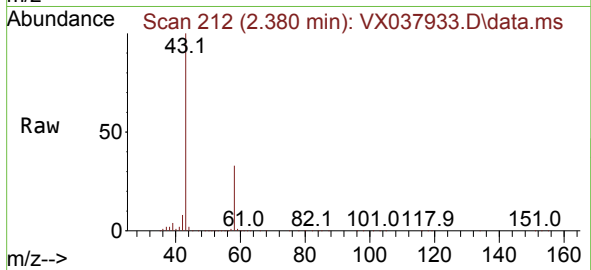
Tgt Ion: 53 Resp: 665754
Ion Ratio Lower Upper
53 100
52 82.4 40.0 119.9
51 35.8 18.2 54.6



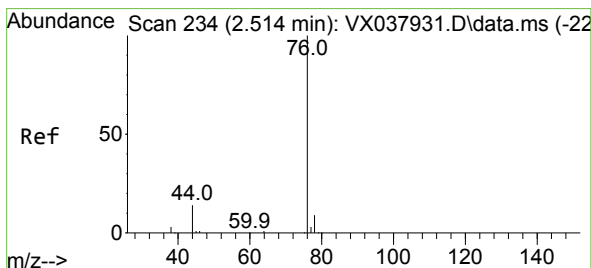
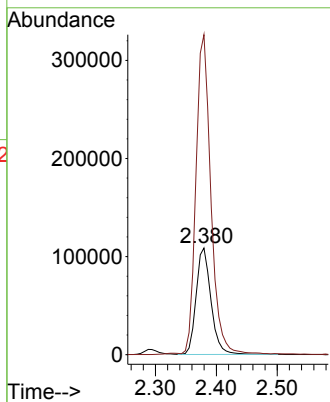
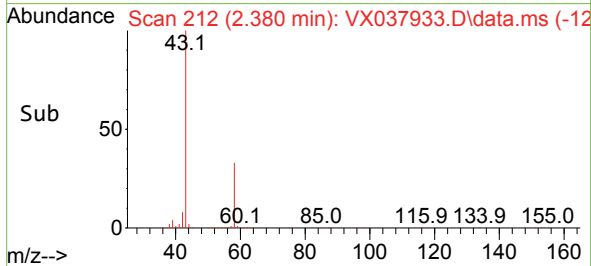


#15
Acetone
Concen: 467.161 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Instrument :
MSVOA_X
ClientSampleId :

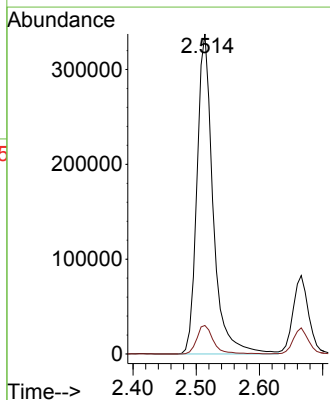
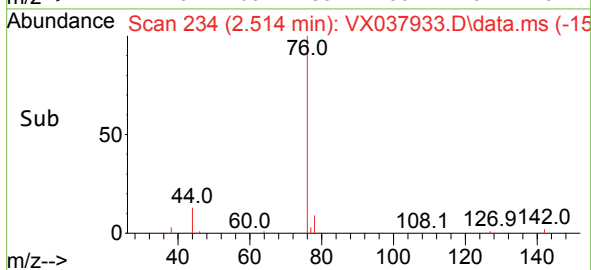
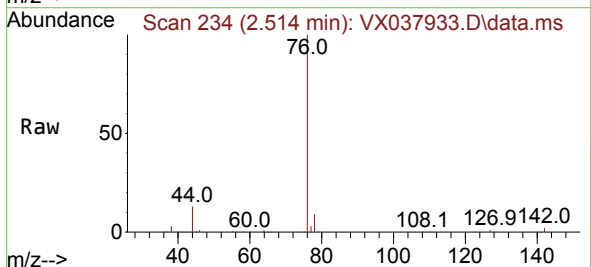


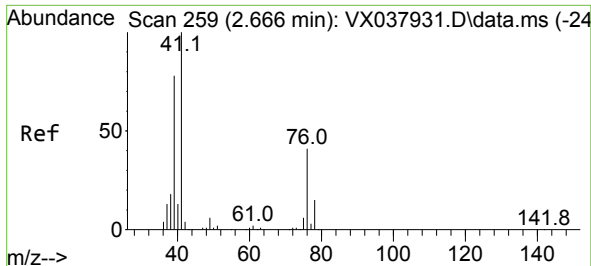
Tgt Ion: 58 Resp: 183411
Ion Ratio Lower Upper
58 100
43 299.8 261.0 391.4



#16
Carbon Disulfide
Concen: 101.515 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion: 76 Resp: 599122
Ion Ratio Lower Upper
76 100
78 8.9 8.0 12.0

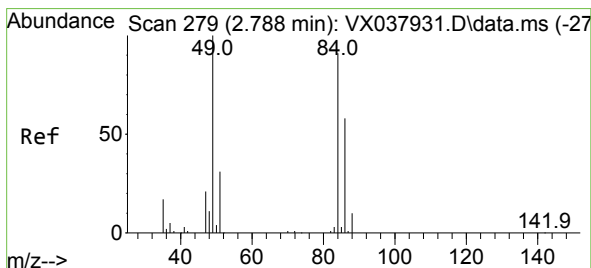
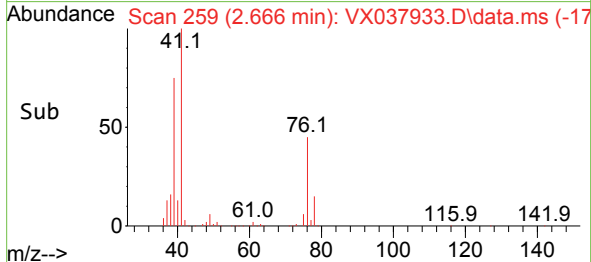
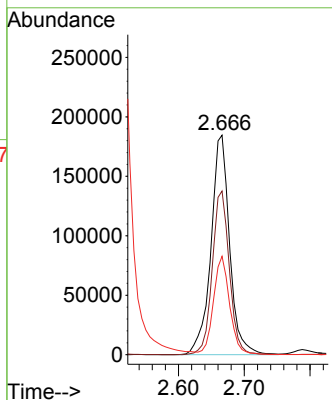
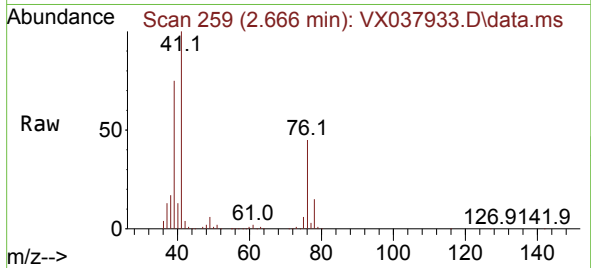




#17
 Allyl chloride
 Concen: 98.753 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX037933.D
 Acq: 27 Sep 2023 19:36

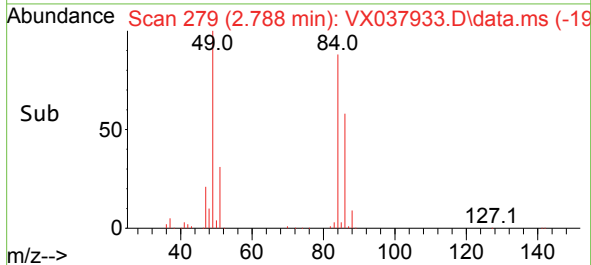
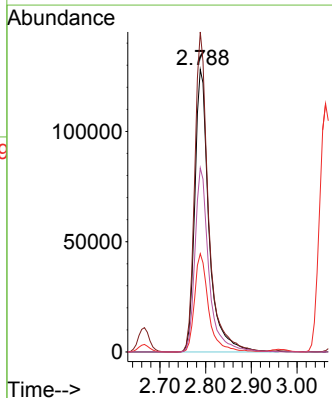
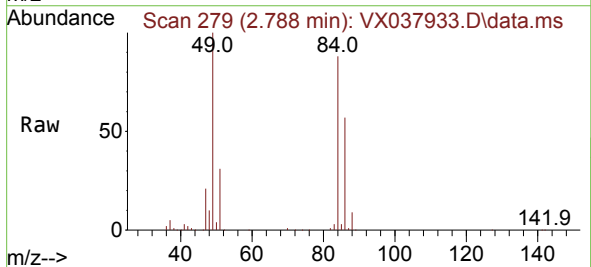
Instrument :
 MSVOA_X
 ClientSampleId :

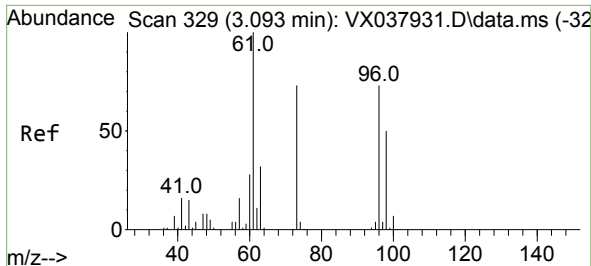
Tgt Ion: 41 Resp: 365661
 Ion Ratio Lower Upper
 41 100
 39 74.5 38.5 115.3
 76 44.7 18.6 55.8



#18
 Methylene Chloride
 Concen: 95.438 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX037933.D
 Acq: 27 Sep 2023 19:36

Tgt Ion: 84 Resp: 276653
 Ion Ratio Lower Upper
 84 100
 49 113.3 95.4 143.0
 51 34.7 28.3 42.5
 86 65.2 49.0 73.6

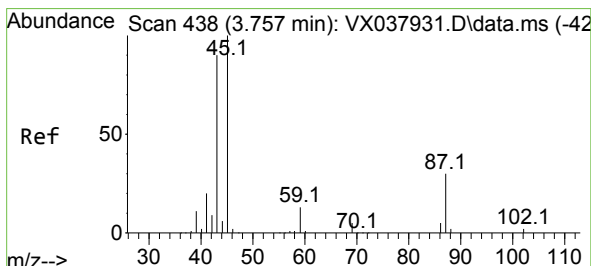
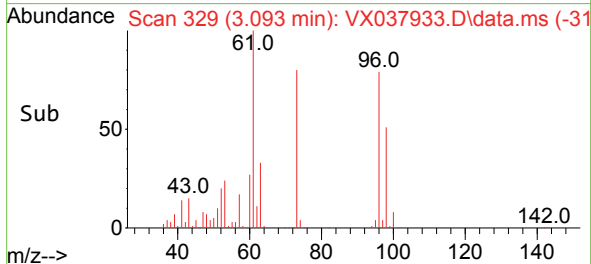
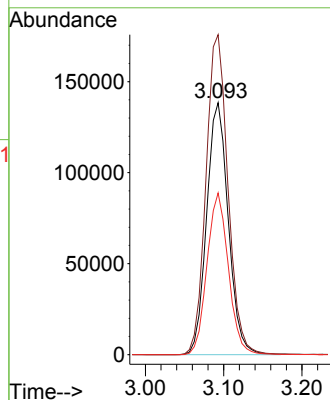
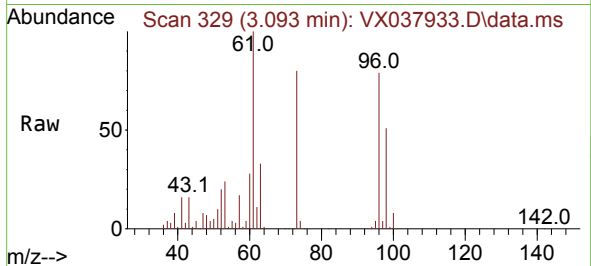




#19
trans-1,2-Dichloroethene
Concen: 97.446 ug/l
RT: 3.093 min Scan# 319
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

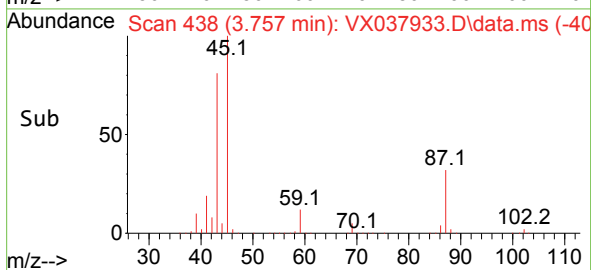
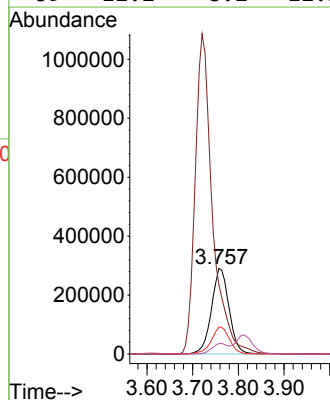
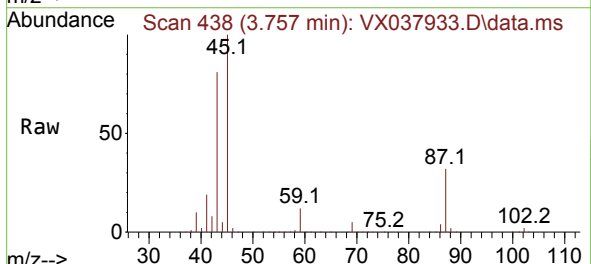
Instrument :
MSVOA_X
ClientSampleId :

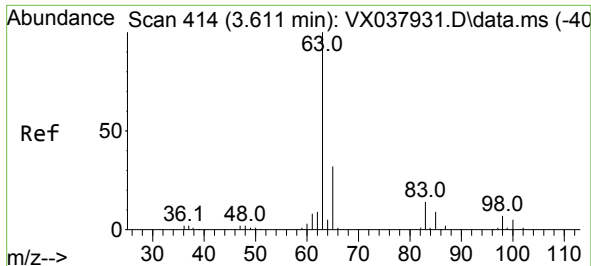
Tgt Ion: 96 Resp: 265636
Ion Ratio Lower Upper
96 100
61 126.9 108.7 163.1
98 64.2 49.1 73.7



#20
Diisopropyl ether
Concen: 97.999 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion: 45 Resp: 774688
Ion Ratio Lower Upper
45 100
43 80.6 55.8 83.6
87 31.5 23.0 34.4
59 12.2 8.2 12.2





#21

1,1-Dichloroethane

Concen: 97.401 ug/l

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

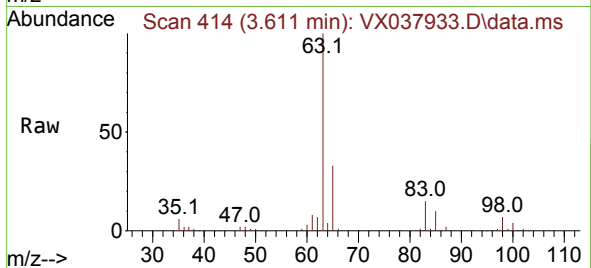
Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :



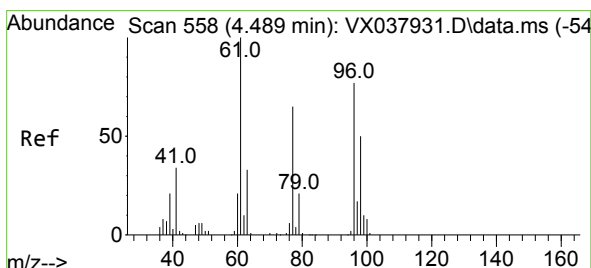
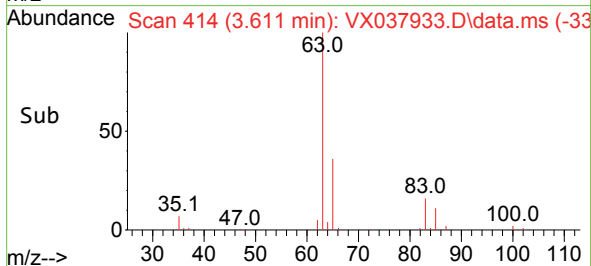
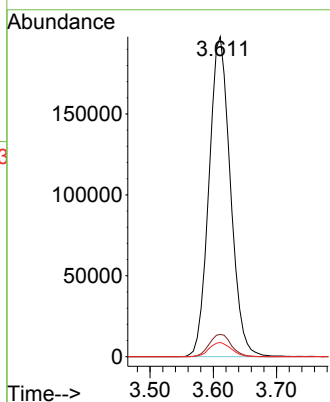
Tgt Ion: 63 Resp: 465199

Ion Ratio Lower Upper

63 100

98 7.0 3.2 9.6

100 4.4 2.3 6.8



#22

cis-1,2-Dichloroethene

Concen: 98.282 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

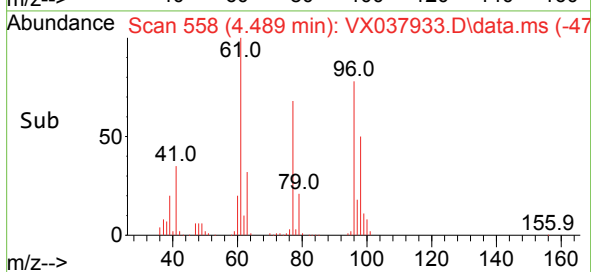
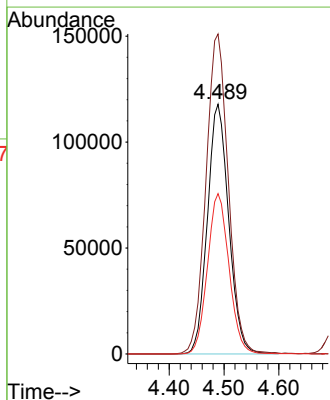
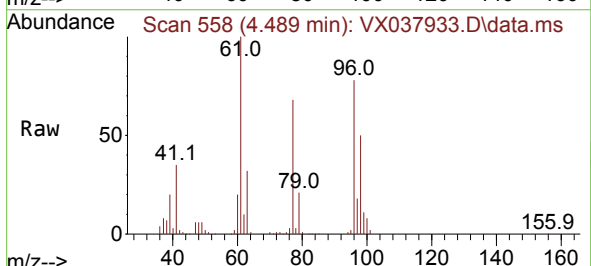
Tgt Ion: 96 Resp: 318107

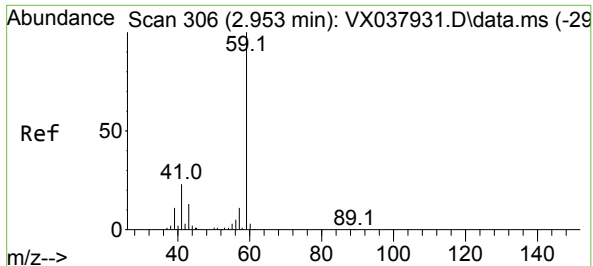
Ion Ratio Lower Upper

96 100

61 134.2 114.0 171.0

98 65.0 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 498.555 ug/l

RT: 2.965 min Scan# 306

Delta R.T. 0.012 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

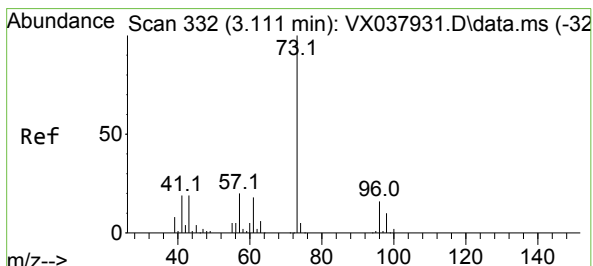
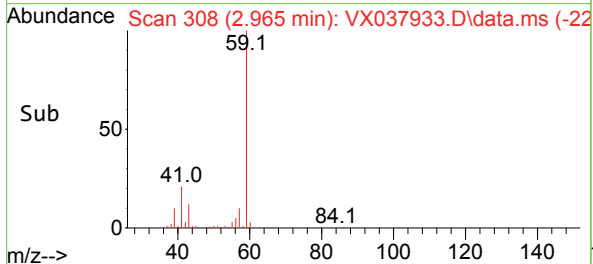
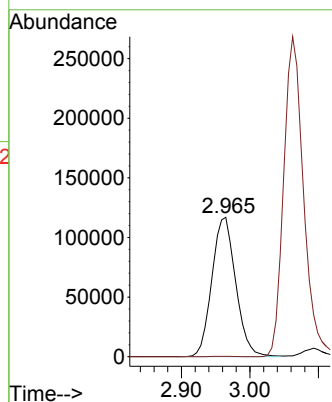
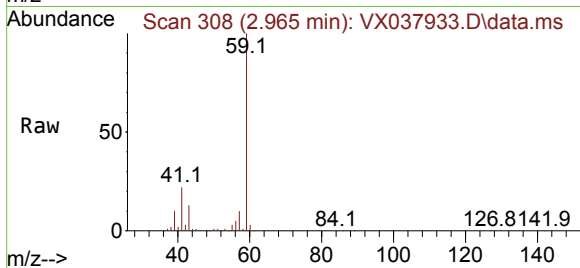
ClientSampleId :

Tgt Ion: 59 Resp: 282259

Ion Ratio Lower Upper

59 100

52 0.1 142.6 213.8#



#24

Methyl tert-Butyl Ether

Concen: 97.724 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX037933.D

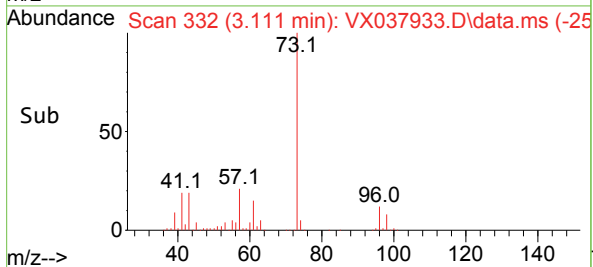
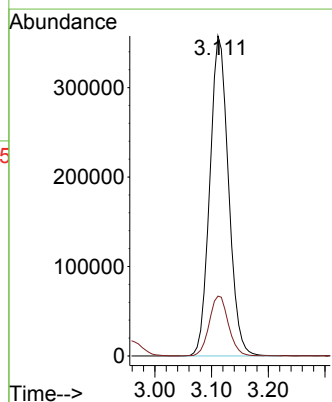
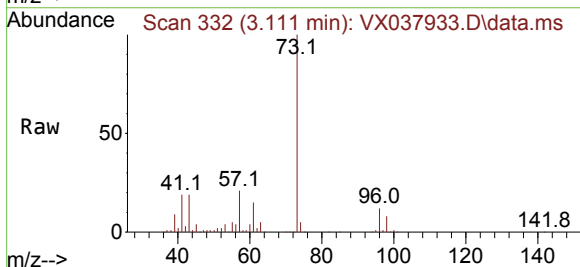
Acq: 27 Sep 2023 19:36

