

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092023\
 Data File : VX037835.D
 Acq On : 20 Sep 2023 16:16
 Operator : JC/MD
 Sample : 04511-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 21 05:58:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	226616	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	379026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	198136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137229	46.090	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.180%		
35) Dibromofluoromethane	5.385	113	115706	45.624	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.240%		
50) Toluene-d8	8.647	98	461504	48.976	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.960%		
62) 4-Bromofluorobenzene	11.079	95	178624	52.165	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.340%		
Target Compounds						
						Qvalue
8) Diethyl Ether	2.142	74	1079	0.618	ug/l	# 1
11) Tert butyl alcohol	2.971	59	8414	13.166	ug/l	# 91
13) Acrolein	2.246	56	576	0.912	ug/l	# 14
14) Allyl chloride	2.648	41	1570	0.426	ug/l	# 58
15) Acrylonitrile	3.105	53	2608	1.835	ug/l	# 24
16) Acetone	2.386	43	162267	113.291	ug/l	# 91
17) Carbon Disulfide	2.508	76	3434	0.620	ug/l	# 95
18) Methyl Acetate	2.709	43	18210	3.524	ug/l	# 92
19) Methyl tert-butyl Ether	3.117	73	131493	16.168	ug/l	# 98
20) Methylene Chloride	2.788	84	2594	0.955	ug/l	# 80
21) trans-1,2-Dichloroethene	3.105	96	863	0.352	ug/l	# 52
22) Diisopropyl ether	3.764	45	7891	1.029	ug/l	# 66
23) Vinyl Acetate	3.757	43	5549	0.984	ug/l	# 73
25) 2-Butanone	4.715	43	3149491	1558.215	ug/l	# 51
31) Cyclohexane	5.471	56	2441	0.639	ug/l	# 88
36) 1,1-Dichloropropene	5.690	75	716	0.205	ug/l	# 79
37) Ethyl Acetate	4.715	43	3152048	820.704	ug/l	# 94
38) Carbon Tetrachloride	5.556	117	22272	6.093	ug/l	# 14
39) Methylcyclohexane	7.379	83	1245	0.281	ug/l	# 71
40) Benzene	6.038	78	734591	68.377	ug/l	# 99
41) Methacrylonitrile	5.013	41	5585	2.852	ug/l	# 52
42) 1,2-Dichloroethane	6.038	62	6792	1.749	ug/l	# 77
43) Isopropyl Acetate	6.117	43	154738	25.196	ug/l	# 62
44) Trichloroethene	7.135	130	729	0.244	ug/l	# 63
49) 1,4-Dioxane	7.684	88	228	2.962	ug/l	# 38
51) 4-Methyl-2-Pentanone	8.580	43	2313	0.594	ug/l	# 88
52) Toluene	8.720	92	882030	127.392	ug/l	# 96
59) 2-Hexanone	9.342	43	93360	30.774	ug/l	# 26
64) Tetrachloroethene	9.269	164	538	0.215	ug/l	# 70
67) Ethyl Benzene	10.195	91	111544	8.144	ug/l	# 97
68) m/p-Xylenes	10.299	106	142190	26.866	ug/l	# 97
69) o-Xylene	10.640	106	81261	15.311	ug/l	# 99
70) Styrene	10.646	104	7475	0.877	ug/l	# 1
73) Isopropylbenzene	10.964	105	6575	0.452	ug/l	# 98
74) N-amyl acetate	10.579	43	313158	53.195	ug/l	# 18
76) 1,2,3-Trichloropropane	11.079	75	90840	19.822	ug/l	# 39

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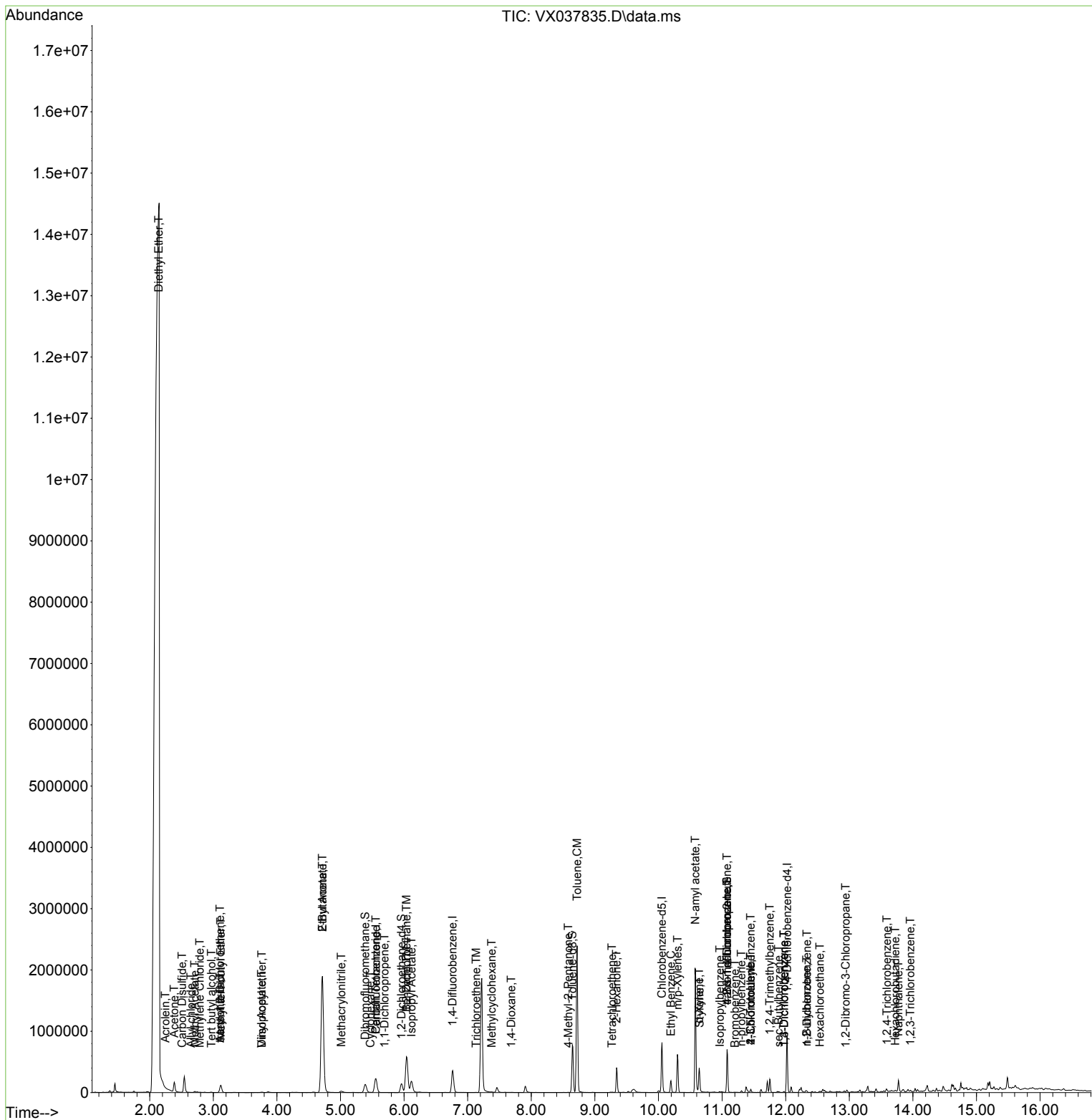
Quant Time: Sep 21 05:58:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
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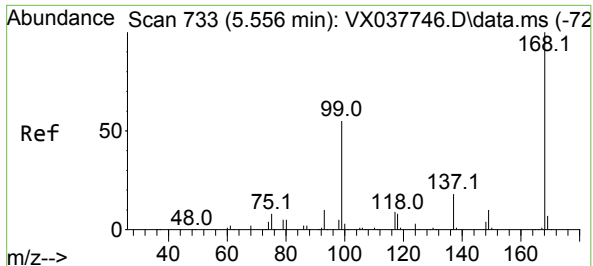
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