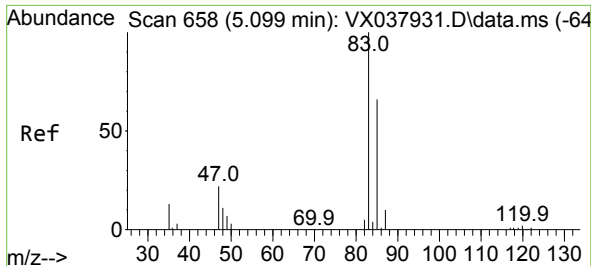
Tgt Ion: 73 Resp: 818081

Ion Ratio Lower Upper

73 100

43 19.1 16.8 25.2





#25

Chloroform

Concen: 97.806 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

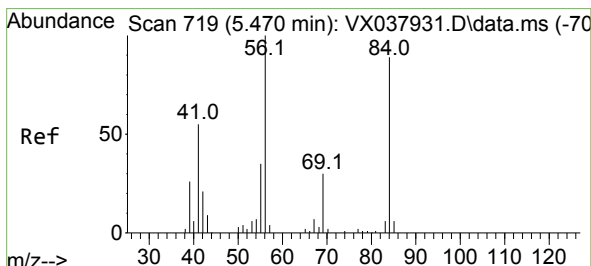
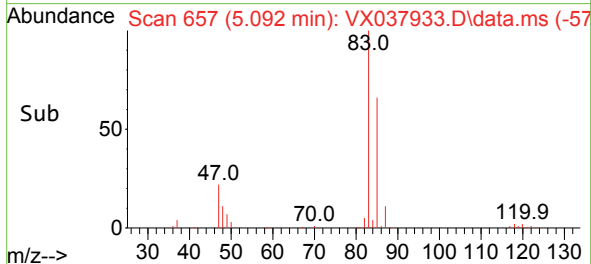
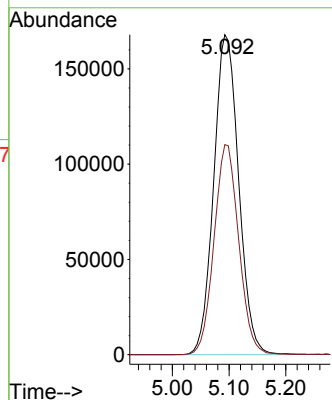
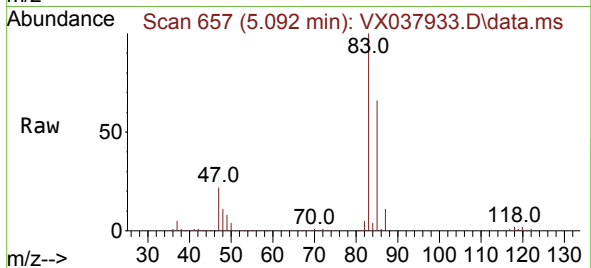
ClientSampleId :

Tgt Ion: 83 Resp: 513732

Ion Ratio Lower Upper

83 100

85 65.6 51.5 77.3



#26

Cyclohexane

Concen: 97.596 ug/l

RT: 5.470 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

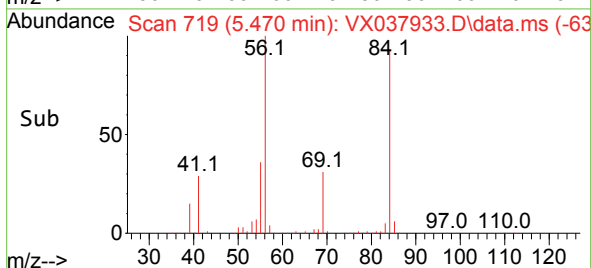
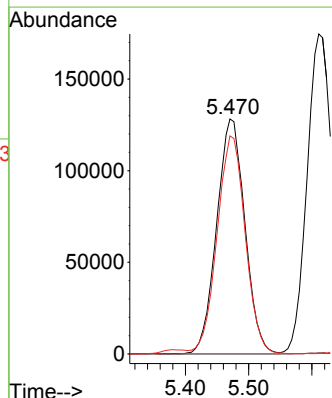
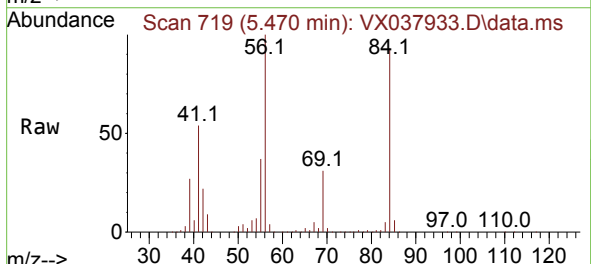
Tgt Ion: 56 Resp: 396690

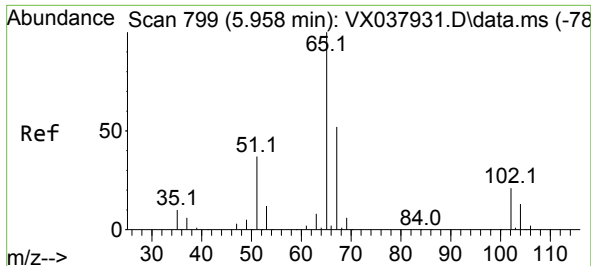
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 92.6 71.4 107.2





#27

1,2-Dichloroethane-d4

Concen: 29.801 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

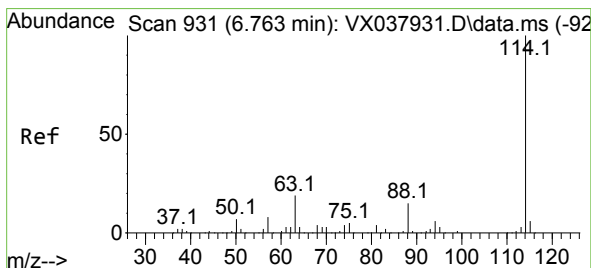
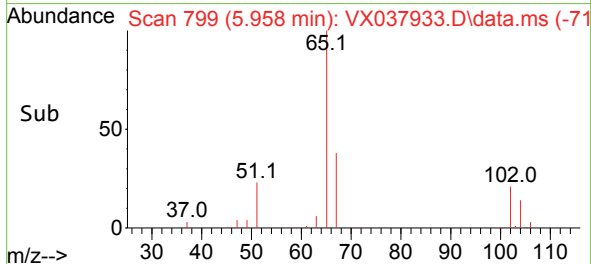
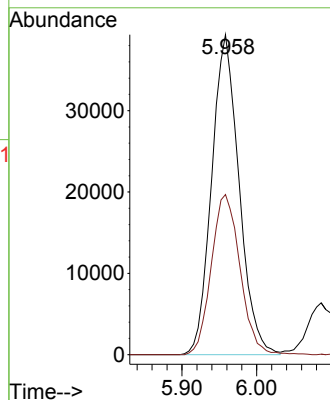
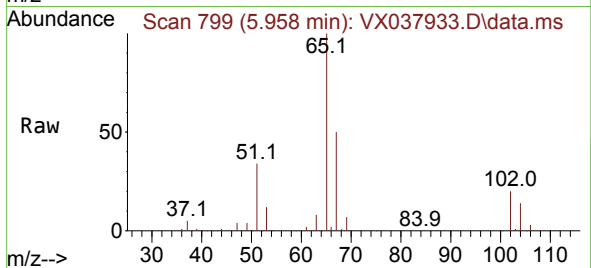
ClientSampleId :

Tgt Ion: 65 Resp: 100349

Ion Ratio Lower Upper

65 100

67 52.6 42.1 63.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

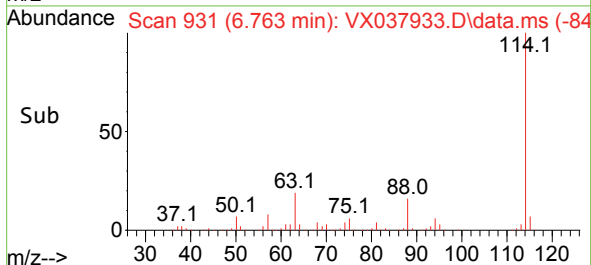
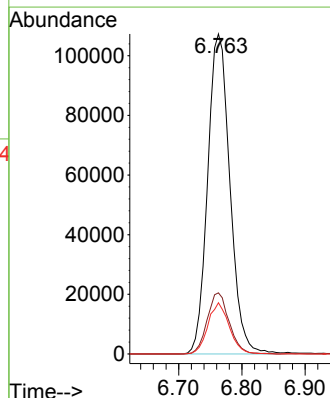
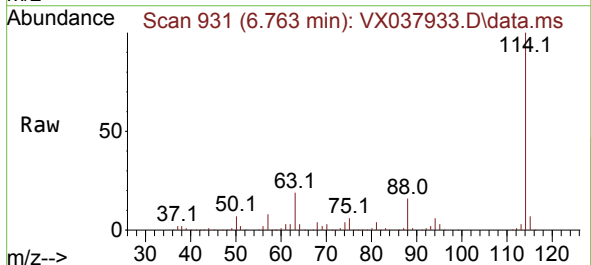
Tgt Ion: 114 Resp: 262636

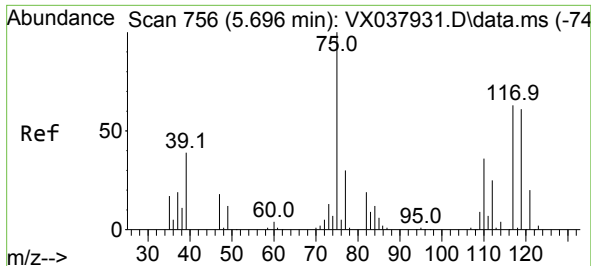
Ion Ratio Lower Upper

114 100

63 18.7 16.6 24.8

88 15.4 12.9 19.3

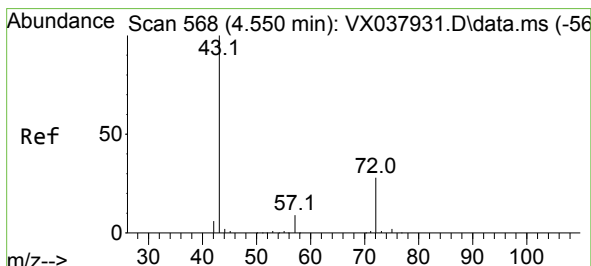
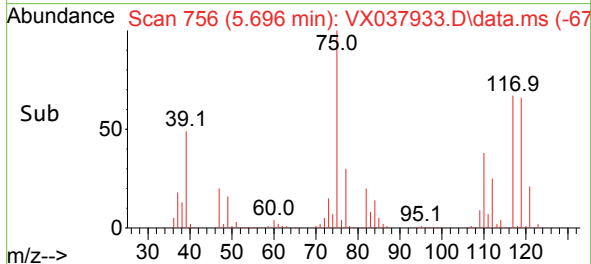
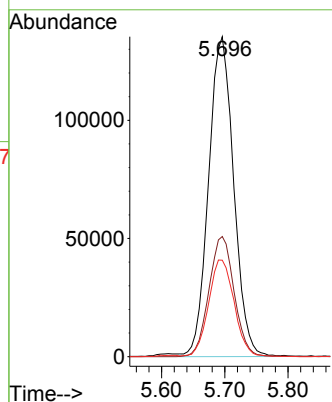
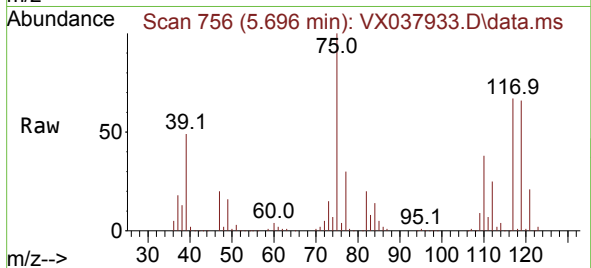




#29
1,1-Dichloropropene
Concen: 98.255 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

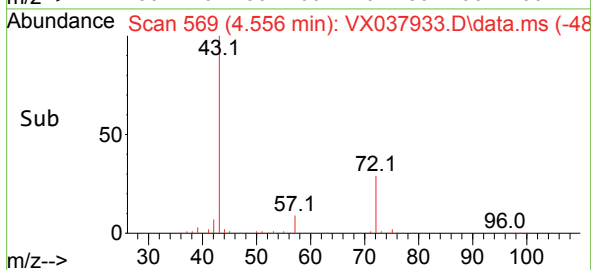
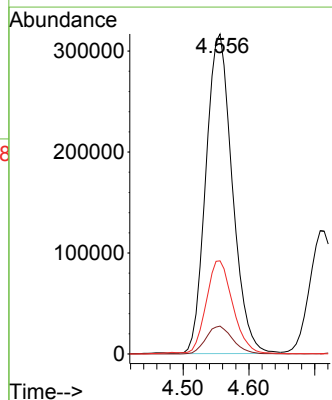
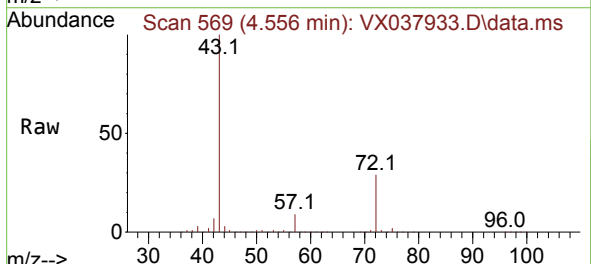
Instrument :
MSVOA_X
ClientSampleId :

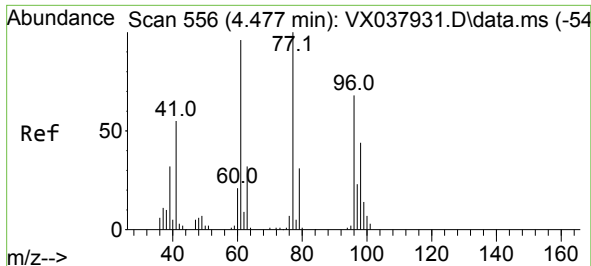
Tgt Ion: 75 Resp: 373027
Ion Ratio Lower Upper
75 100
110 37.8 0.0 70.4
77 30.7 0.0 62.8



#30
2-Butanone
Concen: 485.762 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion: 43 Resp: 885057
Ion Ratio Lower Upper
43 100
57 8.9 6.4 9.6
72 29.5 21.6 32.4





#31

2,2-Dichloropropane

Concen: 99.557 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

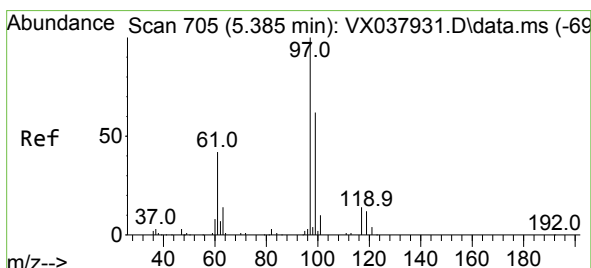
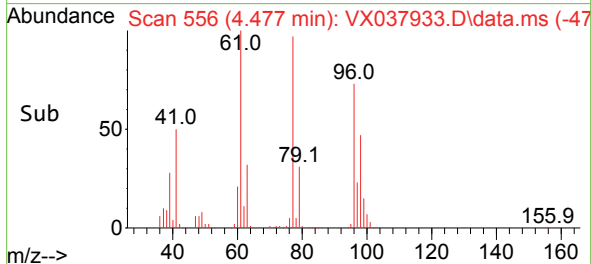
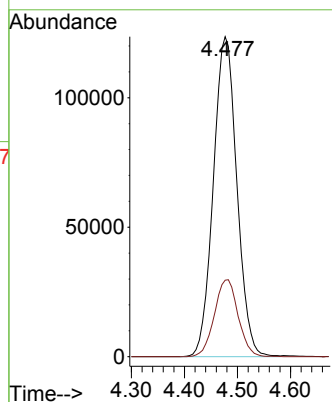
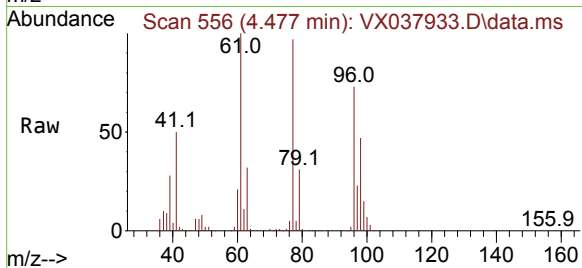
ClientSampleId :

Tgt Ion: 77 Resp: 380776

Ion Ratio Lower Upper

77 100

97 24.2 18.6 27.8



#32

1,1,1-Trichloroethane

Concen: 99.562 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

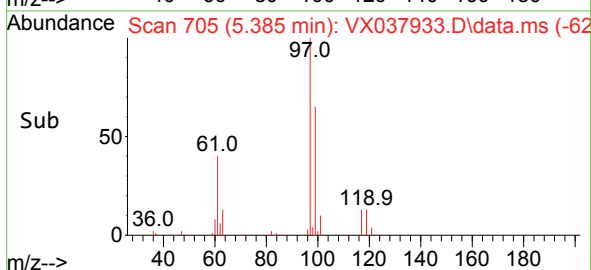
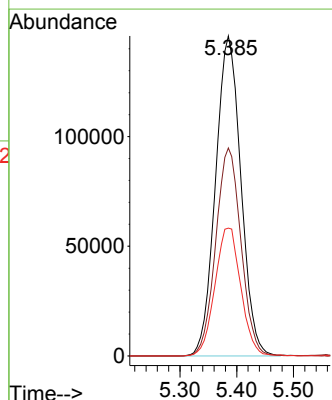
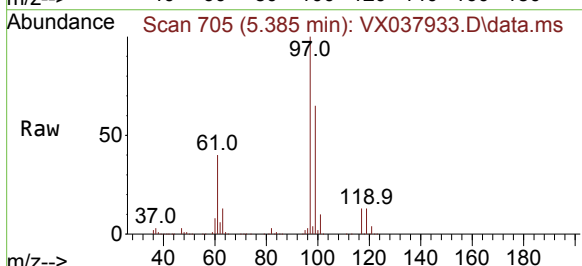
Tgt Ion: 97 Resp: 452929

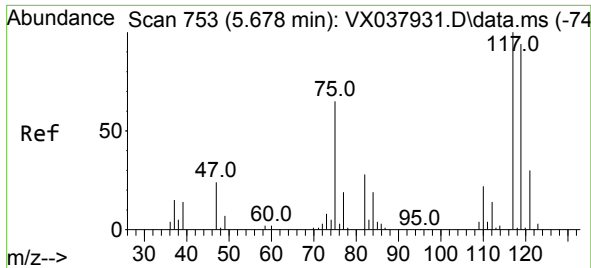
Ion Ratio Lower Upper

97 100

99 64.8 51.5 77.3

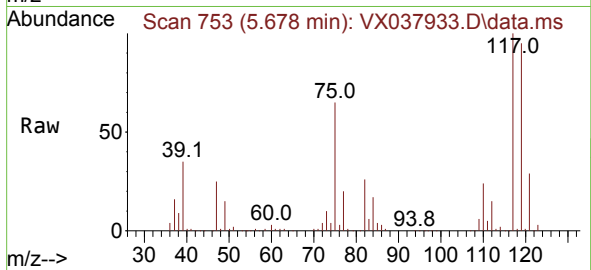
61 40.7 35.8 53.8



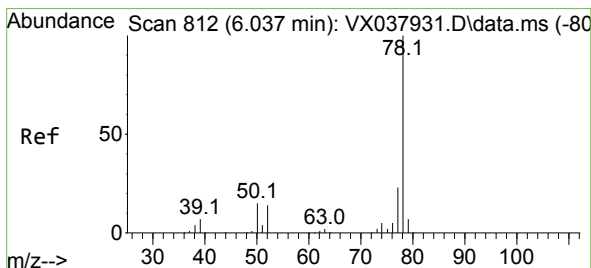
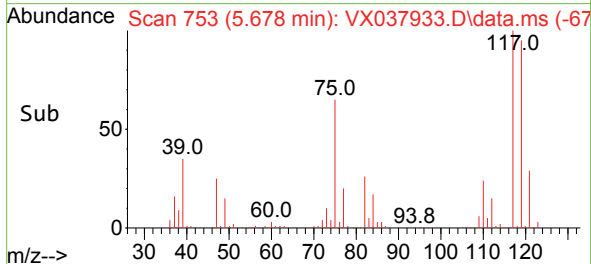
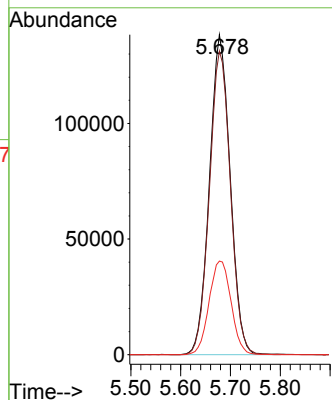


#33
Carbon Tetrachloride
Concen: 102.732 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Instrument :
MSVOA_X
ClientSampleId :

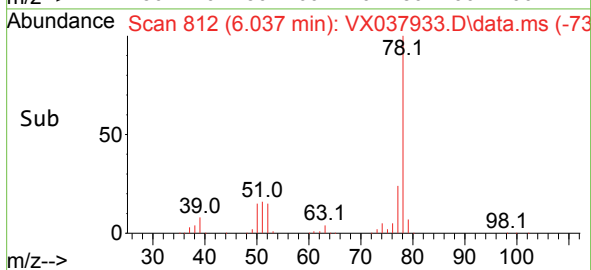
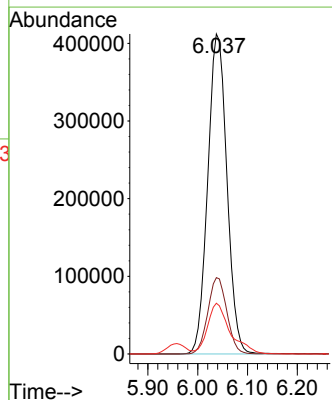
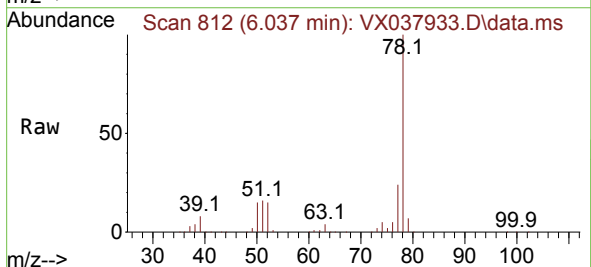


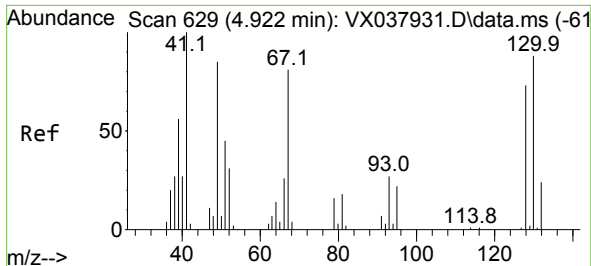
Tgt Ion: 117 Resp: 400066
Ion Ratio Lower Upper
117 100
119 94.9 76.6 115.0
121 29.3 26.5 39.7



#34
Benzene
Concen: 97.126 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

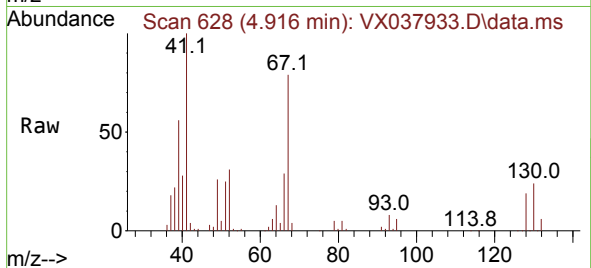
Tgt Ion: 78 Resp: 1101536
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1
51 15.8 14.2 21.4



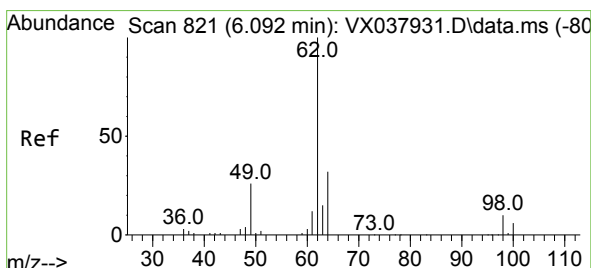
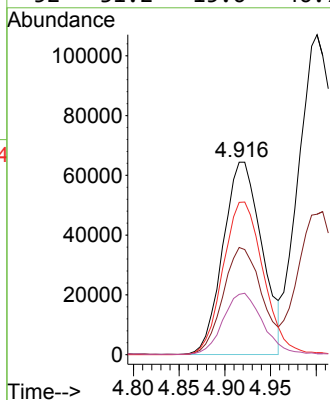
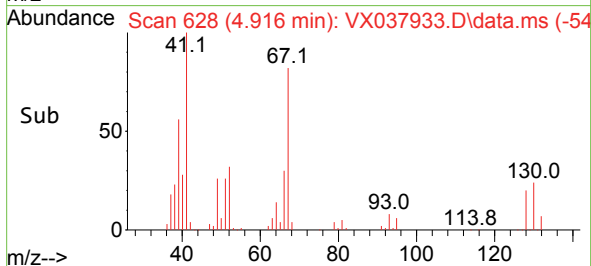


#35
Methacrylonitrile
Concen: 99.573 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Instrument :
MSVOA_X
ClientSampleId :

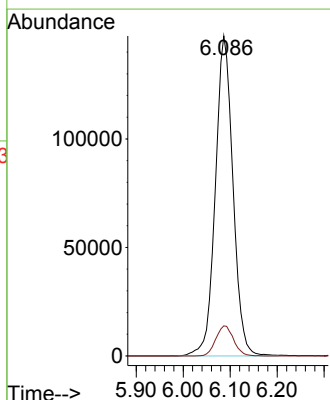
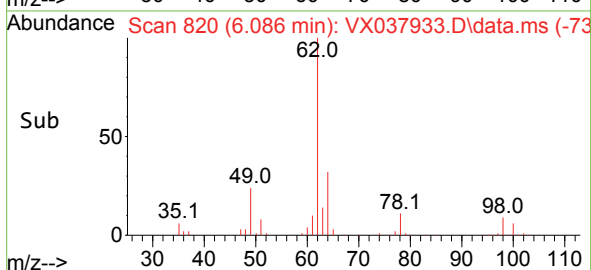
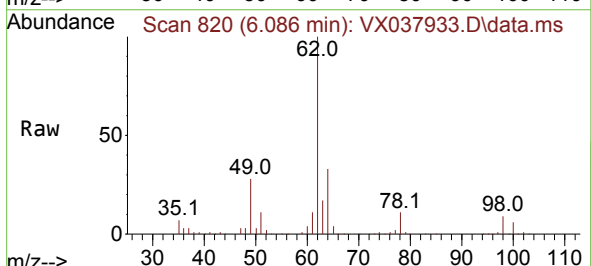


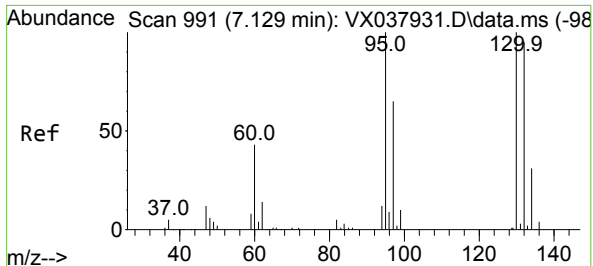
Tgt Ion:	41	Resp:	190738
Ion	Ratio	Lower	Upper
41	100		
39	55.6	28.2	84.7
67	79.1	35.0	105.1
52	31.2	15.6	46.7



#36
1,2-Dichloroethane
Concen: 96.072 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion:	62	Resp:	385435
Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.0	10.6





#37

Trichloroethene

Concen: 98.003 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

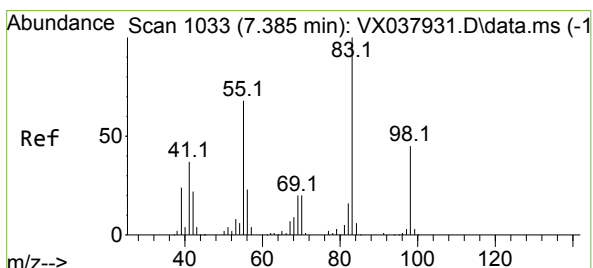
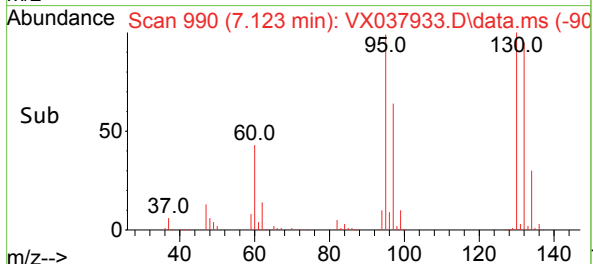
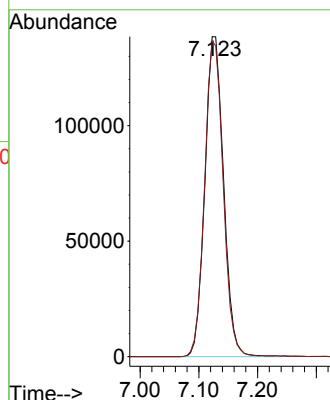
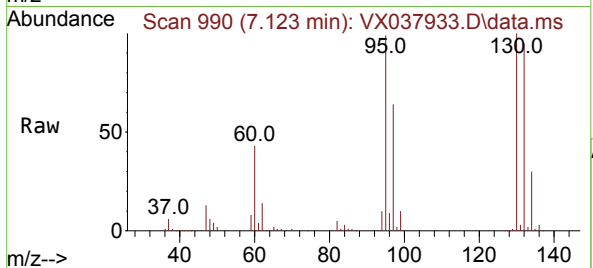
ClientSampleId :

Tgt Ion:130 Resp: 306624

Ion Ratio Lower Upper

130 100

95 98.7 83.2 124.8



#38

Methylcyclohexane

Concen: 98.882 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

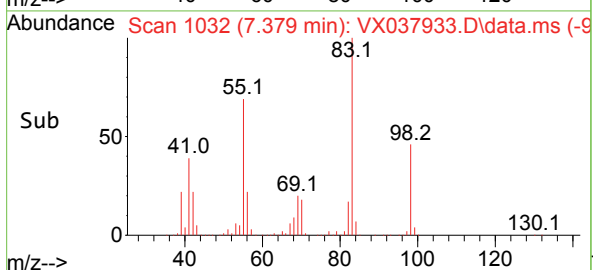
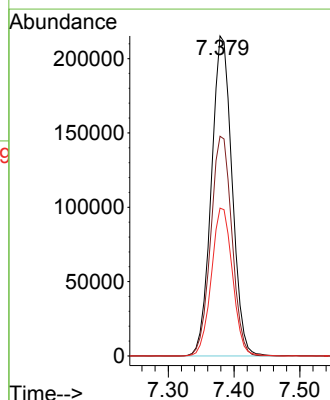
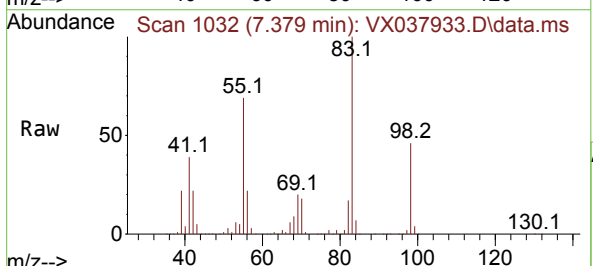
Tgt Ion: 83 Resp: 471858

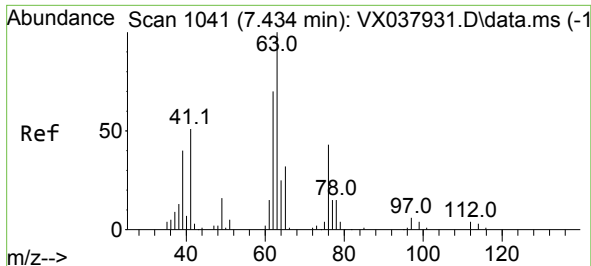
Ion Ratio Lower Upper

83 100

55 70.0 38.1 114.5

98 47.1 24.4 73.4





#39

1,2-Dichloropropane

Concen: 97.233 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

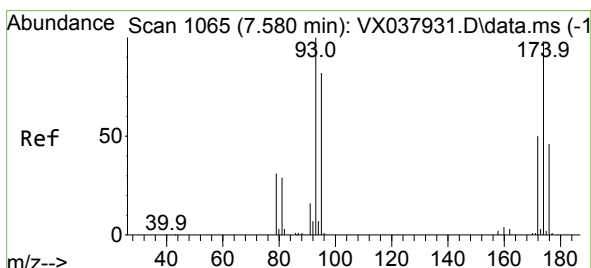
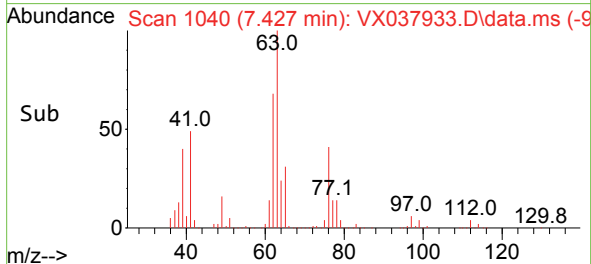
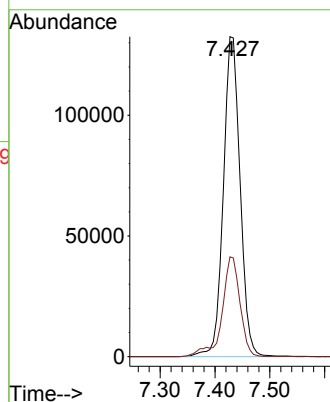
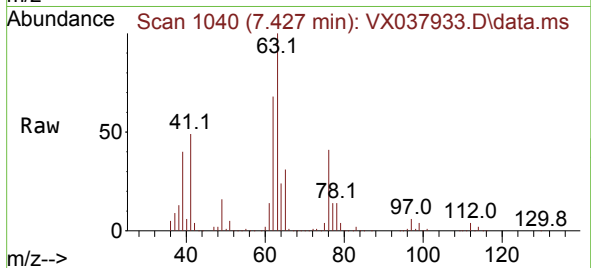
ClientSampleId :

Tgt Ion: 63 Resp: 282121

Ion Ratio Lower Upper

63 100

65 31.1 26.4 39.6



#40

Dibromomethane

Concen: 98.546 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

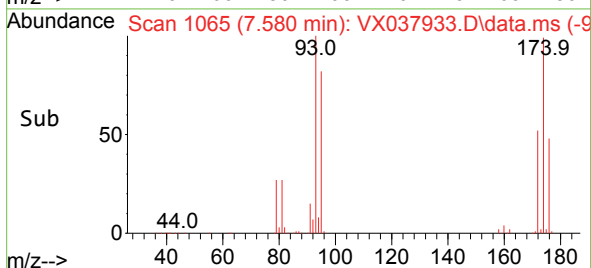
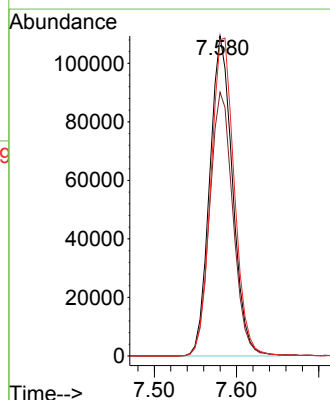
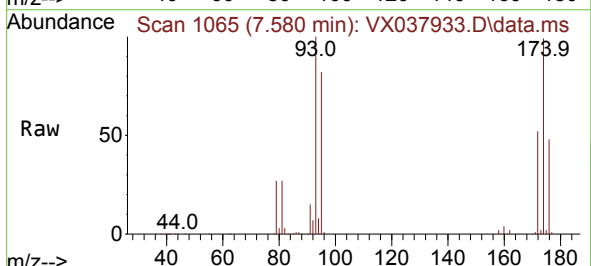
Tgt Ion: 93 Resp: 210985

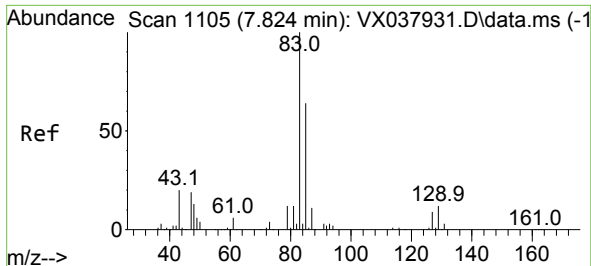
Ion Ratio Lower Upper

93 100

95 84.2 0.0 166.8

174 101.9 0.0 191.6

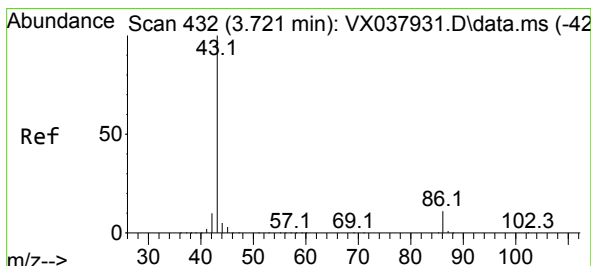
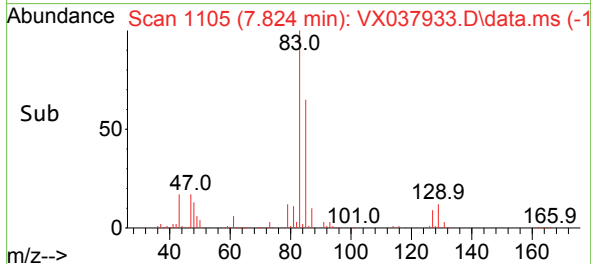
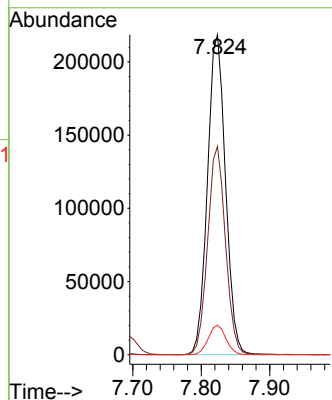
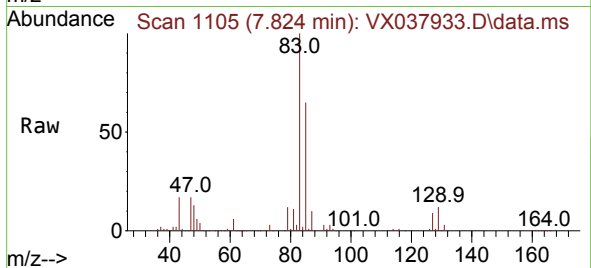




#41
Bromodichloromethane
Concen: 102.397 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

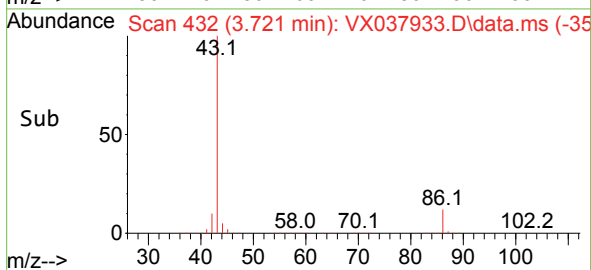
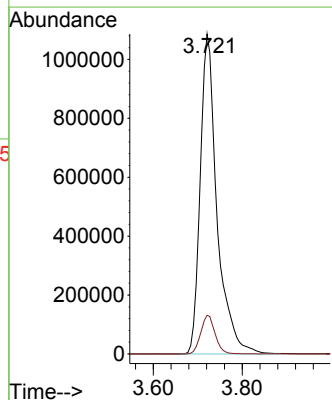
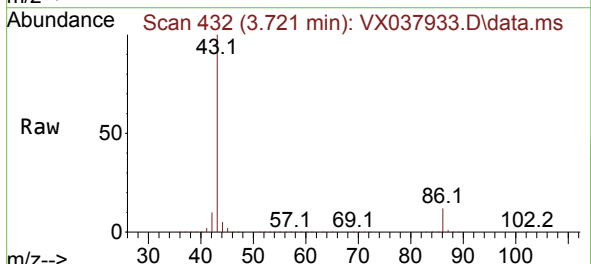
Instrument :
MSVOA_X
ClientSampleId :

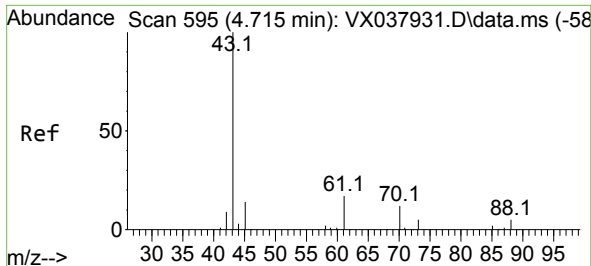
Tgt Ion: 83 Resp: 400254
Ion Ratio Lower Upper
83 100
85 65.2 51.5 77.3
127 9.2 6.4 9.6



#42
Vinyl Acetate
Concen: 498.294 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion: 43 Resp: 2862007
Ion Ratio Lower Upper
43 100
86 10.3 7.4 11.0

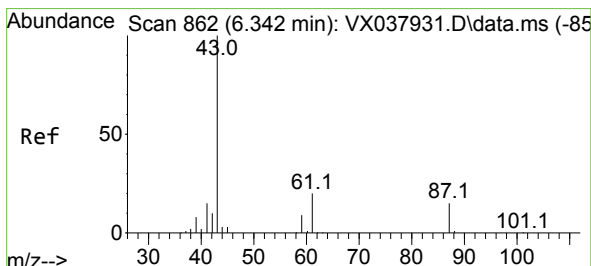
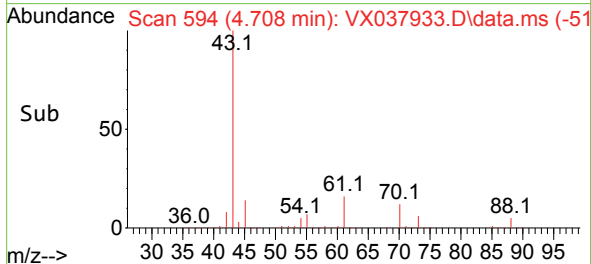
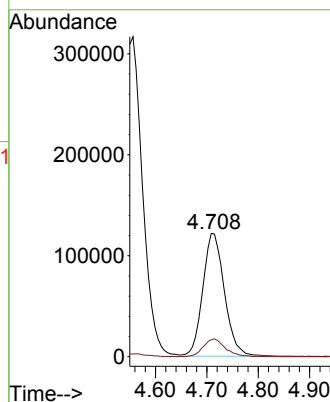
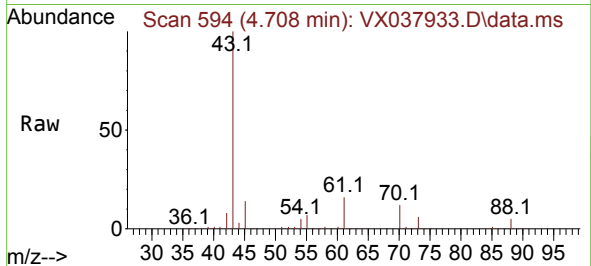