77) Bromobenzene	11.201	156	765	0.213	ug/l	92
78) n-propylbenzene	11.305	91	14462	0.881	ug/l	98
79) 2-Chlorotoluene	11.451	91	5189	0.513	ug/l	75
80) 1,3,5-Trimethylbenzene	11.451	105	20071	1.635	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	90840	63.498	ug/l #	5
82) 4-Chlorotoluene	11.451	91	5189	0.455	ug/l	81
84) 1,2,4-Trimethylbenzene	11.750	105	92232	7.551	ug/l	96
85) sec-Butylbenzene	11.890	105	4692	0.312	ug/l	93
87) 1,3-Dichlorobenzene	11.976	146	2296	0.342	ug/l	93
88) 1,4-Dichlorobenzene	11.976	146	2296	0.335	ug/l	92
89) n-Butylbenzene	12.329	91	8561	0.779	ug/l #	68
90) Hexachloroethane	12.536	117	1441	0.678	ug/l #	28
91) 1,2-Dichlorobenzene	12.335	146	1832	0.268	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	12.945	75	246	0.241	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	3323	0.824	ug/l #	85
94) Hexachlorobutadiene	13.725	225	2219	1.178	ug/l	100
95) Naphthalene	13.774	128	113292	8.305	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	3763	0.907	ug/l #	87

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

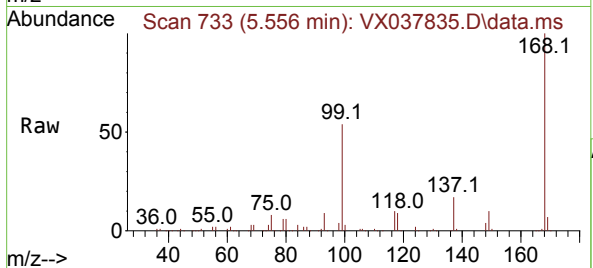
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Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
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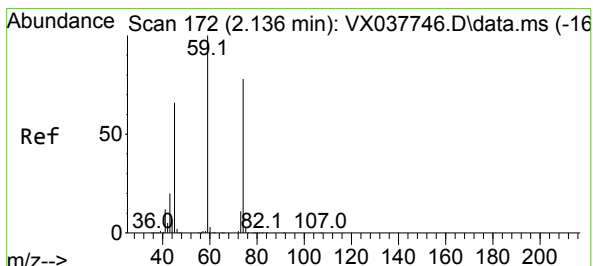
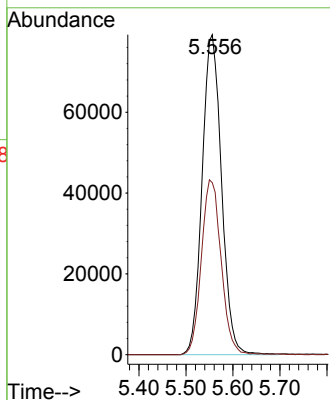
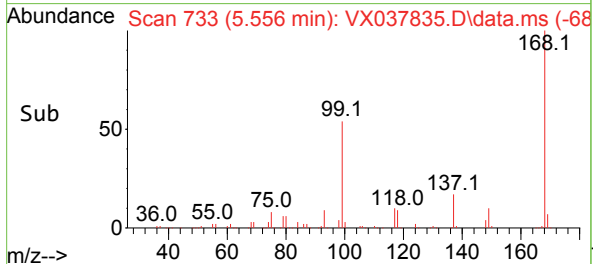


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037835.D
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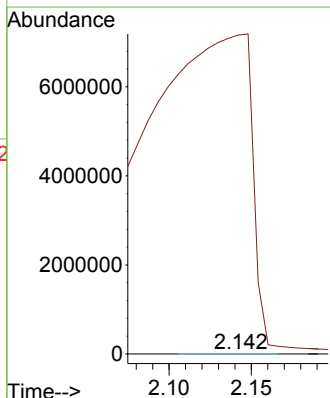
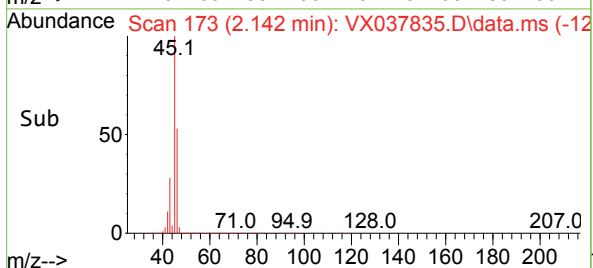
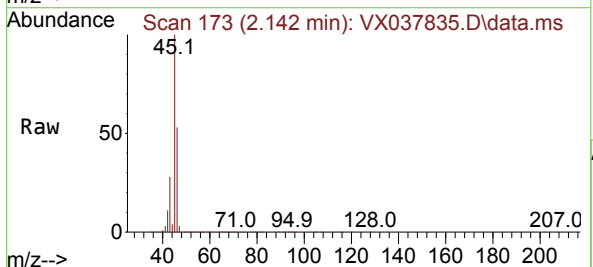


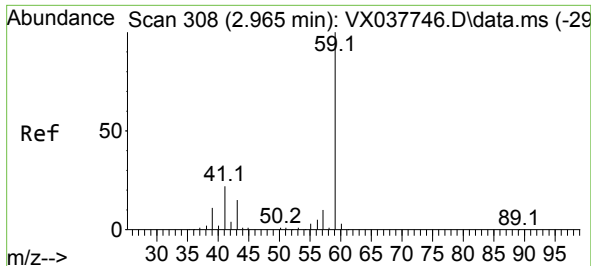
Tgt Ion:168 Resp: 226616
Ion Ratio Lower Upper
168 100
99 53.7 56.6 85.0#



#8
Diethyl Ether
Concen: 0.618 ug/l
RT: 2.142 min Scan# 173
Delta R.T. 0.012 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

Tgt Ion: 74 Resp: 1079
Ion Ratio Lower Upper
74 100
45 3289093.6 53.3 159.8#





#11

Tert butyl alcohol

Concen: 13.166 ug/l

RT: 2.971 min Scan# 30

Delta R.T. 0.006 min

Lab File: VX037835.D

Acq: 20 Sep 2023 16:16

Instrument :

MSVOA_X

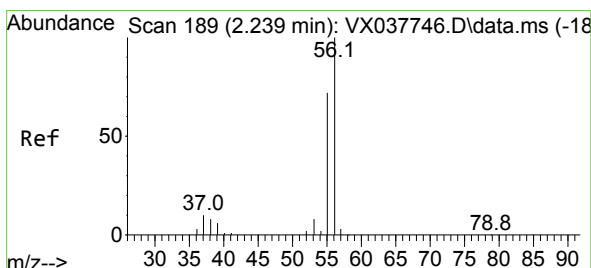
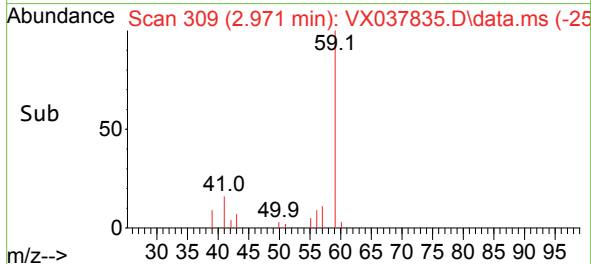
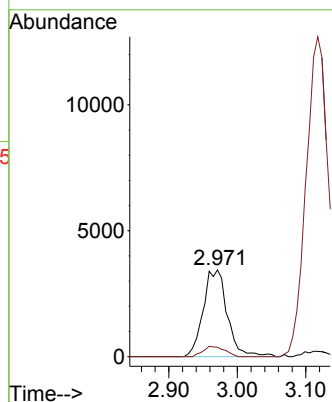
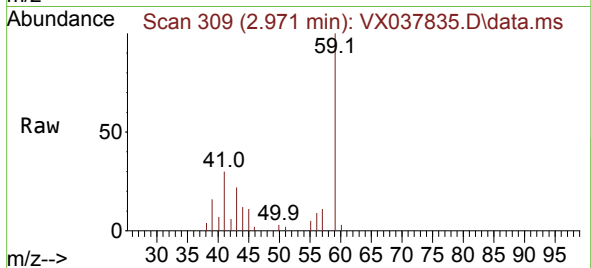
ClientSampleId :

Tgt Ion: 59 Resp: 8414

Ion Ratio Lower Upper

59 100

57 10.8 6.0 9.0#



#13

Acrolein

Concen: 0.912 ug/l

RT: 2.246 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX037835.D

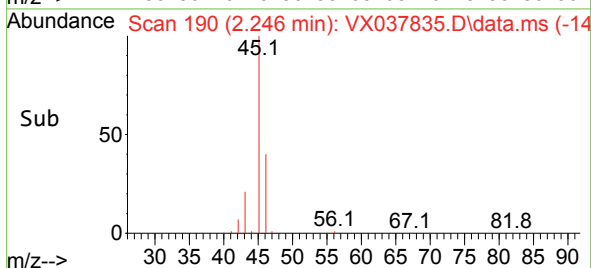
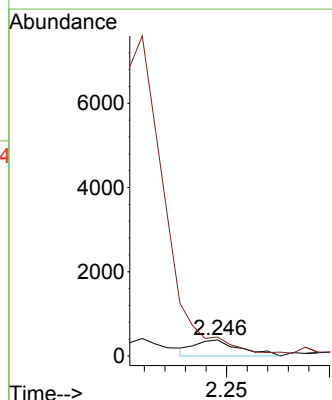
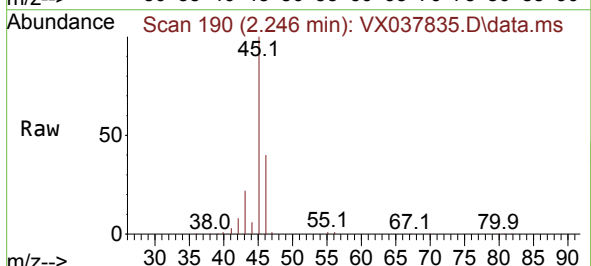
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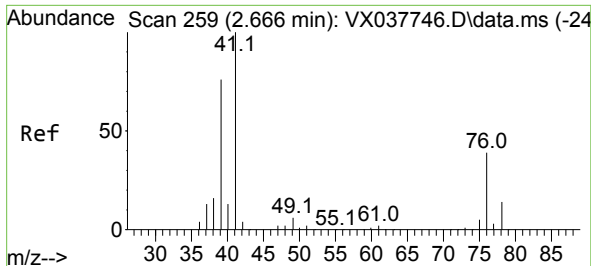
Tgt Ion: 56 Resp: 576