#43
Ethyl Acetate
Concen: 98.894 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

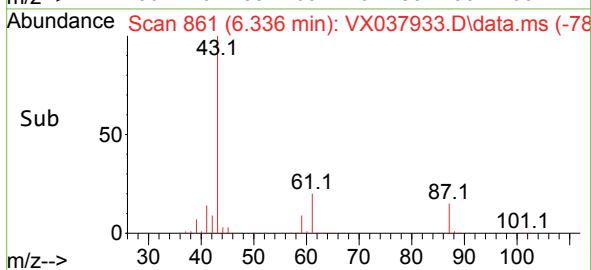
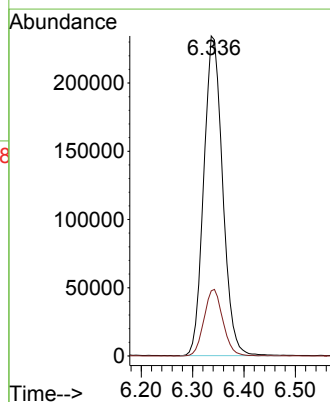
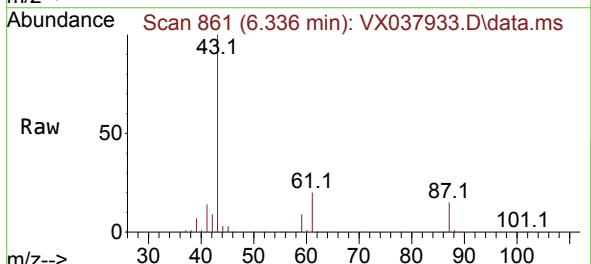
Instrument :
MSVOA_X
ClientSampleId :

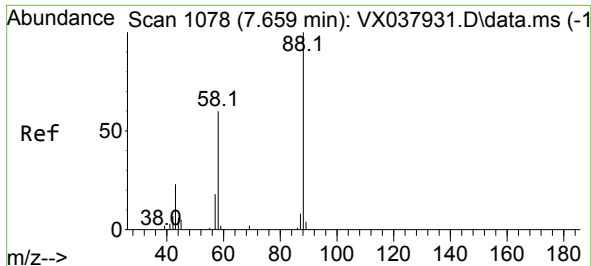
Tgt Ion: 43 Resp: 356209
Ion Ratio Lower Upper
43 100
45 14.5 12.6 18.8



#44
Isopropyl Acetate
Concen: 100.380 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion: 43 Resp: 598155
Ion Ratio Lower Upper
43 100
61 20.8 15.4 23.0

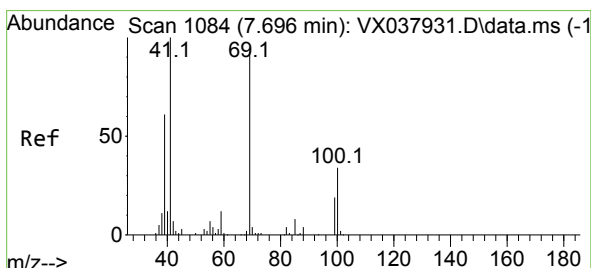
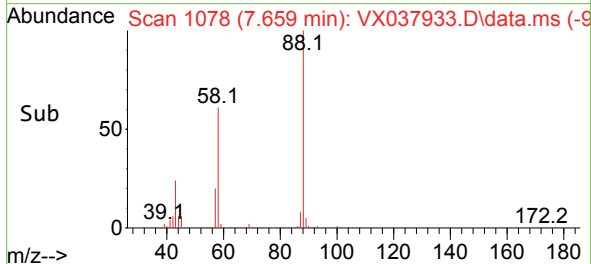
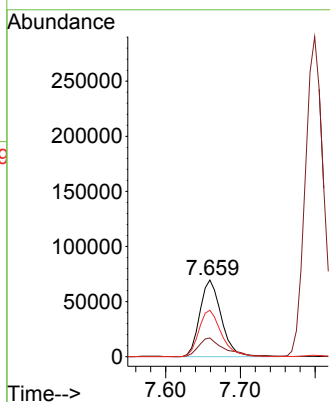
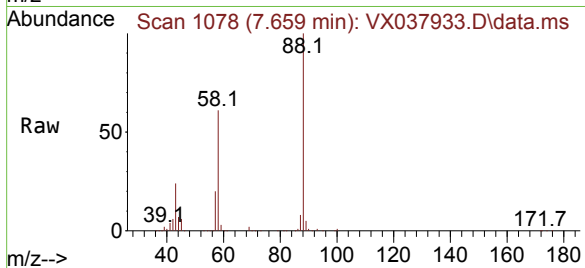




#45
1,4-Dioxane
Concen: 2024.021 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

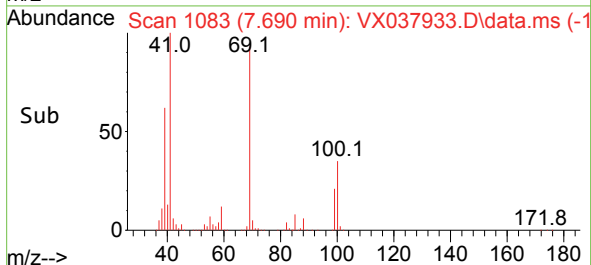
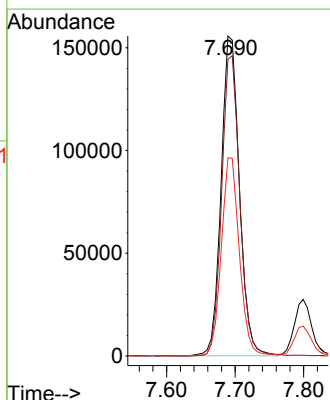
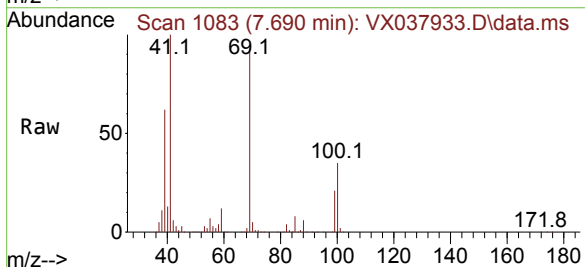
Instrument :
MSVOA_X
ClientSampleId :

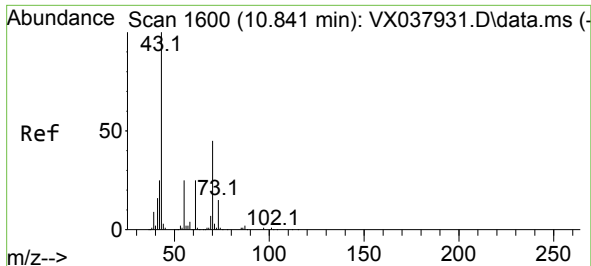
Tgt Ion: 88 Resp: 138983
Ion Ratio Lower Upper
88 100
43 28.5 297.5 446.3#
58 63.7 1.0 1.4#



#46
Methyl methacrylate
Concen: 101.479 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion: 41 Resp: 287450
Ion Ratio Lower Upper
41 100
69 92.8 44.4 133.1
39 61.9 34.9 104.7

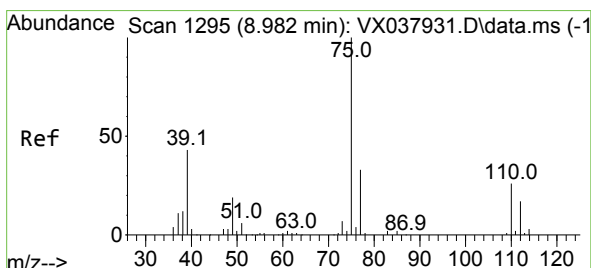
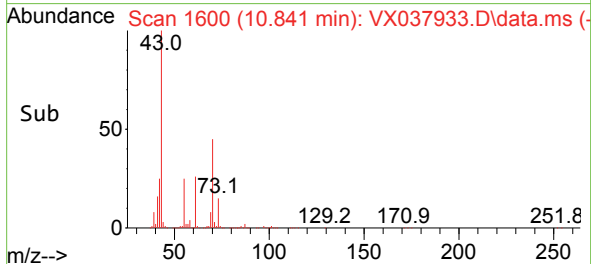
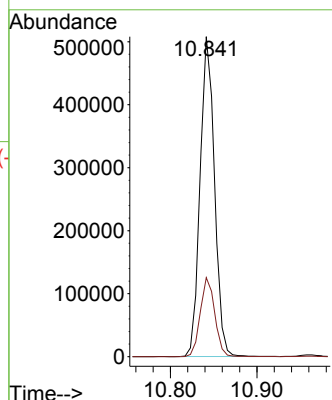
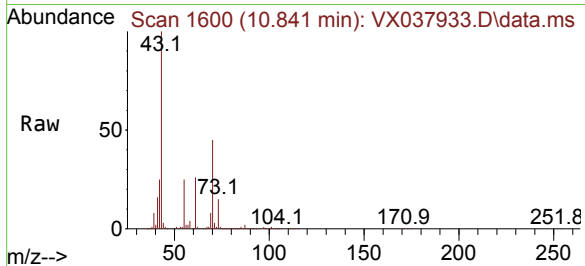




#47
n-amy1 Acetate
Concen: 104.618 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

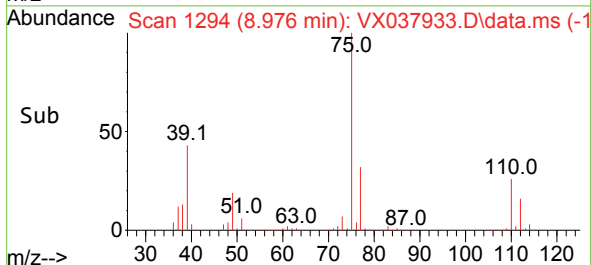
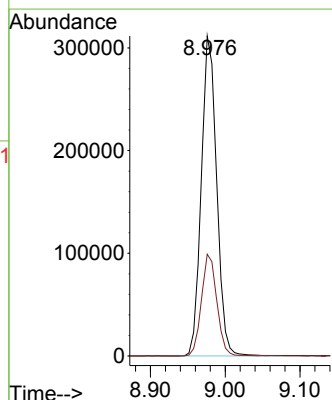
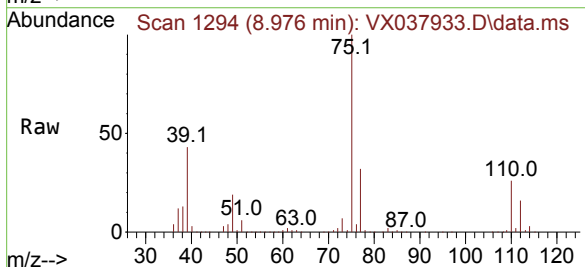
Instrument :
MSVOA_X
ClientSampleId :

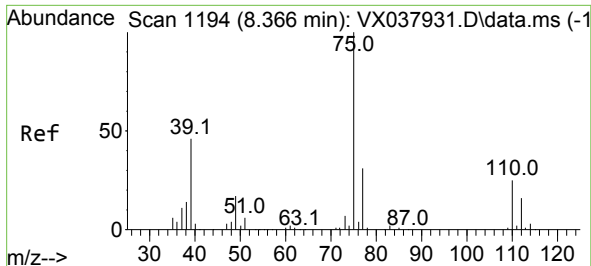
Tgt Ion: 43 Resp: 586519
Ion Ratio Lower Upper
43 100
55 24.9 18.6 28.0



#48
t-1,3-Dichloropropene
Concen: 104.893 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion: 75 Resp: 445410
Ion Ratio Lower Upper
75 100
77 31.8 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 102.928 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

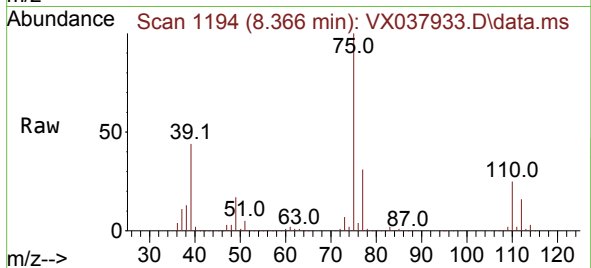
Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :



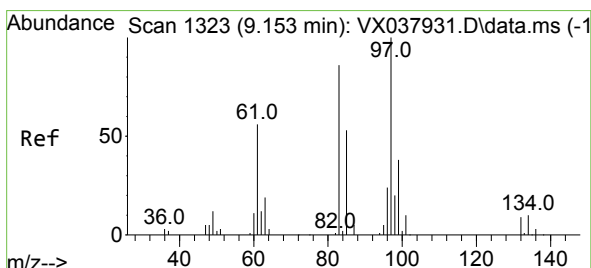
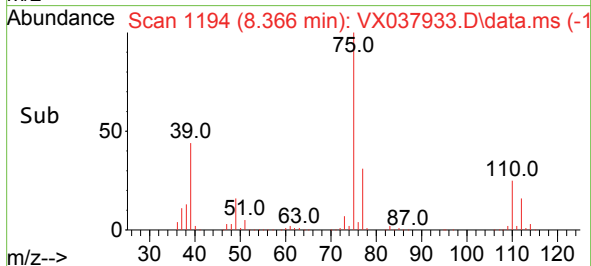
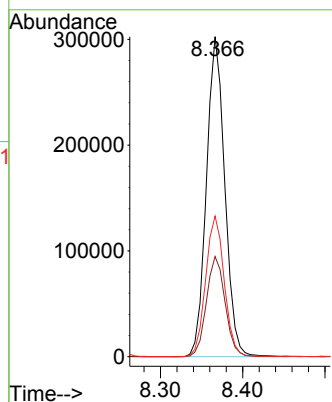
Tgt Ion: 75 Resp: 469374

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2

39 43.9 40.2 60.4



#50

1,1,2-Trichloroethane

Concen: 98.520 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Tgt Ion: 97 Resp: 301426

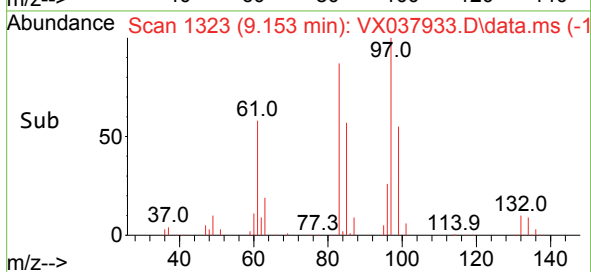
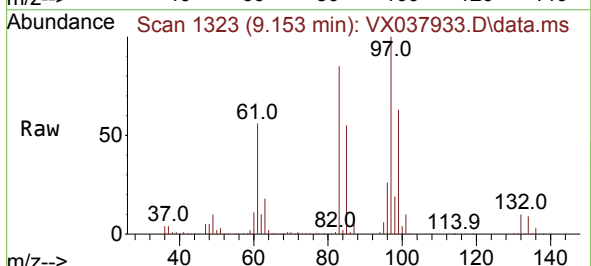
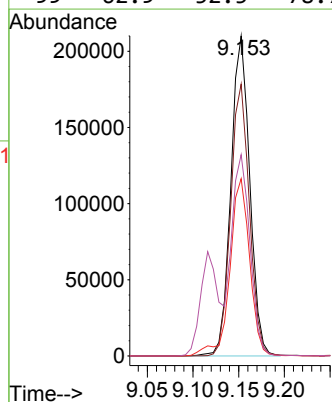
Ion Ratio Lower Upper

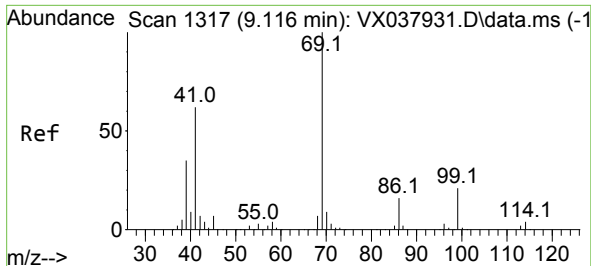
97 100

83 84.9 70.0 105.0

85 55.4 46.1 69.1

99 62.9 52.5 78.7

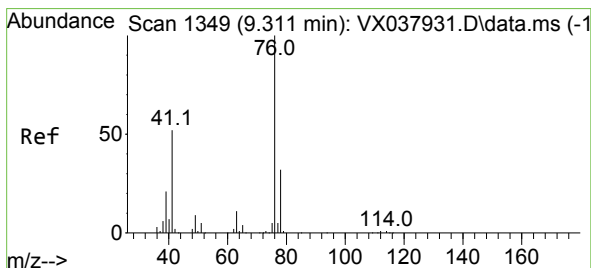
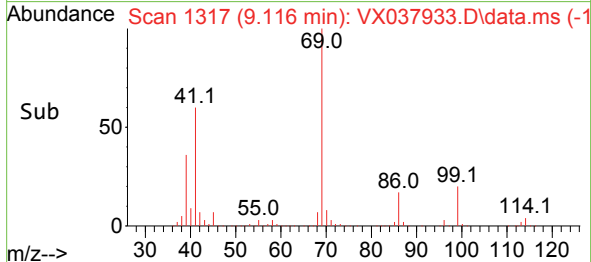
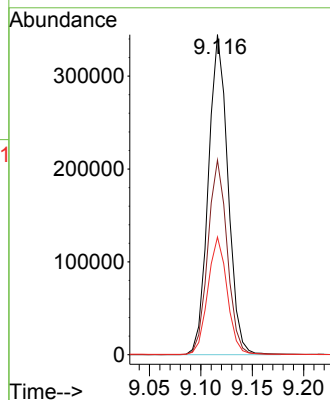
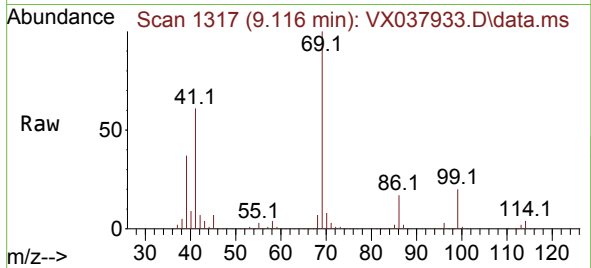




#51
Ethyl methacrylate
Concen: 101.594 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

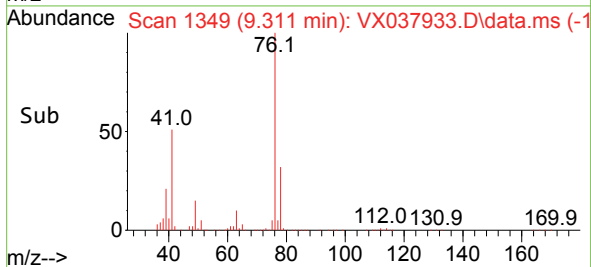
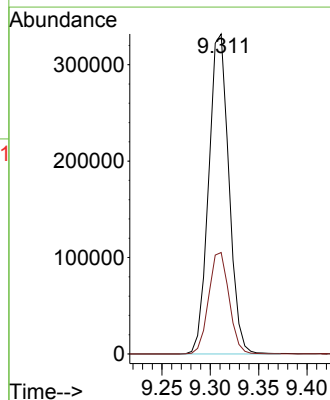
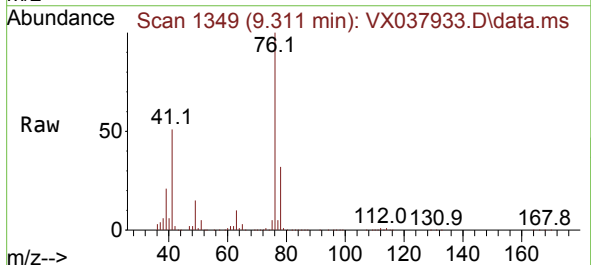
Instrument :
MSVOA_X
ClientSampleId :

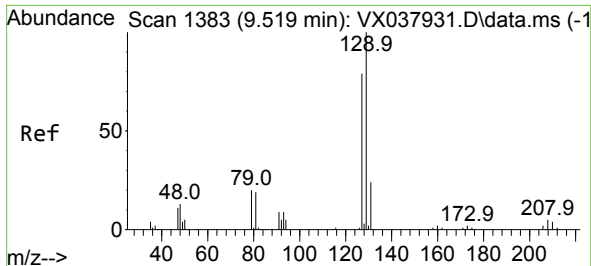
Tgt Ion: 69 Resp: 457999
Ion Ratio Lower Upper
69 100
41 60.7 32.0 96.0
39 36.7 19.4 58.4



#52
1,3-Dichloropropane
Concen: 98.461 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion: 76 Resp: 483239
Ion Ratio Lower Upper
76 100
78 32.1 0.0 63.6

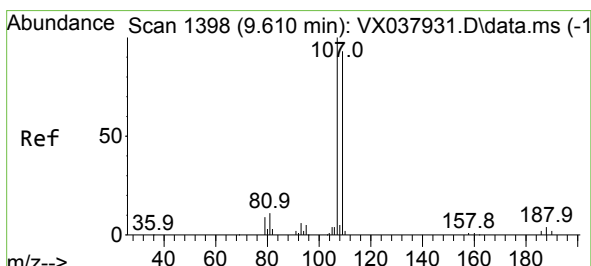
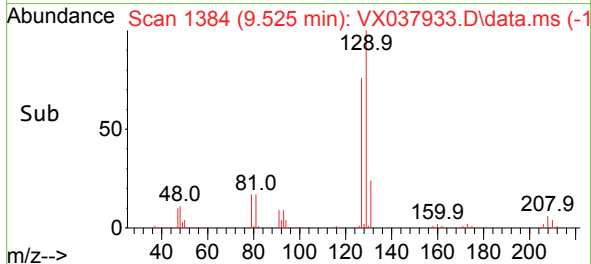
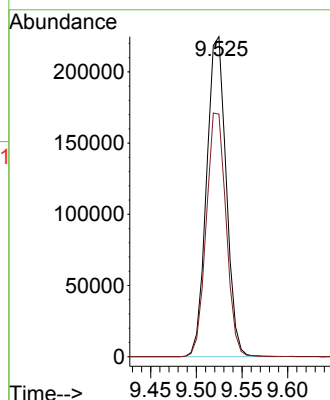
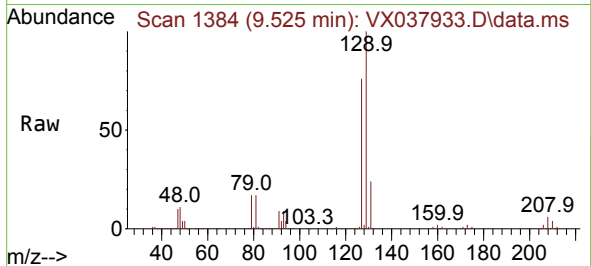