Ion Ratio Lower Upper

56 100

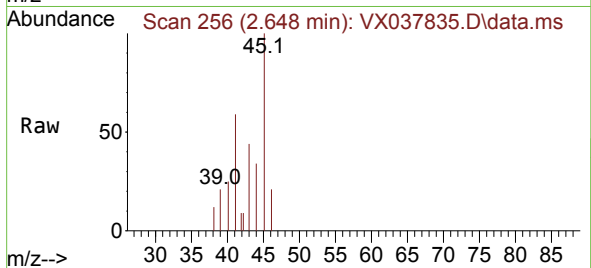
55 0.0 57.1 85.7#



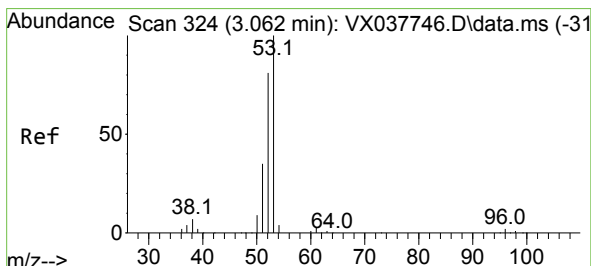
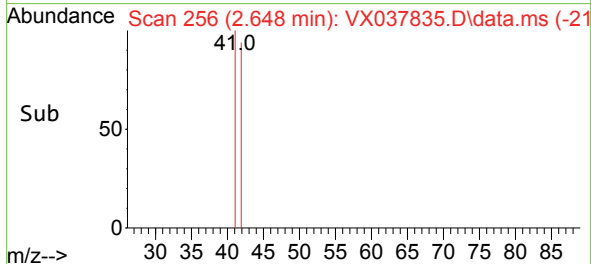
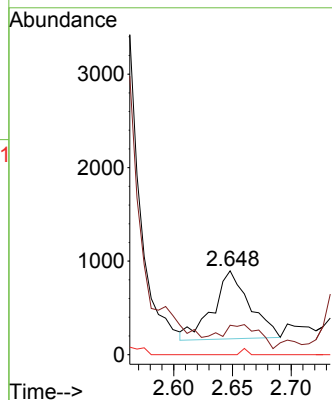


#14
 Allyl chloride
 Concen: 0.426 ug/l
 RT: 2.648 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: VX037835.D
 Acq: 20 Sep 2023 16:16

Instrument :
 MSVOA_X
 ClientSampleId :

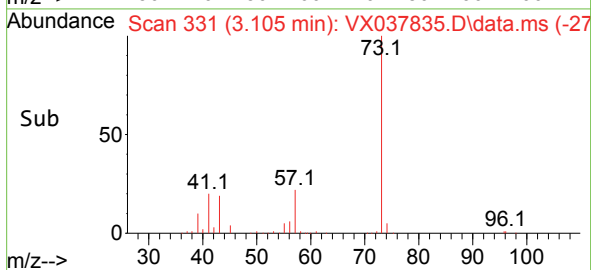
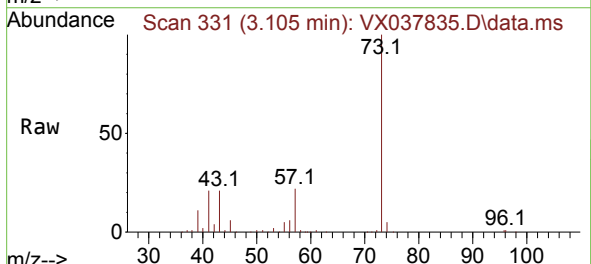
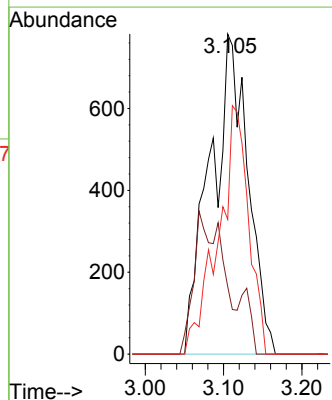


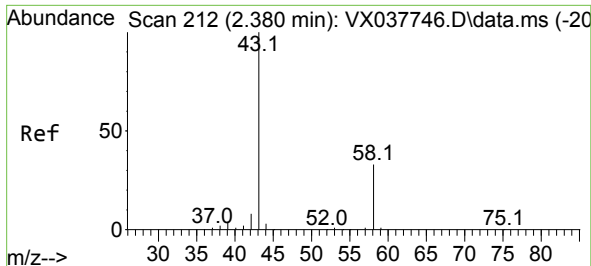
Tgt Ion: 41 Resp: 1570
 Ion Ratio Lower Upper
 41 100
 39 40.5 55.8 83.6#
 76 0.0 24.3 36.5#



#15
 Acrylonitrile
 Concen: 1.835 ug/l
 RT: 3.105 min Scan# 331
 Delta R.T. 0.037 min
 Lab File: VX037835.D
 Acq: 20 Sep 2023 16:16

Tgt Ion: 53 Resp: 2608
 Ion Ratio Lower Upper
 53 100
 52 0.0 66.0 99.0#
 51 62.2 29.8 44.6#

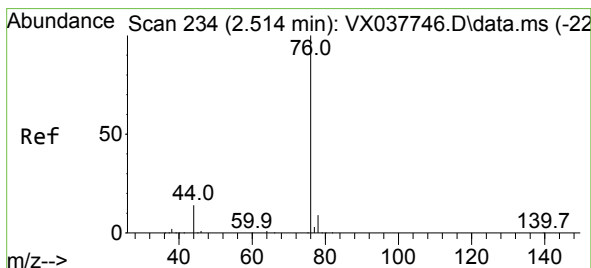
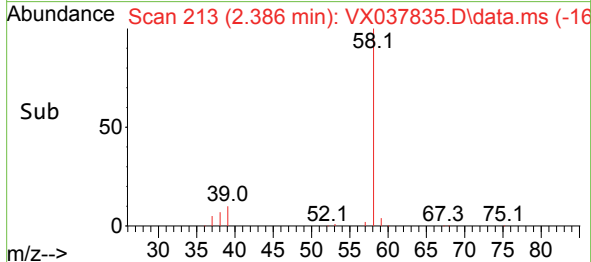
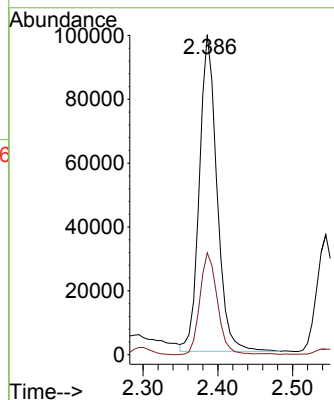
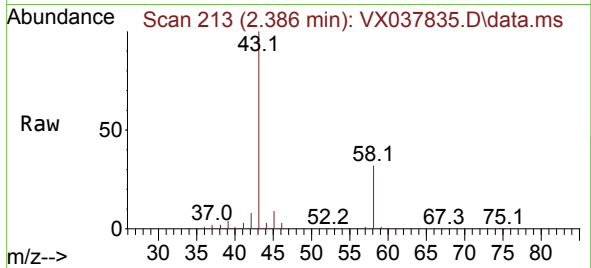