#53
Dibromochloromethane
Concen: 106.026 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

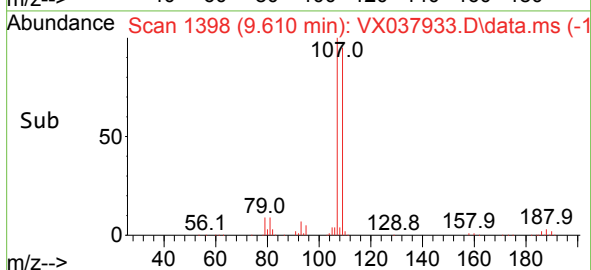
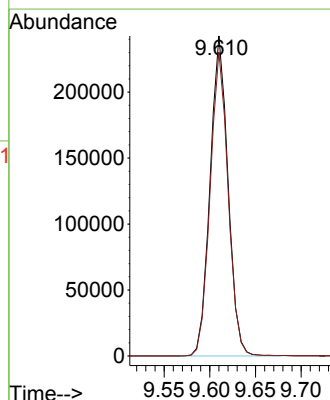
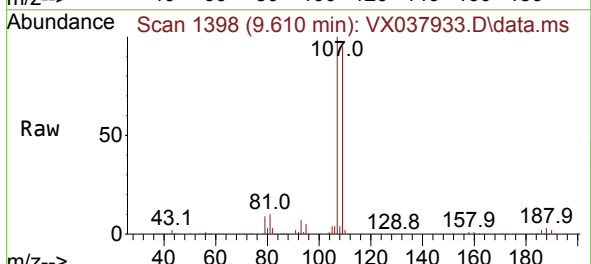
Instrument :
MSVOA_X
ClientSampleId :

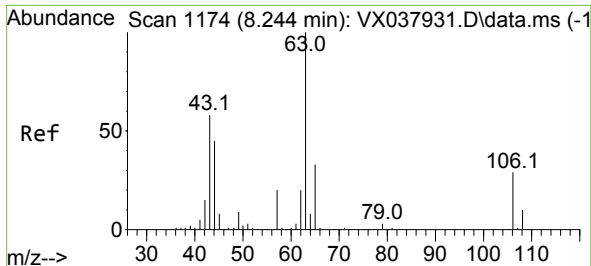
Tgt Ion:129 Resp: 334323
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8



#54
1,2-Dibromoethane
Concen: 99.452 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion:107 Resp: 330185
Ion Ratio Lower Upper
107 100
109 95.0 74.7 112.1

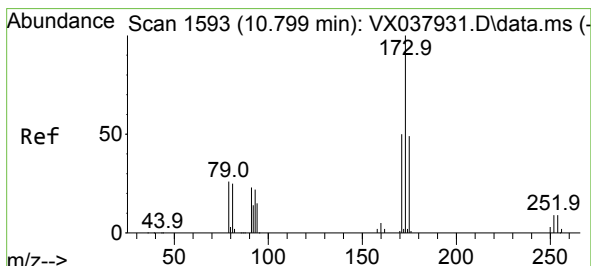
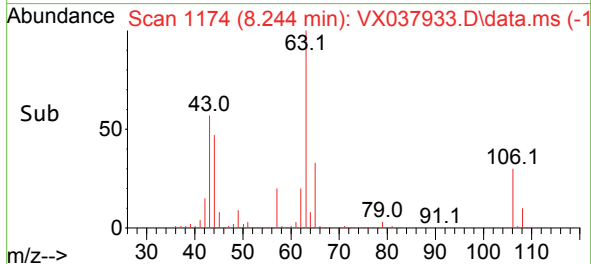
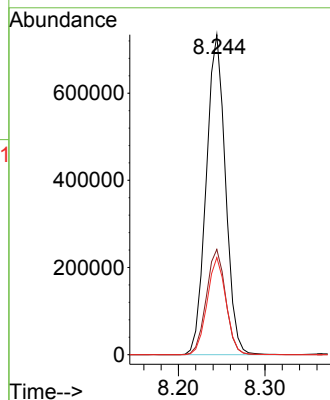
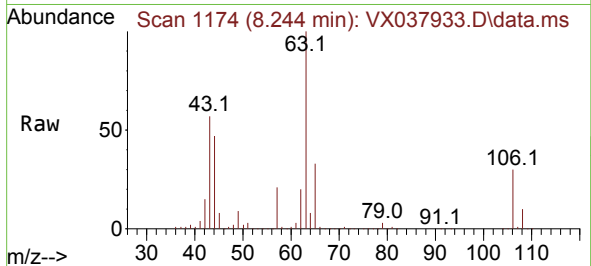




#55
2-Chloroethyl vinyl ether
Concen: 515.098 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

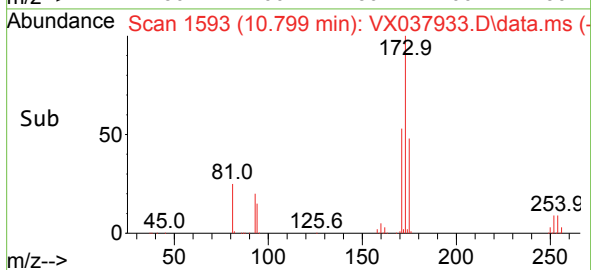
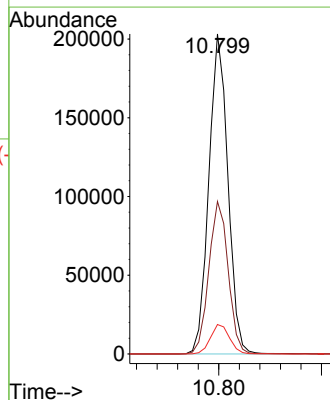
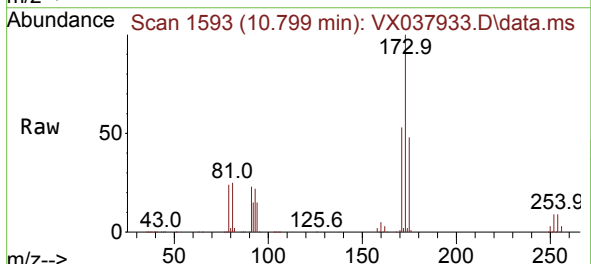
Instrument :
MSVOA_X
ClientSampleId :

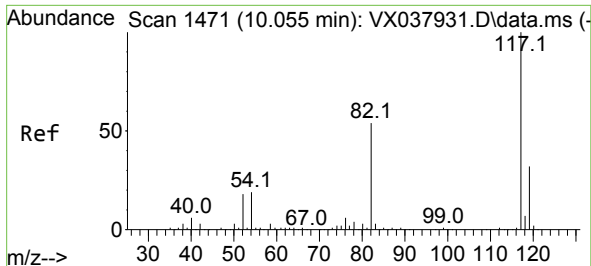
Tgt Ion: 63 Resp: 1131970
Ion Ratio Lower Upper
63 100
65 33.0 25.9 38.9
106 29.9 21.8 32.8



#56
Bromoform
Concen: 109.985 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion: 173 Resp: 260842
Ion Ratio Lower Upper
173 100
175 48.5 38.1 57.1
254 9.2 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

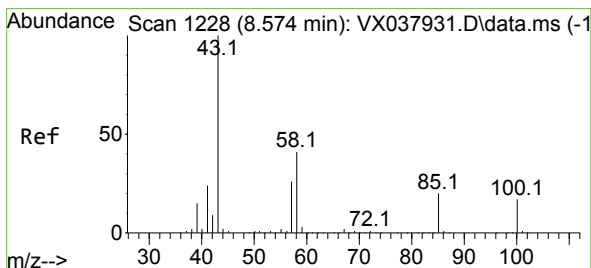
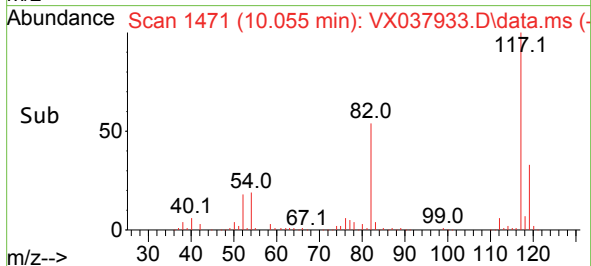
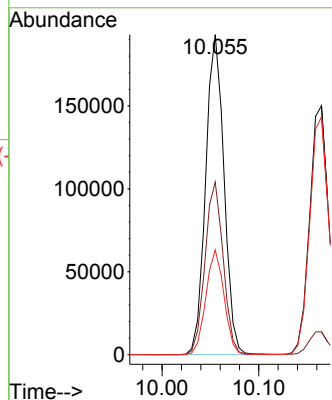
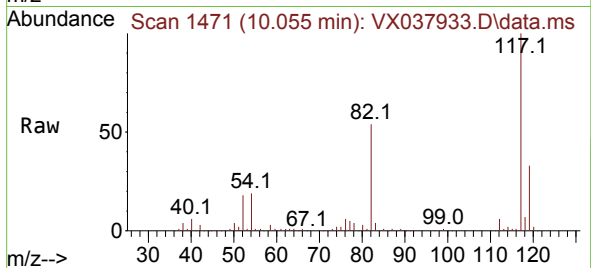
Tgt Ion:117 Resp: 255033

Ion Ratio Lower Upper

117 100

82 53.6 44.7 67.1

119 32.4 25.6 38.4



#58

4-Methyl-2-Pentanone

Concen: 487.991 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

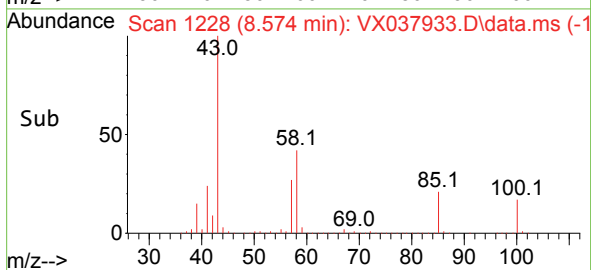
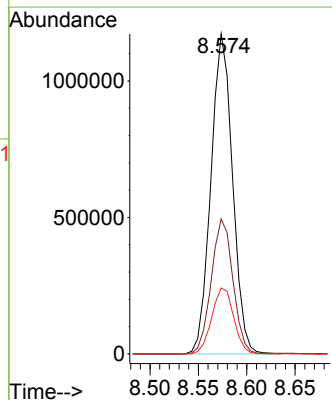
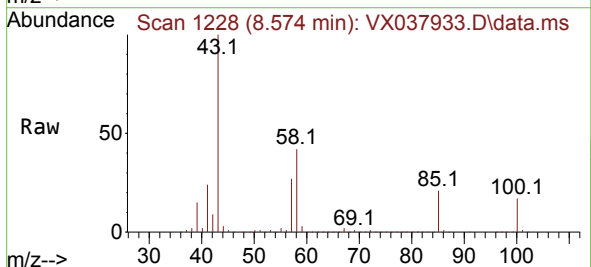
Tgt Ion: 43 Resp: 1821851

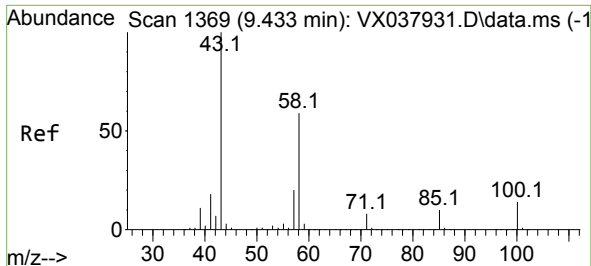
Ion Ratio Lower Upper

43 100

58 42.3 30.9 46.3

85 21.0 14.4 21.6

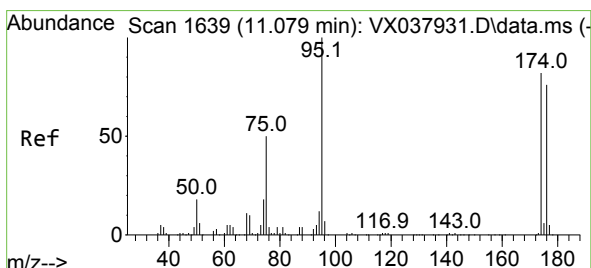
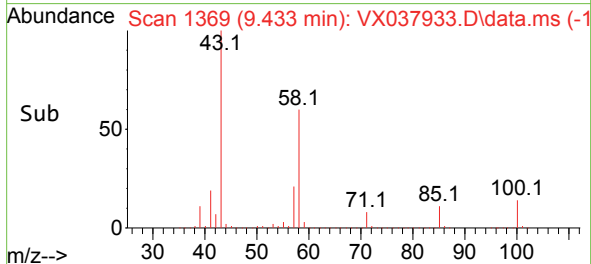
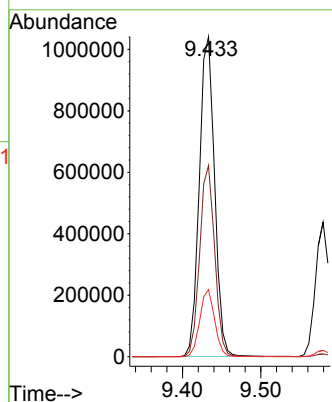
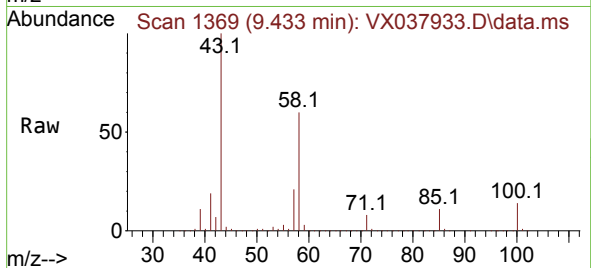




#59
2-Hexanone
Concen: 497.780 ug/l
RT: 9.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

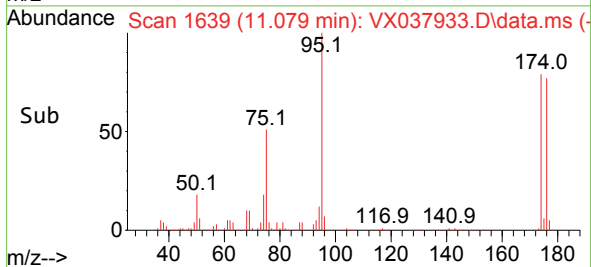
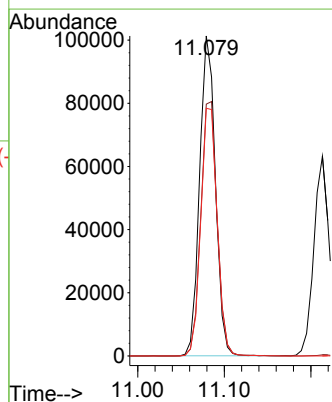
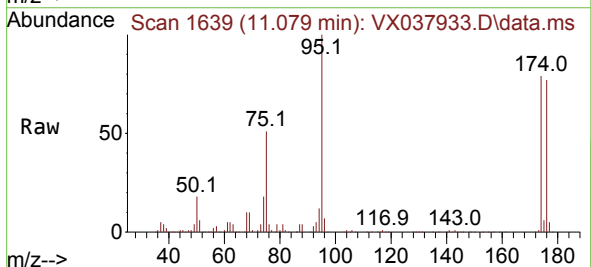
Instrument :
MSVOA_X
ClientSampleId :

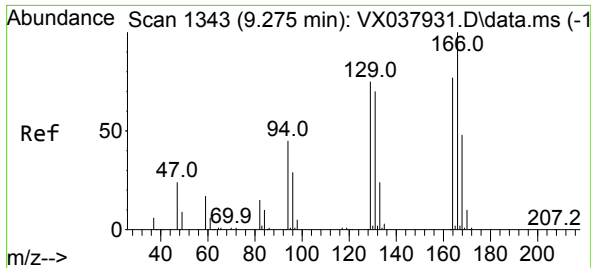
Tgt Ion: 43 Resp: 1411319
Ion Ratio Lower Upper
43 100
58 58.8 43.4 65.2
57 20.5 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 30.738 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

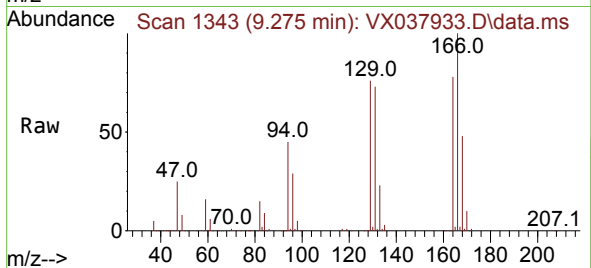
Tgt Ion: 95 Resp: 127793
Ion Ratio Lower Upper
95 100
174 82.5 60.5 90.7
176 80.9 58.2 87.4



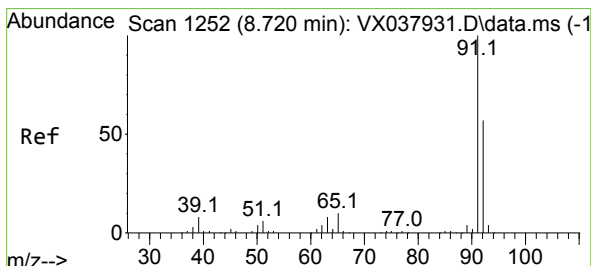
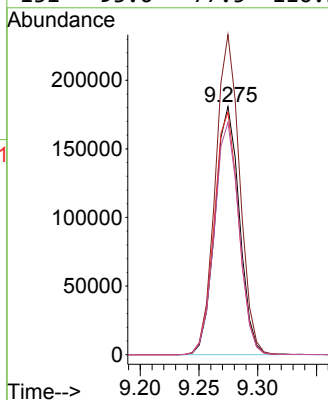
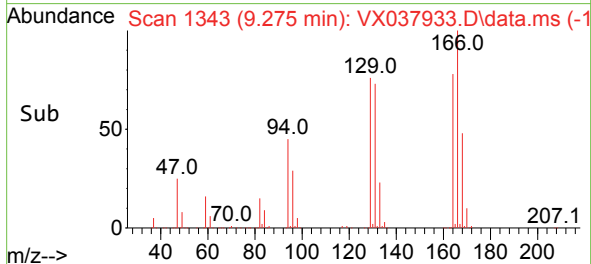


#61
Tetrachloroethene
Concen: 96.434 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Instrument :
MSVOA_X
ClientSampleId :

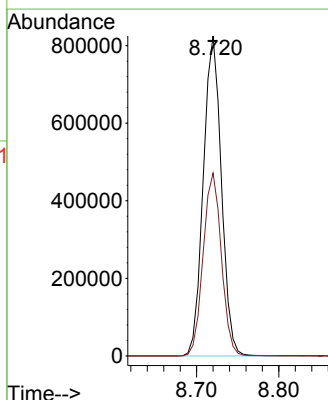
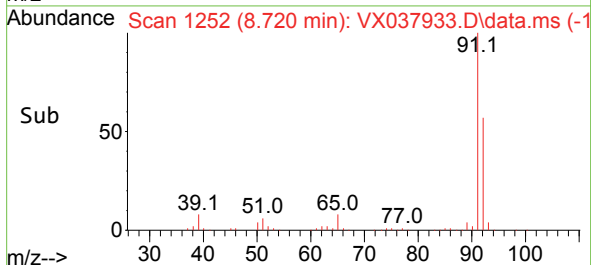
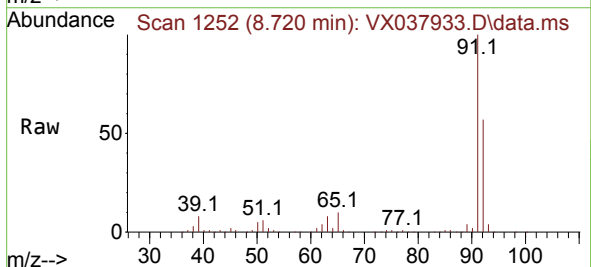


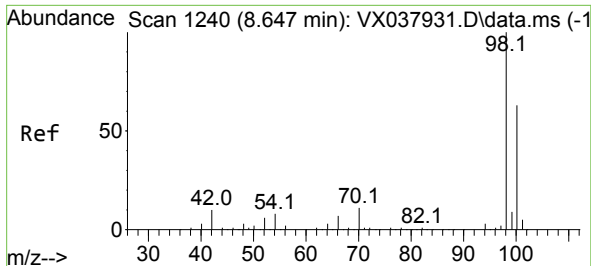
Tgt Ion:164 Resp: 261727
Ion Ratio Lower Upper
164 100
166 129.0 104.5 156.7
129 97.7 78.0 117.0
131 93.6 77.5 116.3



#62
Toluene
Concen: 95.228 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion: 91 Resp: 1259799
Ion Ratio Lower Upper
91 100
92 57.4 44.9 67.3