#16
Acetone
Concen: 113.291 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

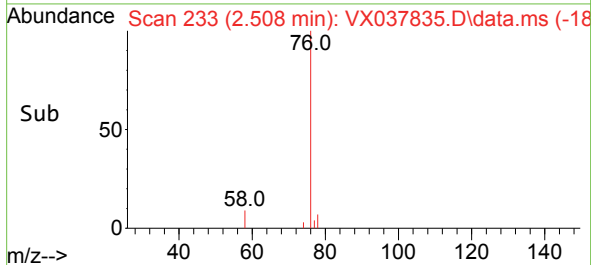
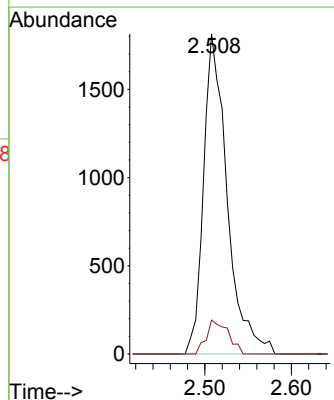
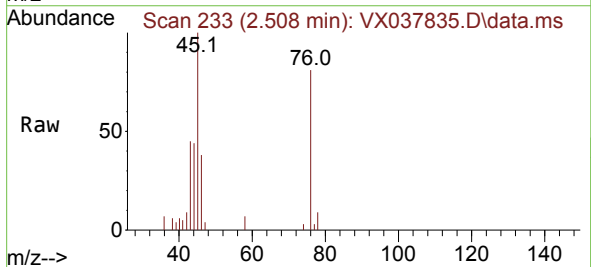
Instrument :
MSVOA_X
ClientSampleId :

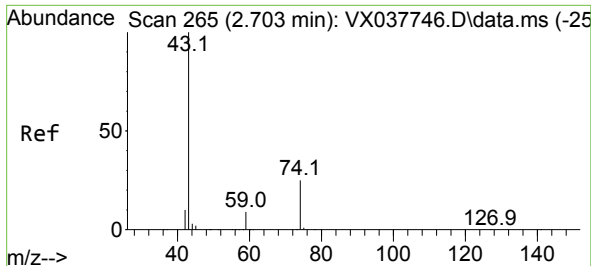
Tgt Ion: 43 Resp: 162267
Ion Ratio Lower Upper
43 100
58 32.1 21.9 32.9



#17
Carbon Disulfide
Concen: 0.620 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

Tgt Ion: 76 Resp: 3434
Ion Ratio Lower Upper
76 100
78 10.6 7.0 10.6#

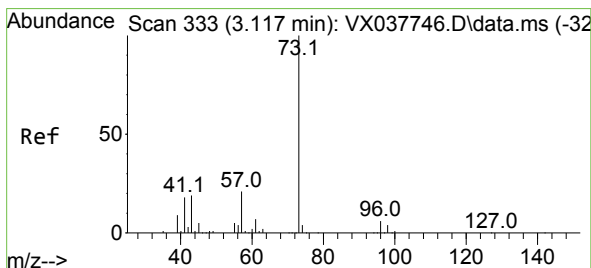
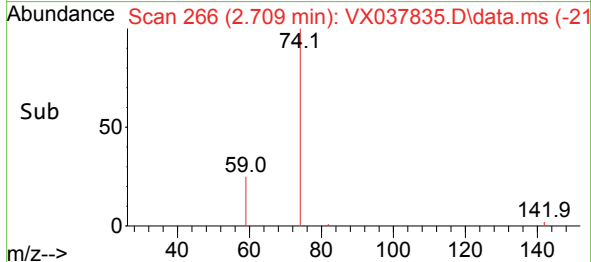
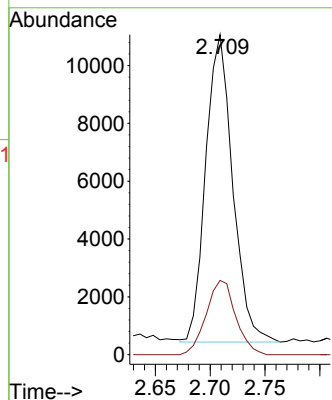
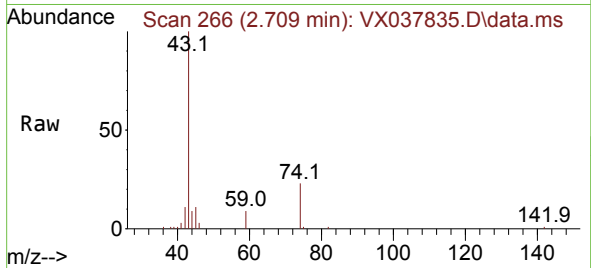




#18
Methyl Acetate
Concen: 3.524 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

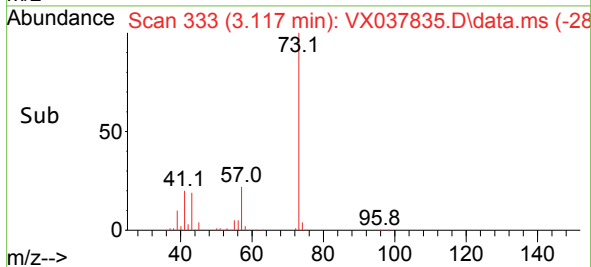
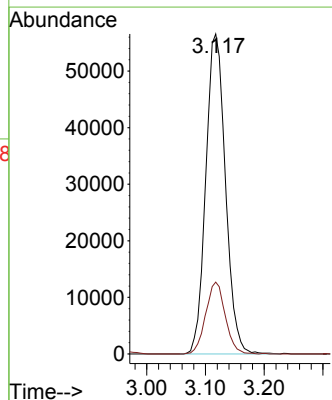
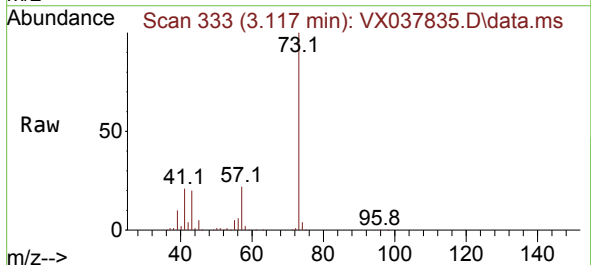
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ClientSampleId :

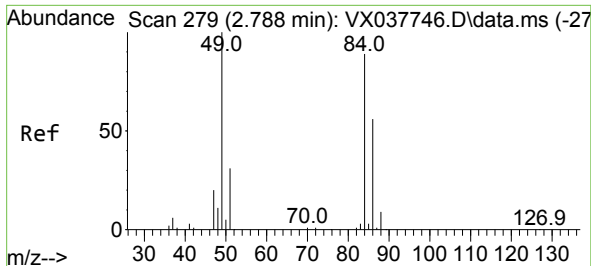
Tgt Ion: 43 Resp: 18210
Ion Ratio Lower Upper
43 100
74 26.3 17.8 26.8



#19
Methyl tert-butyl Ether
Concen: 16.168 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

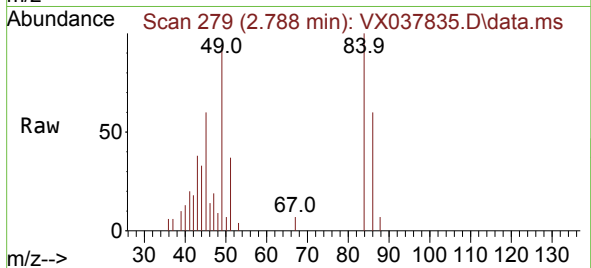
Tgt Ion: 73 Resp: 131493
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9



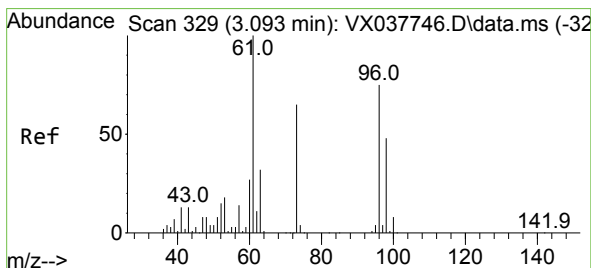
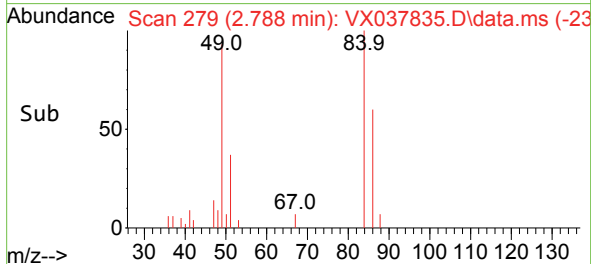
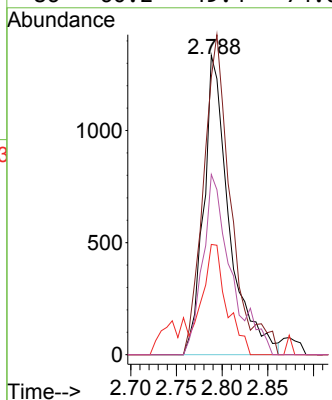


#20
Methylene Chloride
Concen: 0.955 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

Instrument :
MSVOA_X
ClientSampleId :

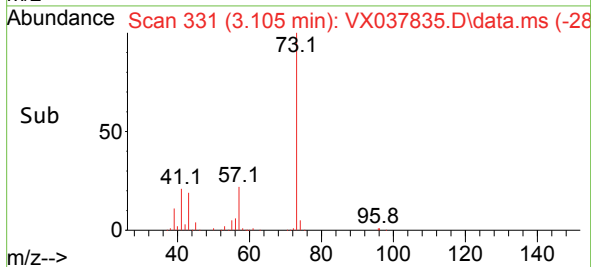
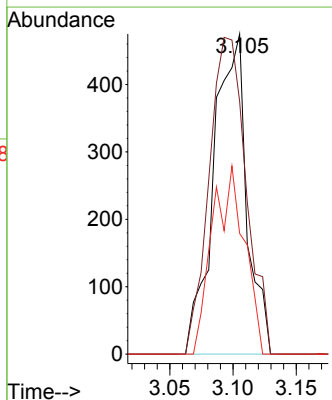
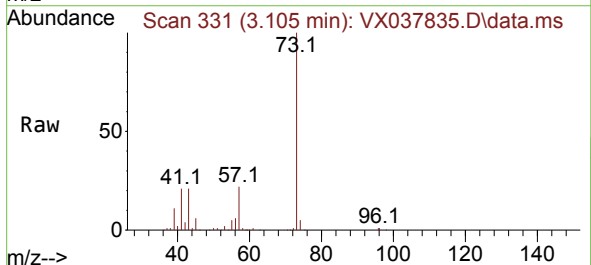


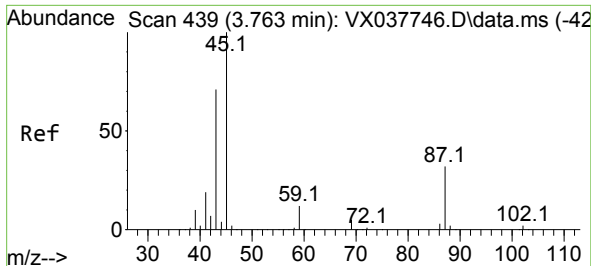
Tgt Ion: 84 Resp: 2594
Ion Ratio Lower Upper
84 100
49 92.7 103.6 155.4#
51 36.8 33.8 50.6
86 60.2 49.4 74.0



#21
trans-1,2-Dichloroethene
Concen: 0.352 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.012 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