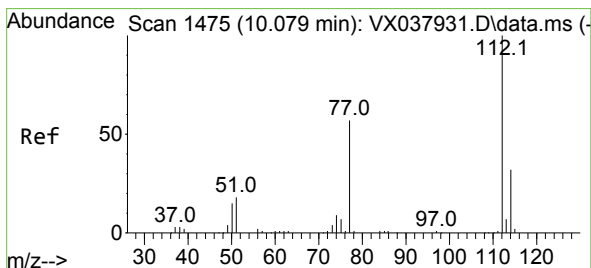
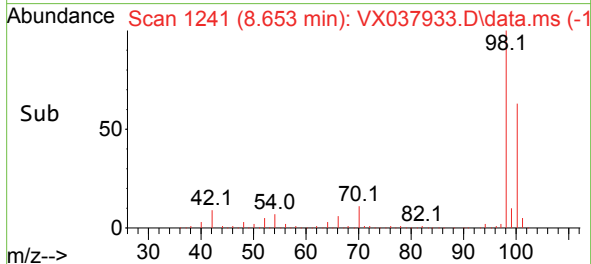
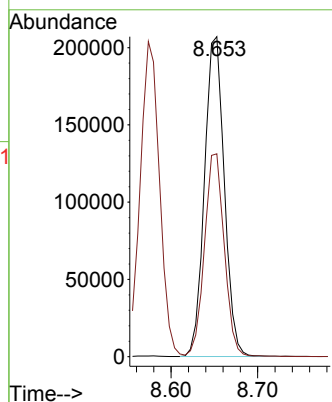
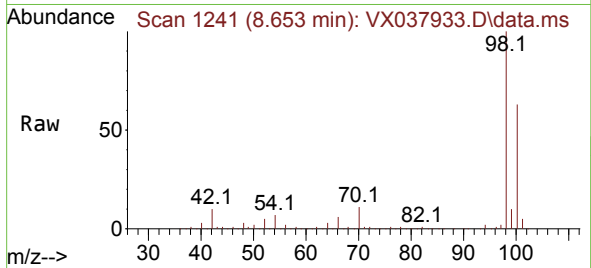




#63
Toluene-d8
Concen: 29.904 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

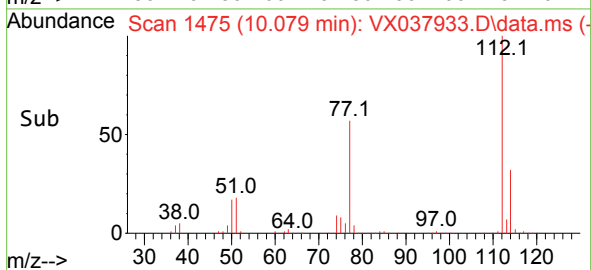
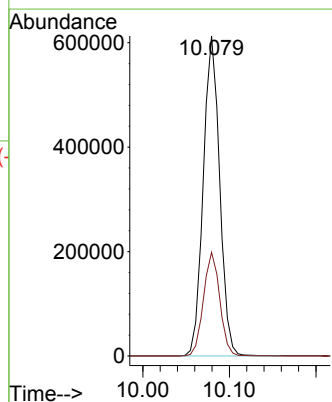
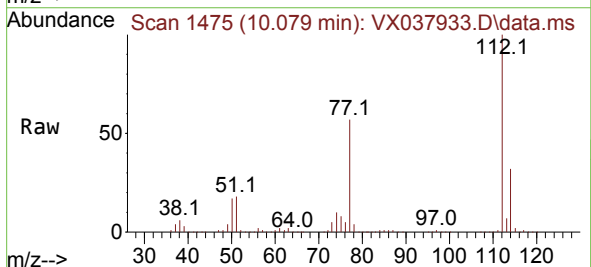
Instrument :
MSVOA_X
ClientSampleId :

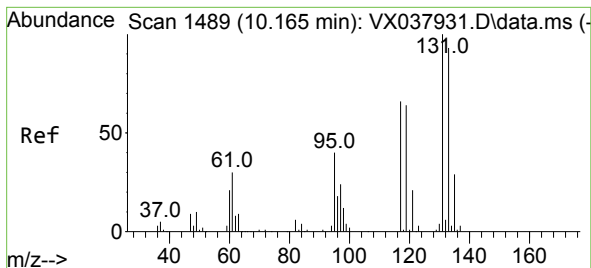
Tgt Ion: 98 Resp: 329226
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



#64
Chlorobenzene
Concen: 97.713 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion: 112 Resp: 806389
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6

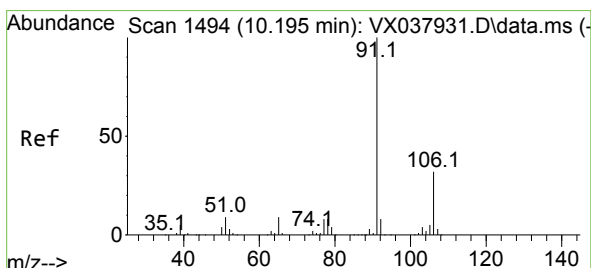
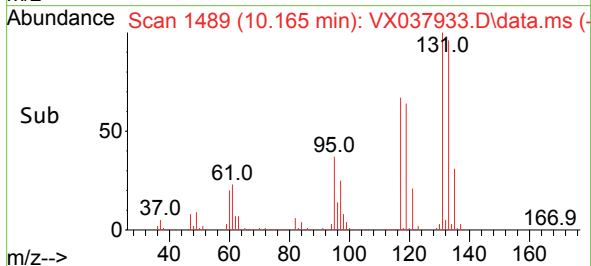
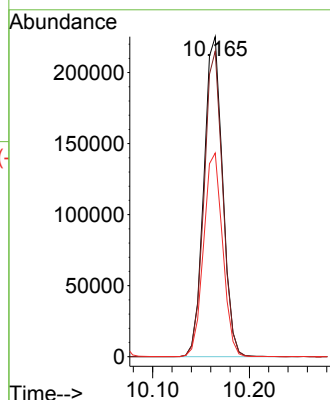
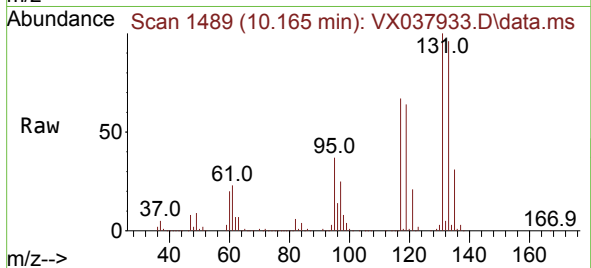




#65
 1,1,1,2-Tetrachloroethane
 Concen: 101.653 ug/l
 RT: 10.165 min Scan# 1489
 Delta R.T. -0.000 min
 Lab File: VX037933.D
 Acq: 27 Sep 2023 19:36

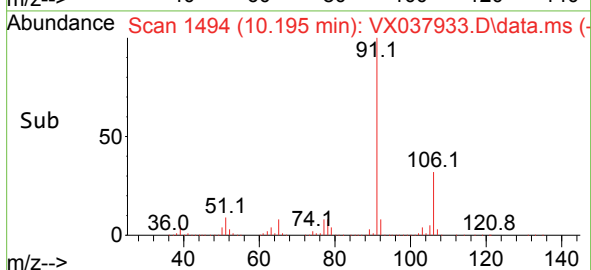
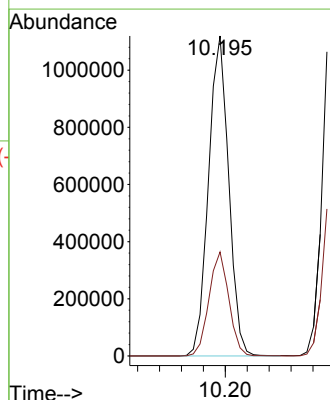
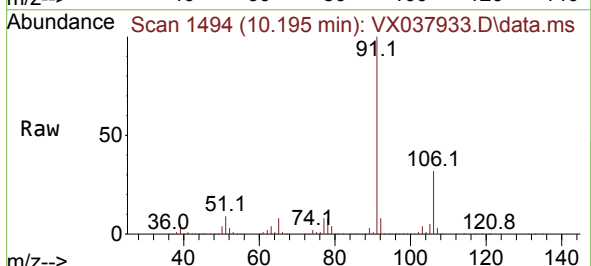
Instrument :
 MSVOA_X
 ClientSampleId :

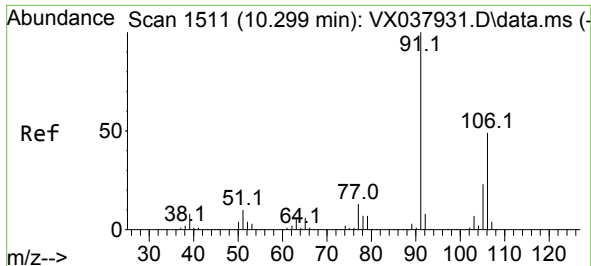
Tgt Ion:131 Resp: 304515
 Ion Ratio Lower Upper
 131 100
 133 94.8 0.0 192.0
 119 64.5 0.0 132.8



#66
 Ethyl Benzene
 Concen: 97.943 ug/l
 RT: 10.195 min Scan# 1494
 Delta R.T. -0.000 min
 Lab File: VX037933.D
 Acq: 27 Sep 2023 19:36

Tgt Ion: 91 Resp: 1430025
 Ion Ratio Lower Upper
 91 100
 106 32.5 24.2 36.4

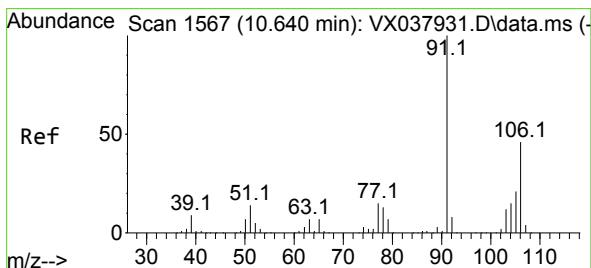
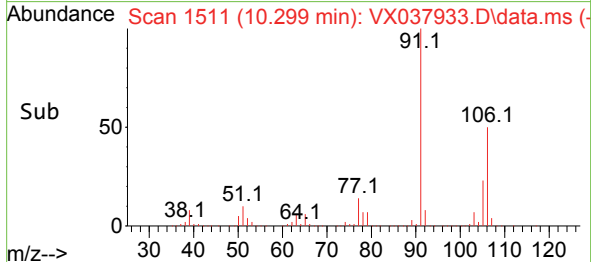
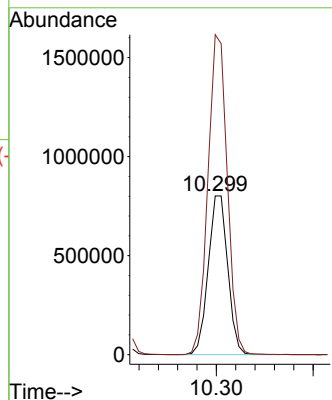
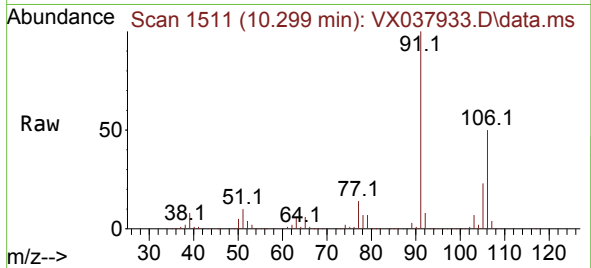




#67
m/p-Xylenes
Concen: 195.755 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

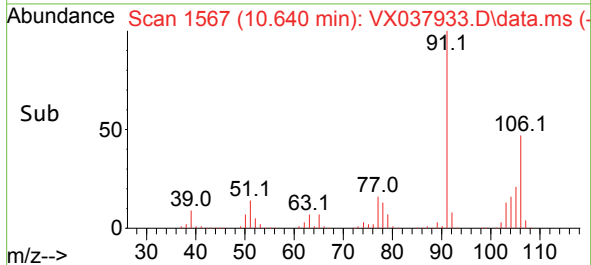
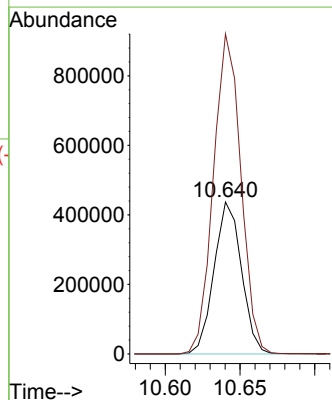
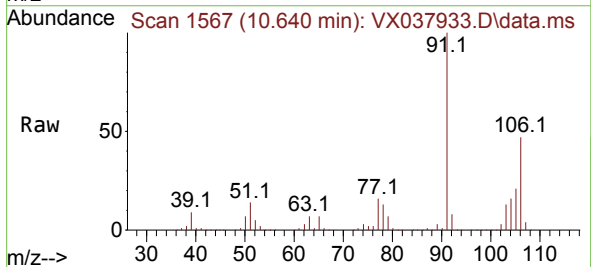
Instrument :
MSVOA_X
ClientSampleId :

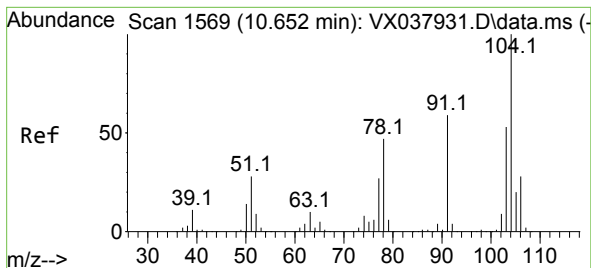
Tgt Ion:106 Resp: 1125919
Ion Ratio Lower Upper
106 100
91 199.8 160.5 240.7



#68
o-Xylene
Concen: 99.967 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion:106 Resp: 556798
Ion Ratio Lower Upper
106 100
91 211.4 105.4 316.1





#69

Styrene

Concen: 101.536 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

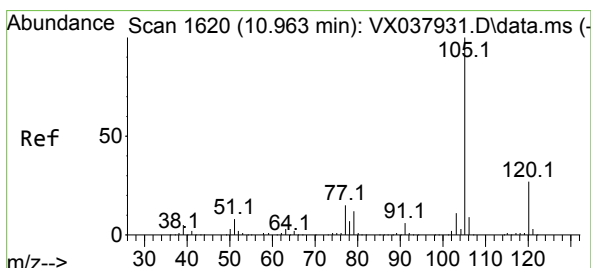
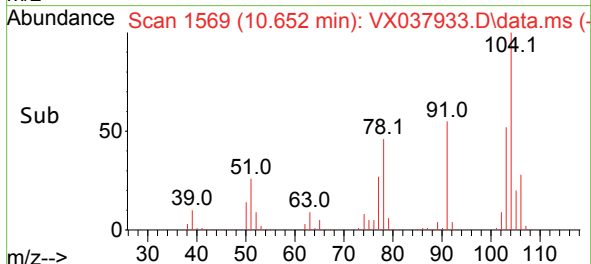
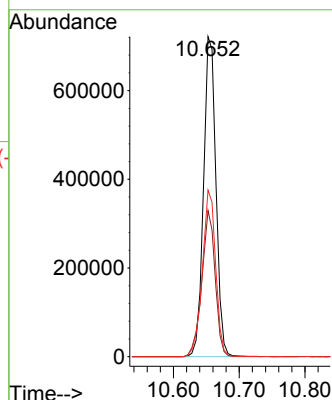
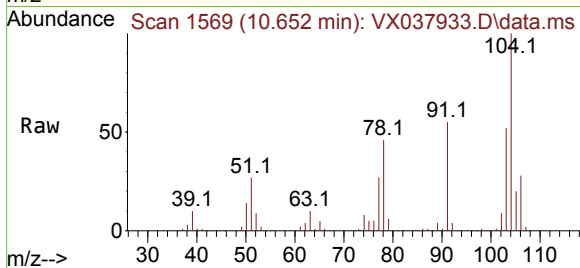
Tgt Ion:104 Resp: 948767

Ion Ratio Lower Upper

104 100

78 48.8 41.0 61.4

103 55.7 45.5 68.3



#70

Isopropylbenzene

Concen: 98.546 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX037933.D

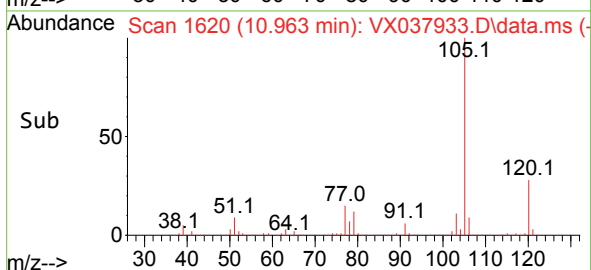
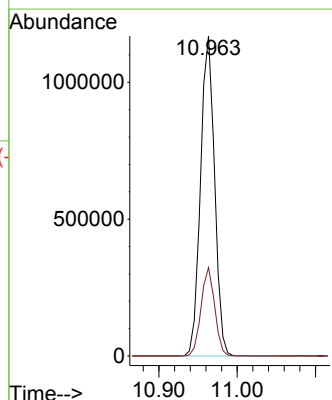
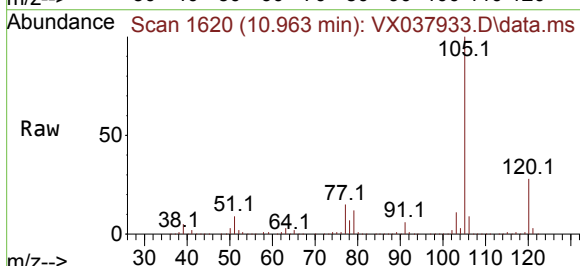
Acq: 27 Sep 2023 19:36

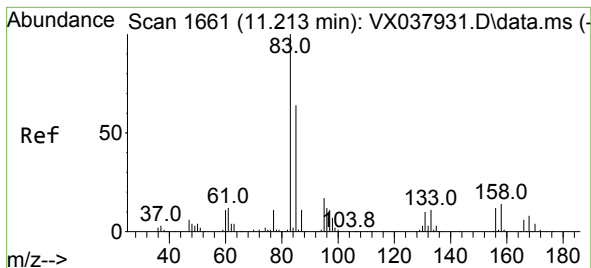
Tgt Ion:105 Resp: 1456695

Ion Ratio Lower Upper

105 100

120 26.8 19.5 36.3

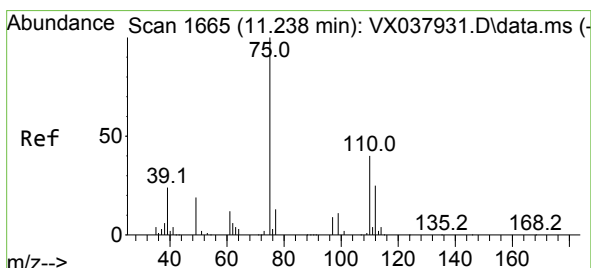
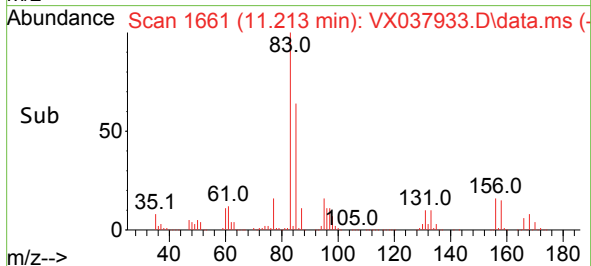
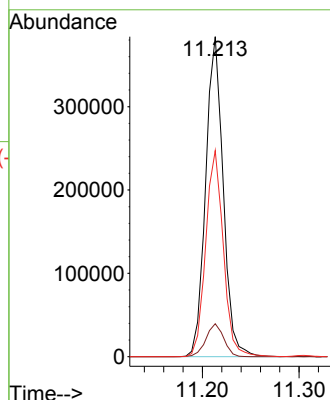
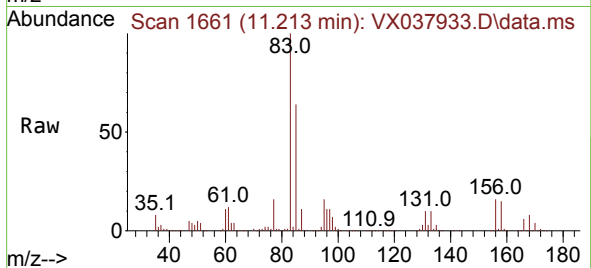




#71
 1,1,2,2-Tetrachloroethane
 Concen: 99.682 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. -0.000 min
 Lab File: VX037933.D
 Acq: 27 Sep 2023 19:36

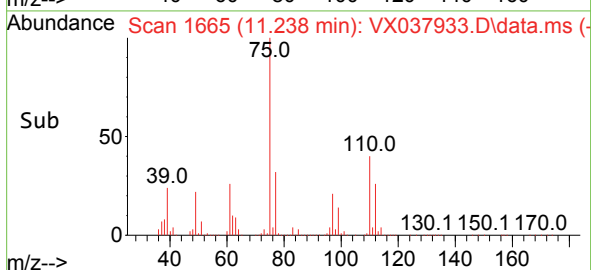
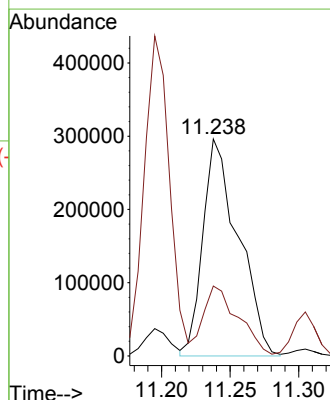
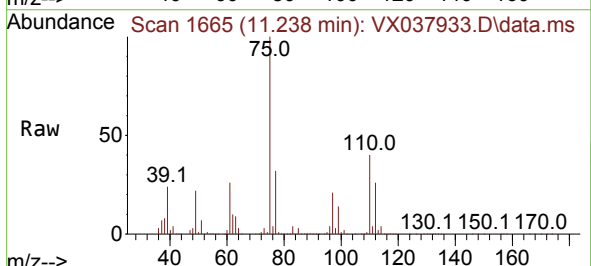
Instrument :
 MSVOA_X
 ClientSampleId :