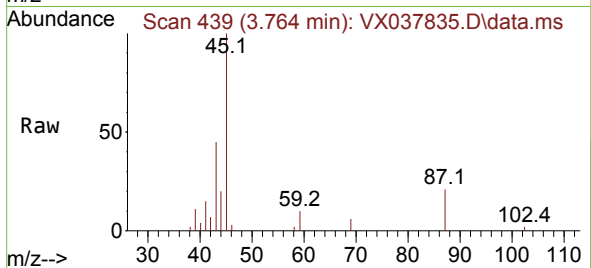
Tgt Ion: 96 Resp: 863
Ion Ratio Lower Upper
96 100
61 78.9 119.2 178.8#
98 37.7 48.7 73.1#



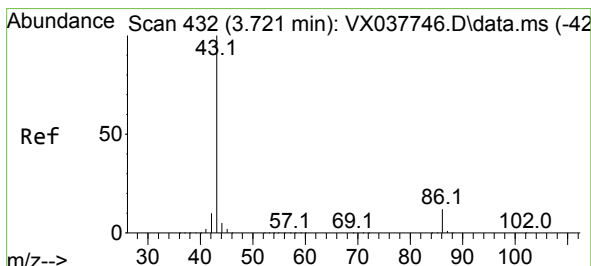
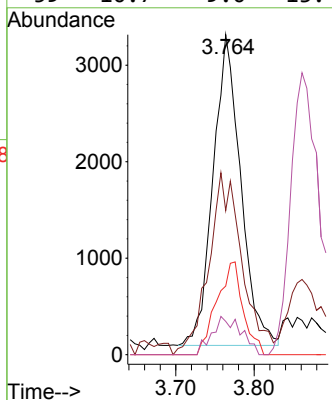
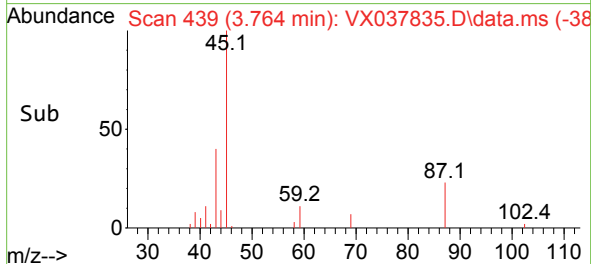


#22
Diisopropyl ether
Concen: 1.029 ug/l
RT: 3.764 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

Instrument :
MSVOA_X
ClientSampleId :

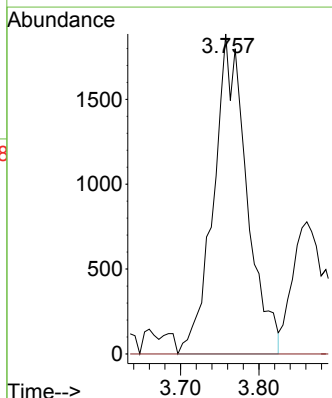
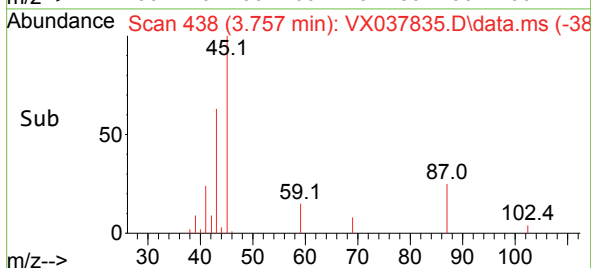
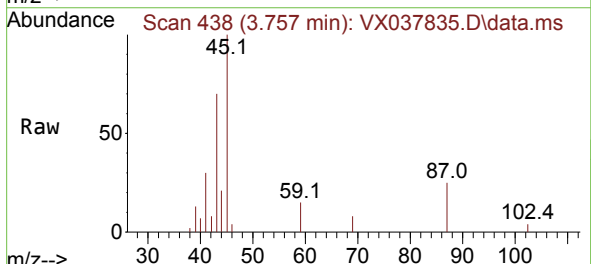


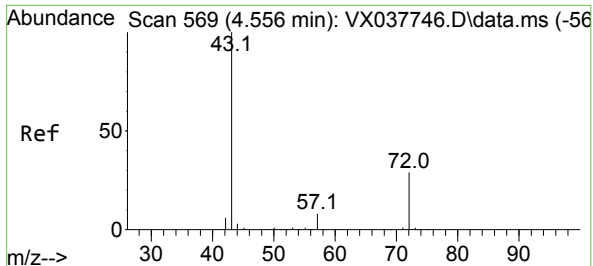
Tgt Ion:	45	43	87	59
Resp:	7891	100	44.5	22.1
Lower		69.7	20.8	9.0
Upper		104.5#	31.2	13.4



#23
Vinyl Acetate
Concen: 0.984 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.030 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

Tgt Ion:	43	86
Resp:	5549	100
Lower		7.8
Upper		11.8#

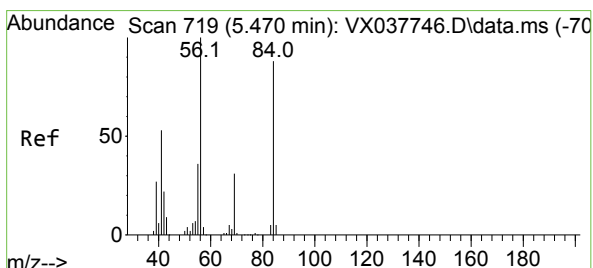
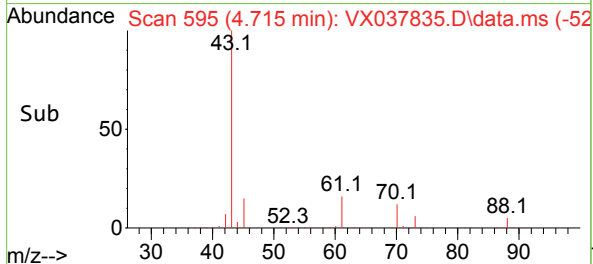
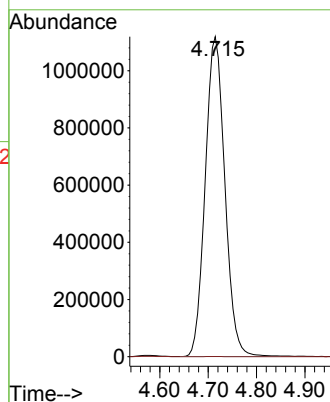
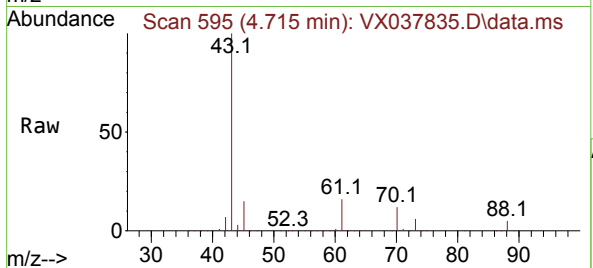