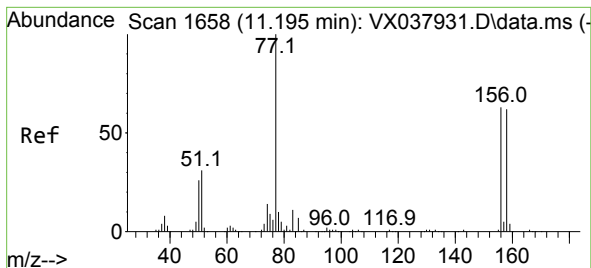
Tgt Ion: 83 Resp: 485631
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.3 15.8
 85 64.7 32.4 97.0



#72
 1,2,3-Trichloropropane
 Concen: 124.772 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX037933.D
 Acq: 27 Sep 2023 19:36

Tgt Ion: 75 Resp: 533725
 Ion Ratio Lower Upper
 75 100
 77 32.0 0.0 77.2





#73

Bromobenzene

Concen: 100.462 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

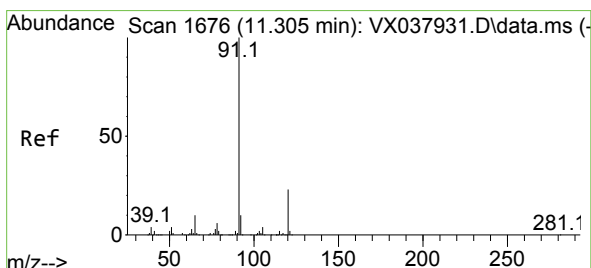
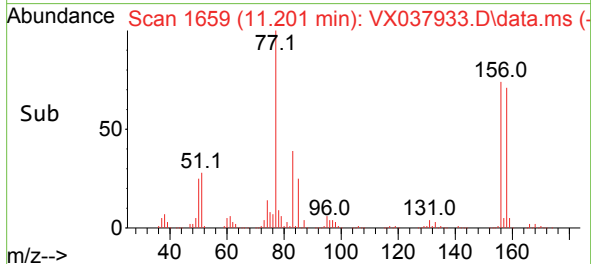
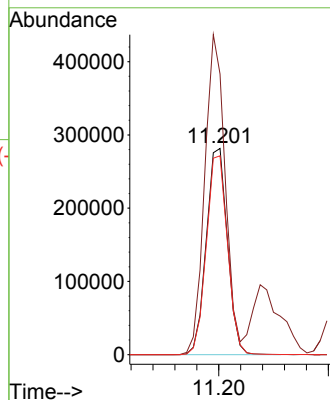
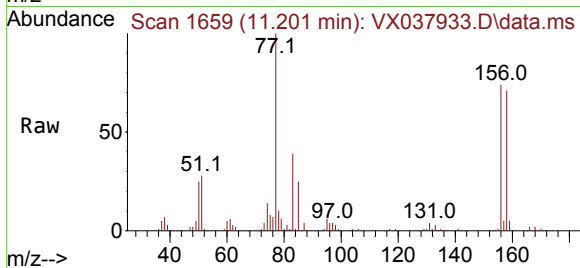
Tgt Ion:156 Resp: 376662

Ion Ratio Lower Upper

156 100

77 149.6 0.0 333.0

158 96.9 0.0 196.4



#74

n-propylbenzene

Concen: 98.843 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037933.D

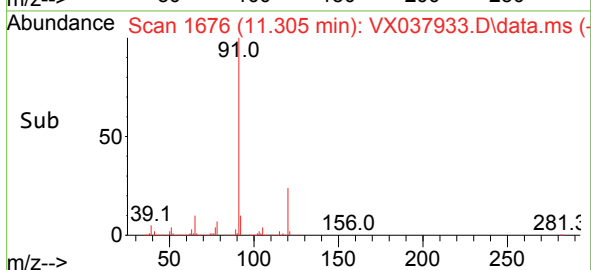
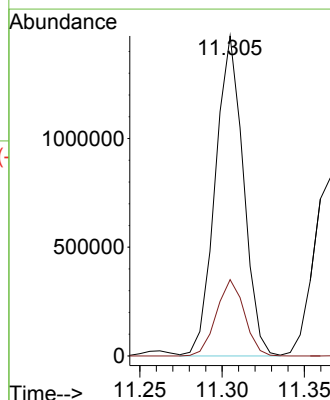
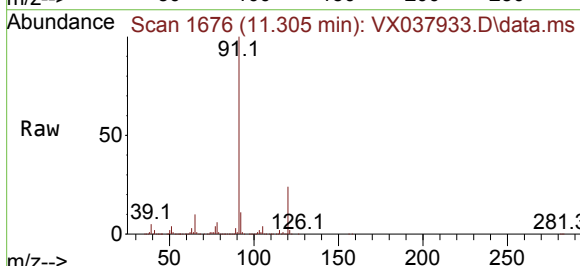
Acq: 27 Sep 2023 19:36

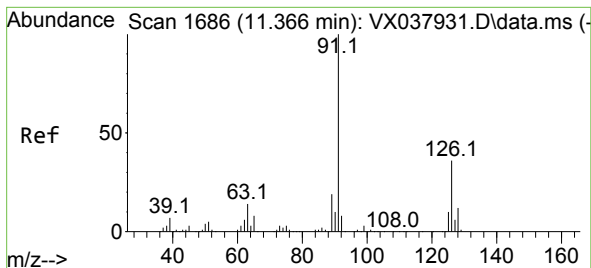
Tgt Ion: 91 Resp: 1745530

Ion Ratio Lower Upper

91 100

120 23.7 0.0 46.6





#75

2-Chlorotoluene

Concen: 99.385 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

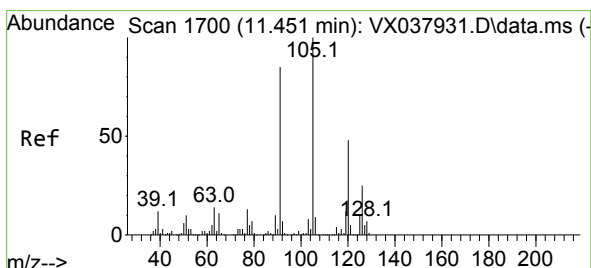
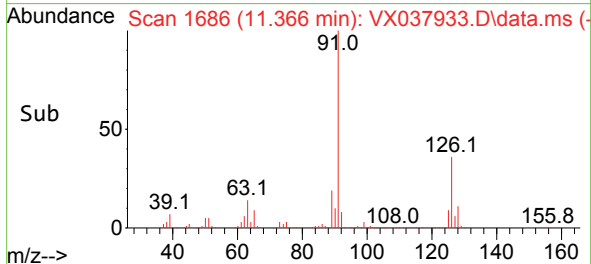
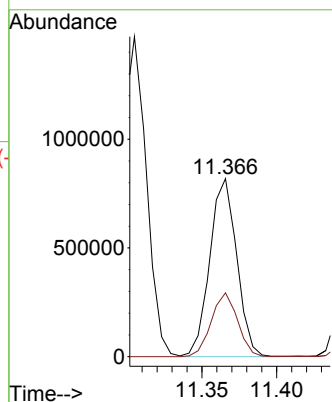
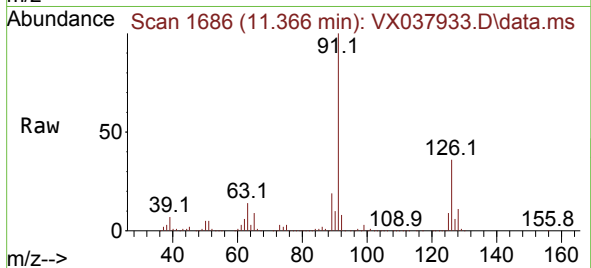
ClientSampleId :

Tgt Ion: 91 Resp: 1027510

Ion Ratio Lower Upper

91 100

126 35.0 0.0 66.2



#76

1,3,5-Trimethylbenzene

Concen: 100.926 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX037933.D

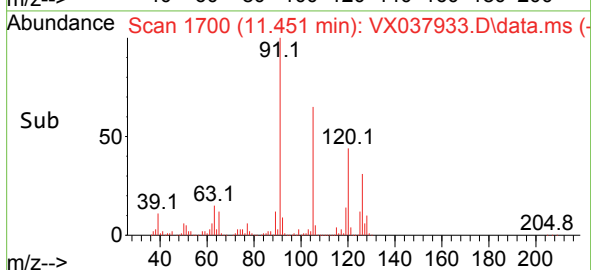
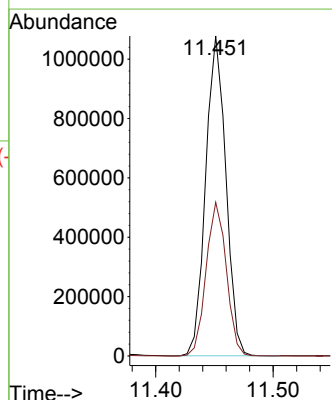
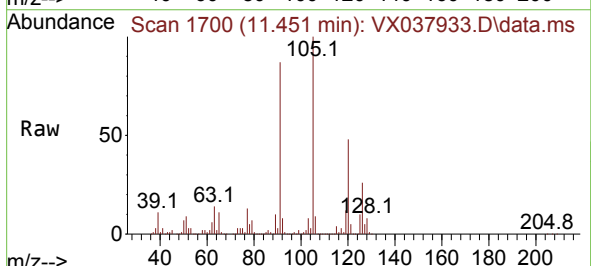
Acq: 27 Sep 2023 19:36

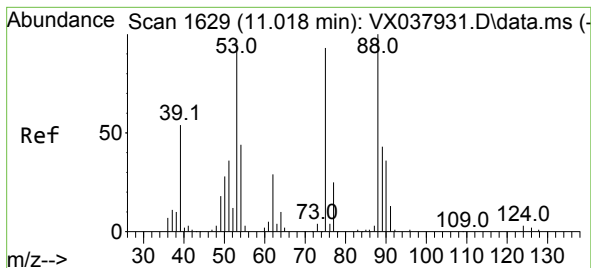
Tgt Ion:105 Resp: 1286515

Ion Ratio Lower Upper

105 100

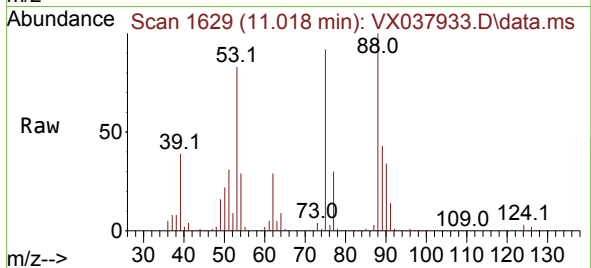
120 48.1 0.0 96.4



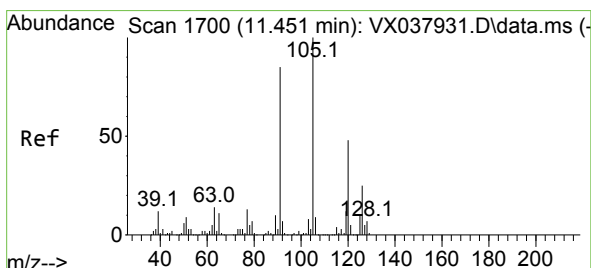
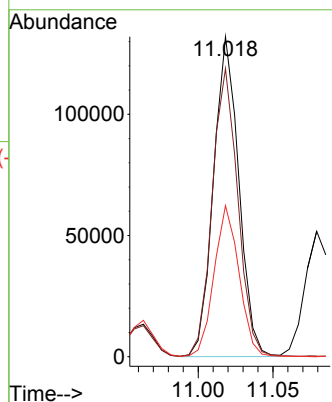
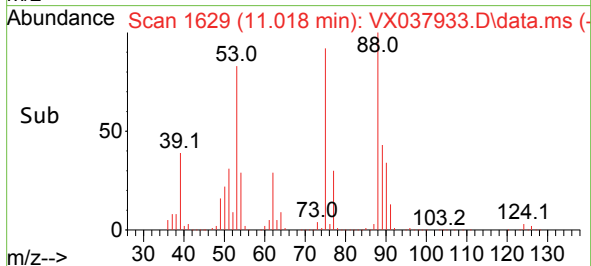


#77
t-1,4-Dichloro-2-butene
Concen: 114.617 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Instrument :
MSVOA_X
ClientSampleId :

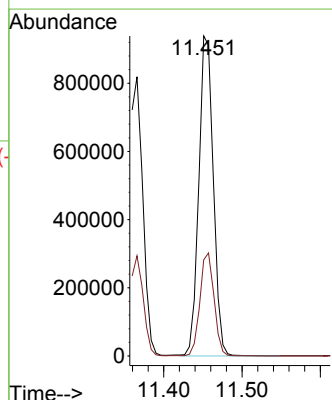
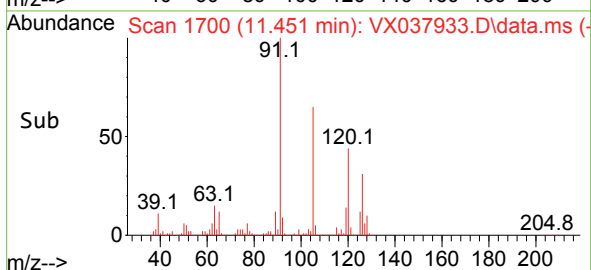
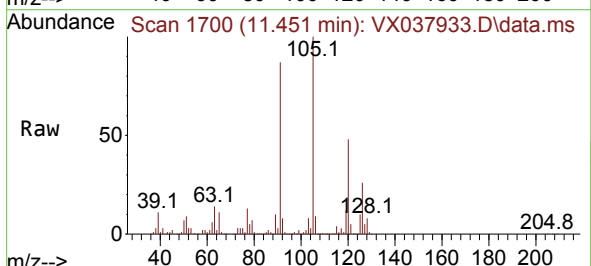


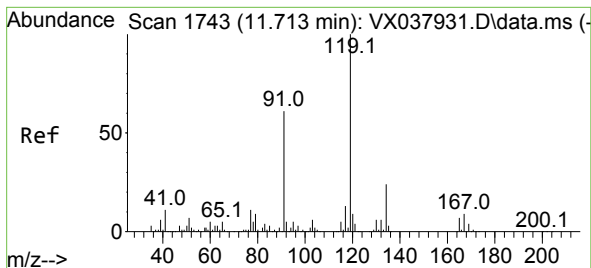
Tgt Ion: 75 Resp: 155279
Ion Ratio Lower Upper
75 100
53 90.0 53.9 161.7
89 47.1 22.1 66.1



#78
4-Chlorotoluene
Concen: 99.884 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion: 91 Resp: 1211400
Ion Ratio Lower Upper
91 100
126 31.3 0.0 59.4





#79

tert-butylbenzene

Concen: 101.647 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

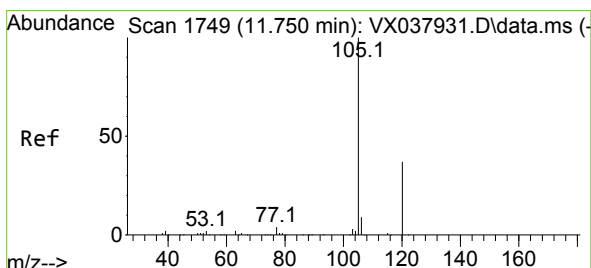
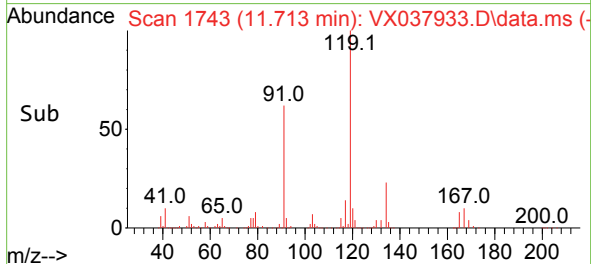
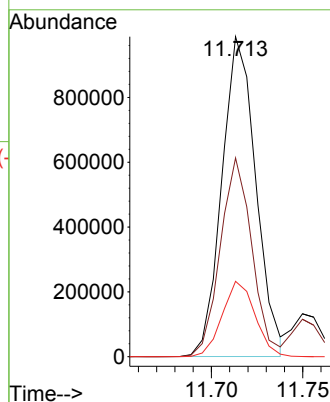
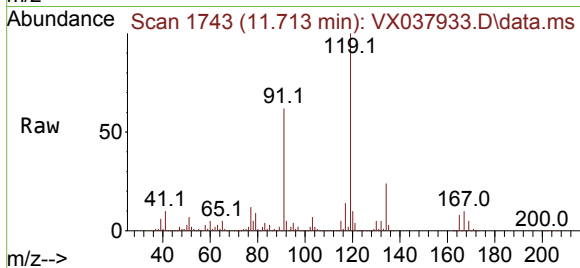
Tgt Ion:119 Resp: 1275279

Ion Ratio Lower Upper

119 100

91 57.9 0.0 124.4

134 22.8 0.0 47.2



#80

1,2,4-Trimethylbenzene

Concen: 100.768 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX037933.D

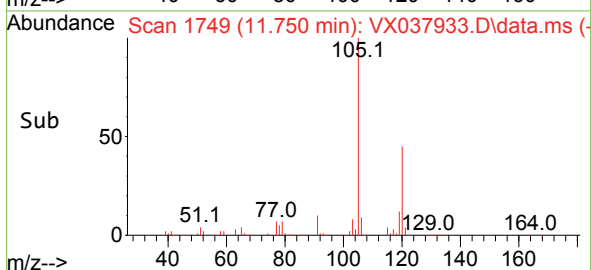
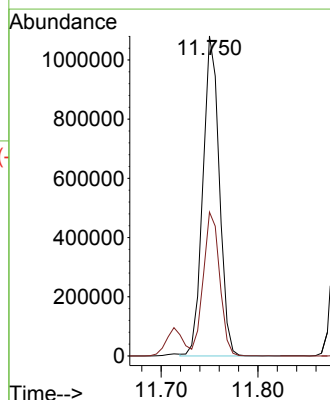
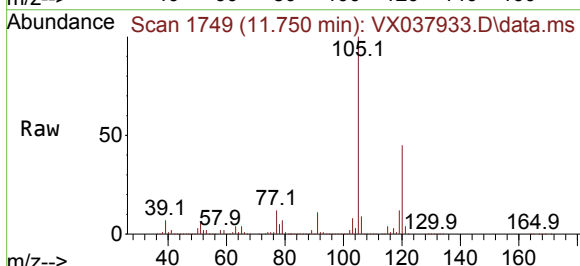
Acq: 27 Sep 2023 19:36

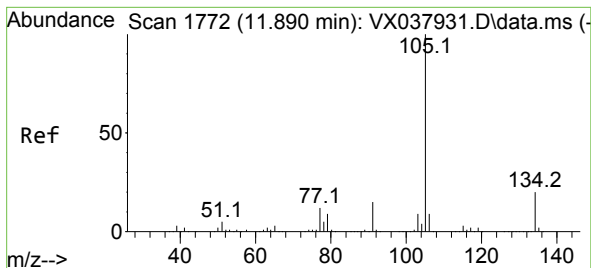
Tgt Ion:105 Resp: 1276930

Ion Ratio Lower Upper

105 100

120 44.8 0.0 90.2

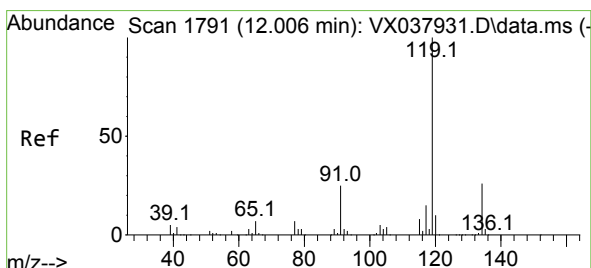
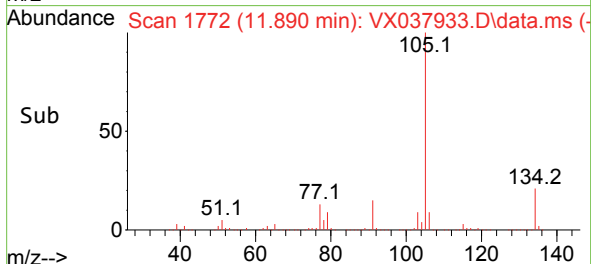
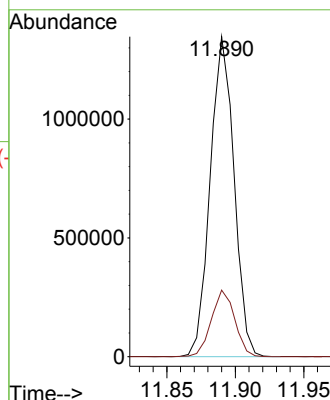
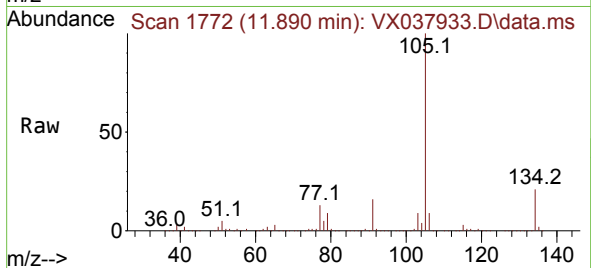




#81
 sec-Butylbenzene
 Concen: 100.802 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037933.D
 Acq: 27 Sep 2023 19:36

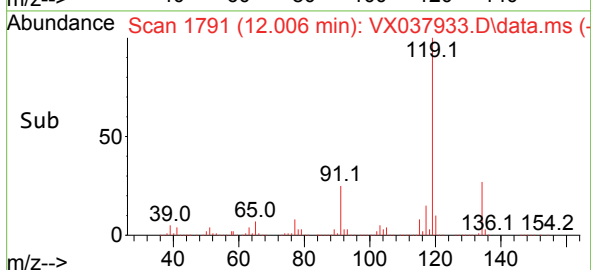
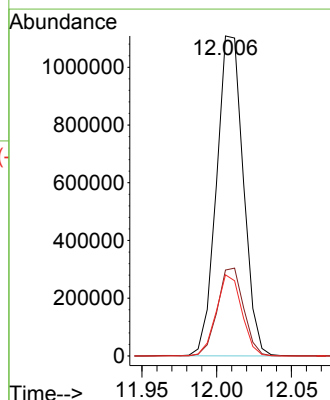
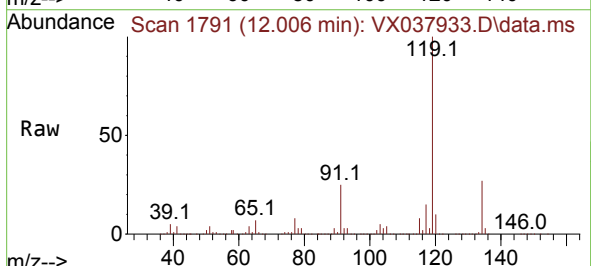
Instrument :
 MSVOA_X
 ClientSampleId :

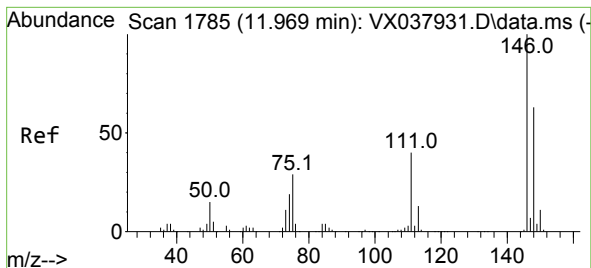
Tgt Ion:105 Resp: 1626378
 Ion Ratio Lower Upper
 105 100
 134 20.5 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 101.954 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX037933.D
 Acq: 27 Sep 2023 19:36

Tgt Ion:119 Resp: 1381038
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 53.2
 91 24.2 0.0 49.4





#83

1,3-Dichlorobenzene

Concen: 101.413 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

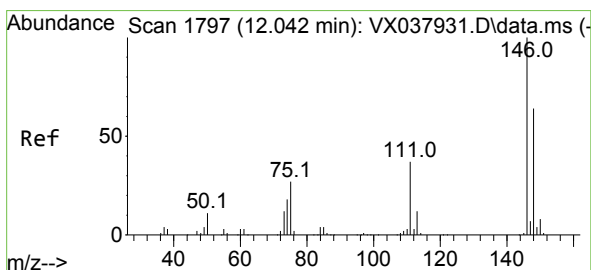
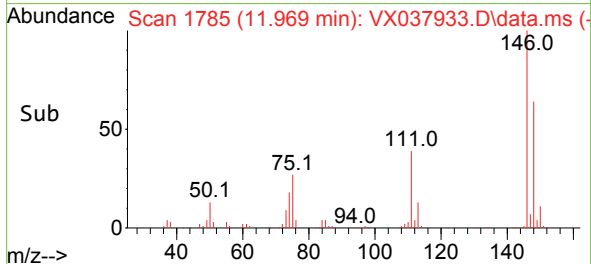
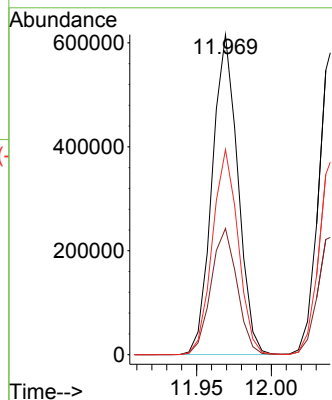
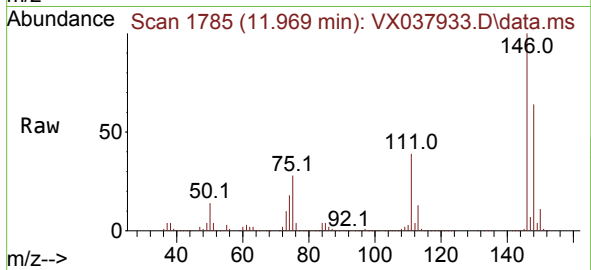
Tgt Ion:146 Resp: 734676

Ion Ratio Lower Upper

146 100

111 40.0 20.4 61.2

148 64.2 31.6 94.8



#84

1,4-Dichlorobenzene

Concen: 101.366 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

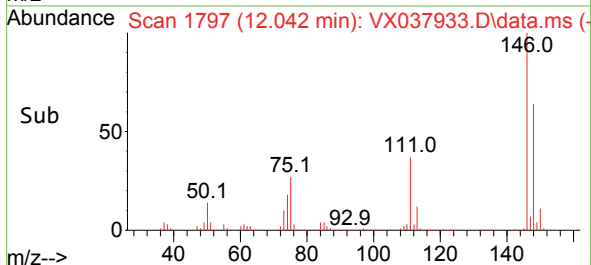
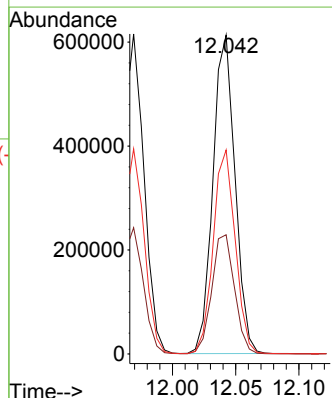
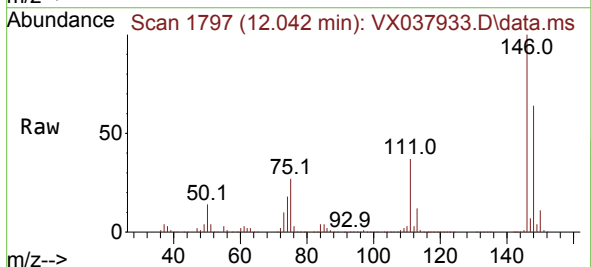
Tgt Ion:146 Resp: 744111

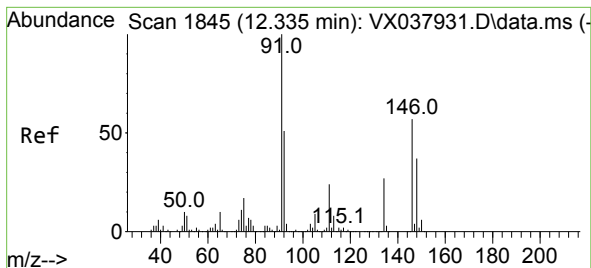
Ion Ratio Lower Upper

146 100

111 38.5 20.2 60.6

148 63.9 32.1 96.3





#85

n-Butylbenzene

Concen: 103.618 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

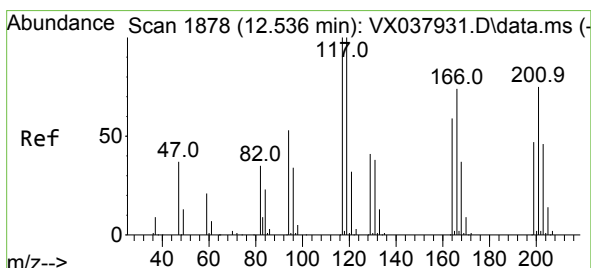
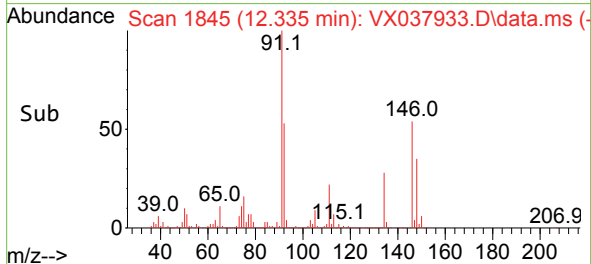
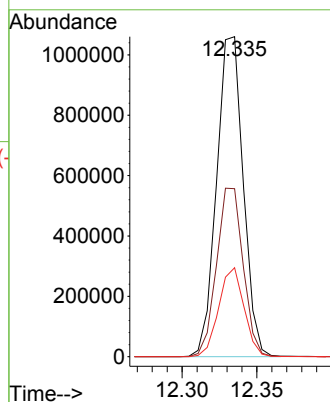
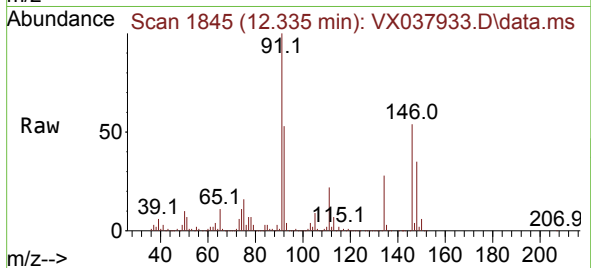
Tgt Ion: 91 Resp: 1313209

Ion Ratio Lower Upper

91 100

92 52.6 0.0 105.2

134 26.5 0.0 51.4



#86

Hexachloroethane

Concen: 110.171 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037933.D

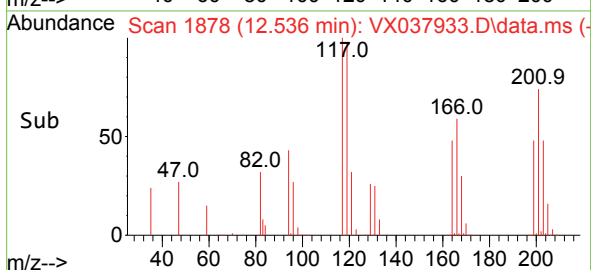
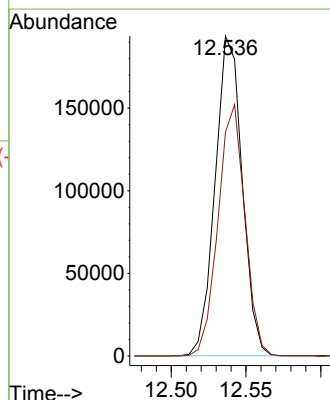
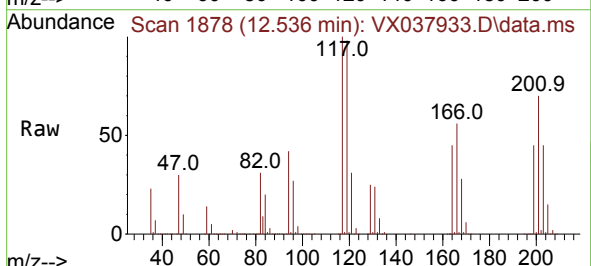
Acq: 27 Sep 2023 19:36

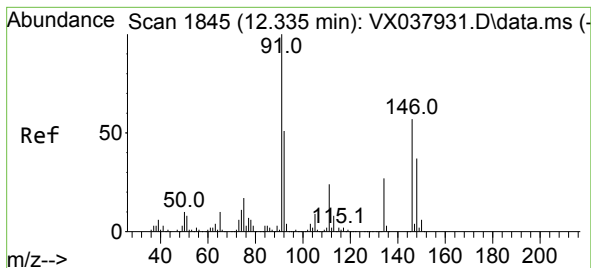
Tgt Ion: 117 Resp: 243139

Ion Ratio Lower Upper

117 100

201 78.2 36.0 108.0





#87

1,2-Dichlorobenzene

Concen: 99.625 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

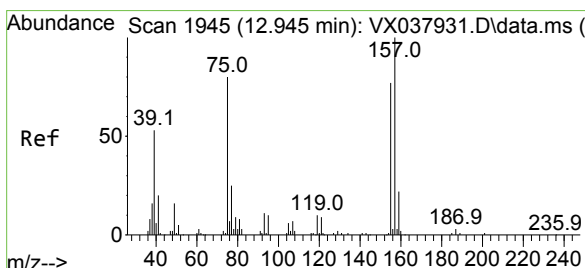
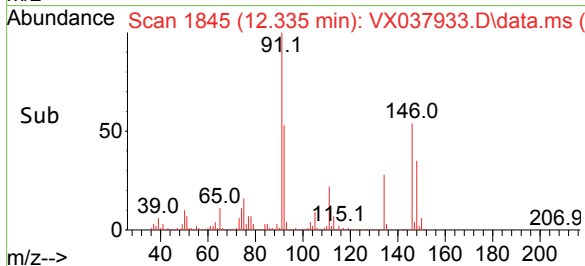
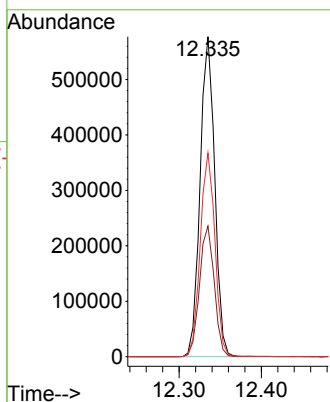
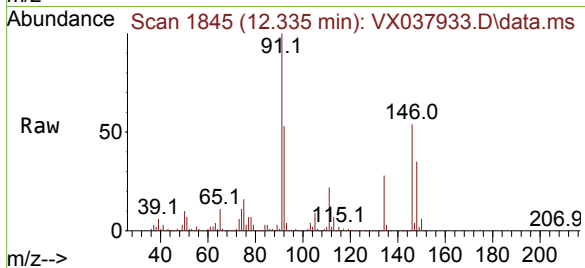
Tgt Ion:146 Resp: 711091

Ion Ratio Lower Upper

146 100

111 41.4 21.4 64.3

148 64.0 33.2 99.6



#88

1,2-Dibromo-3-Chloropropane

Concen: 104.060 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

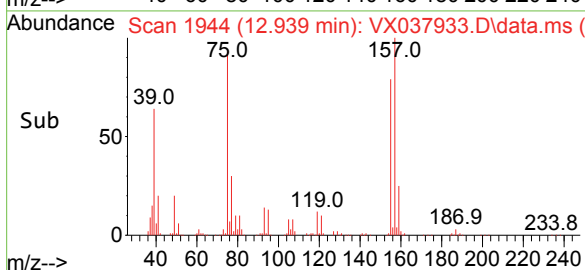
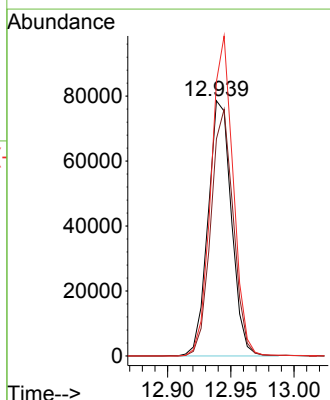
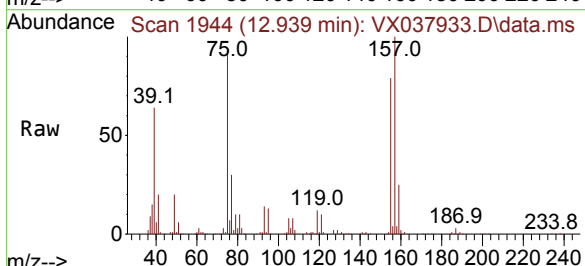
Tgt Ion: 75 Resp: 100976

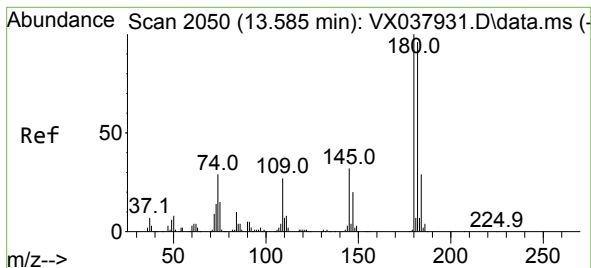
Ion Ratio Lower Upper

75 100

155 92.9 62.7 94.1

157 118.7 81.5 122.3





#89

1,2,4-Trichlorobenzene

Concen: 100.754 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

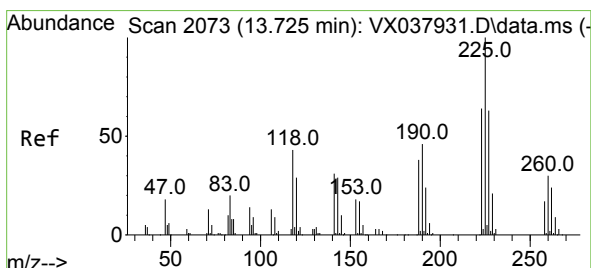
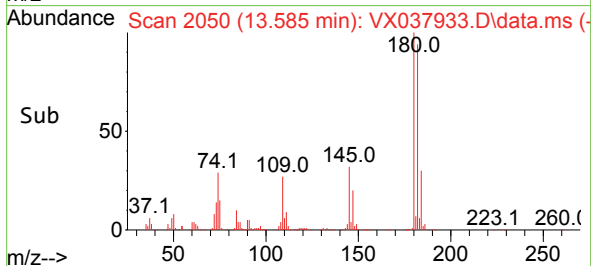
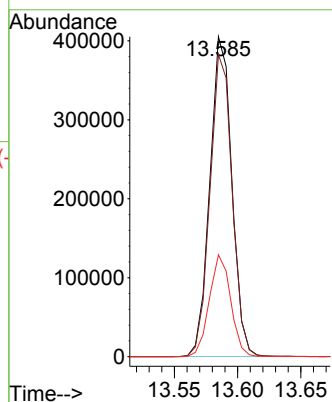
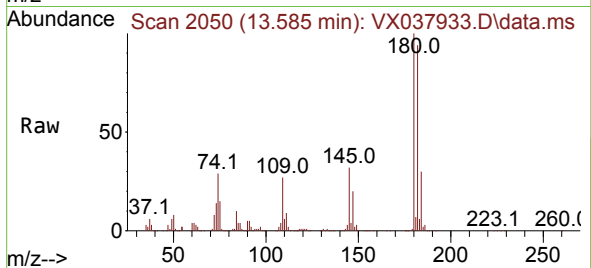
Tgt Ion:180 Resp: 489284

Ion Ratio Lower Upper

180 100

182 95.1 75.6 113.4

145 31.2 25.4 38.2



#90

Hexachlorobutadiene

Concen: 101.538 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

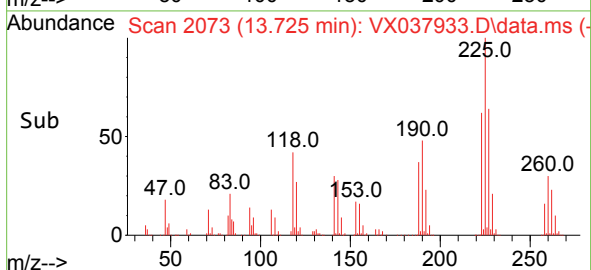
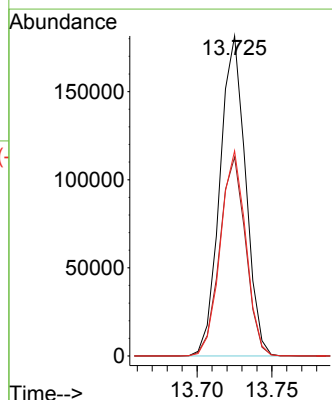
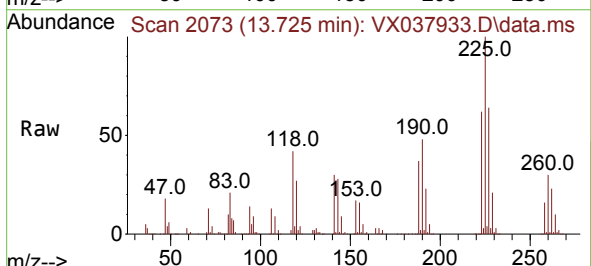
Tgt Ion:225 Resp: 216622

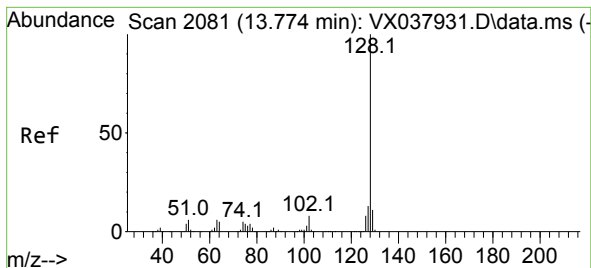
Ion Ratio Lower Upper

225 100

223 62.7 0.0 124.2

227 63.5 0.0 120.4





#91

Naphthalene

Concen: 101.245 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

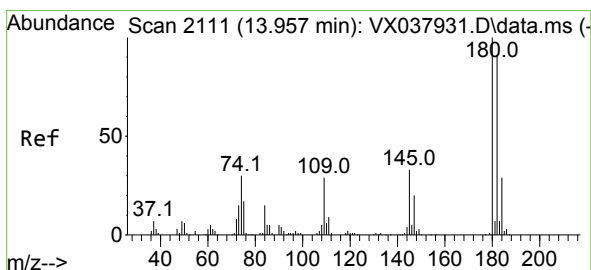
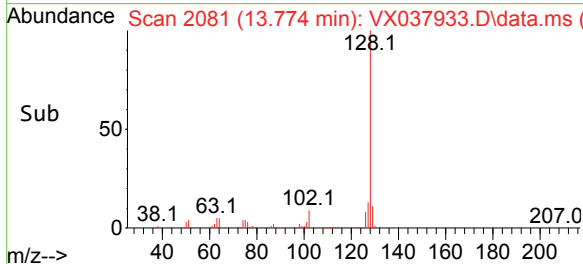
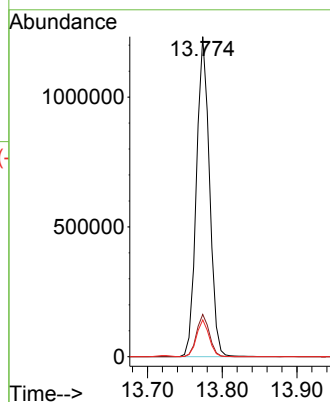
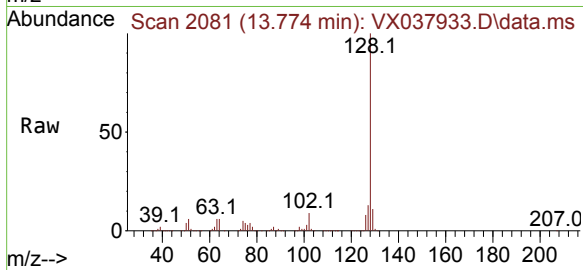
Tgt Ion:128 Resp: 1491175

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.1 8.7 13.1



#92

1,2,3-Trichlorobenzene

Concen: 101.631 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Tgt Ion:180 Resp: 480494

Ion Ratio Lower Upper

180 100

182 94.6 0.0 190.6

145 32.7 0.0 66.8