#25
2-Butanone
Concen: 1558.215 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.146 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

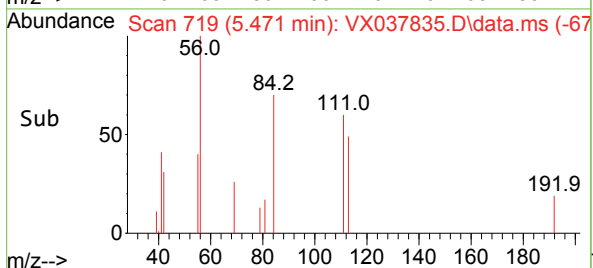
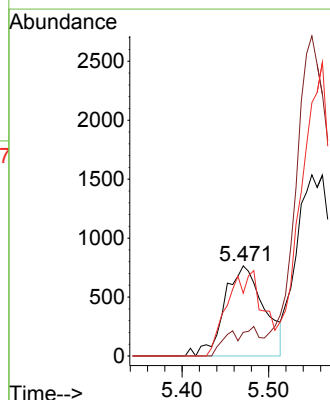
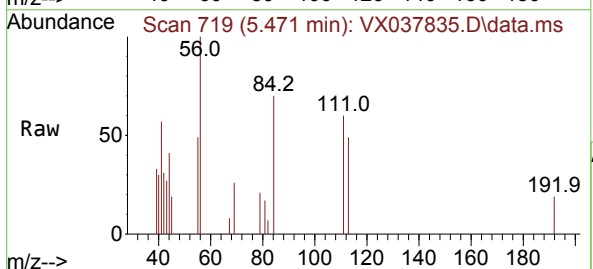
Instrument :
MSVOA_X
ClientSampleId :

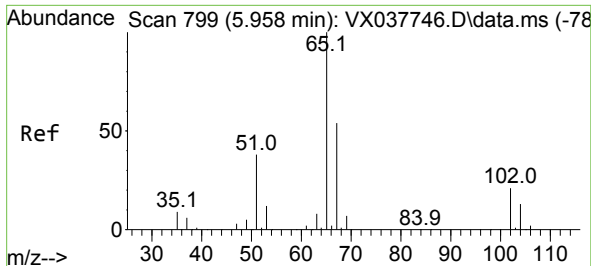
Tgt Ion: 43 Resp: 3149491
Ion Ratio Lower Upper
43 100
72 0.1 19.4 29.2#



#31
Cyclohexane
Concen: 0.639 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

Tgt Ion: 56 Resp: 2441
Ion Ratio Lower Upper
56 100
69 26.4 23.4 35.2
84 69.5 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 46.090 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037835.D

Acq: 20 Sep 2023 16:16

Instrument :

MSVOA_X

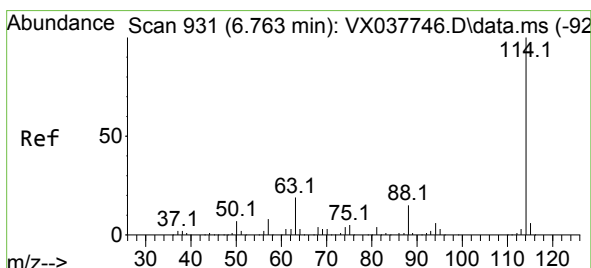
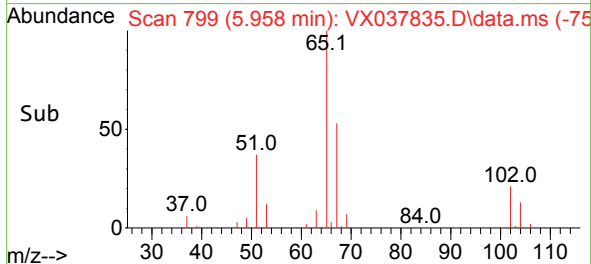
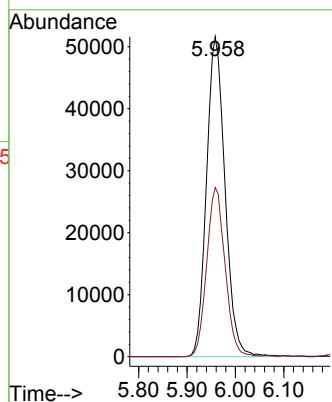
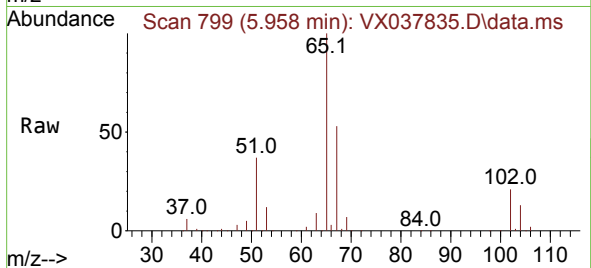
ClientSampleId :

Tgt Ion: 65 Resp: 137229

Ion Ratio Lower Upper

65 100

67 52.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037835.D

Acq: 20 Sep 2023 16:16

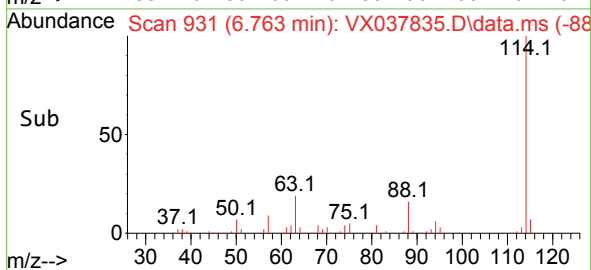
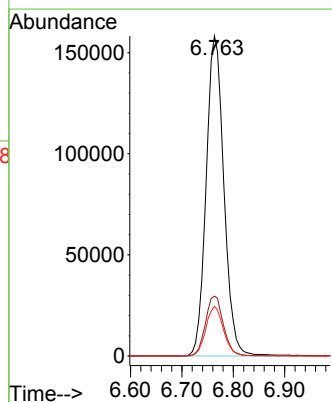
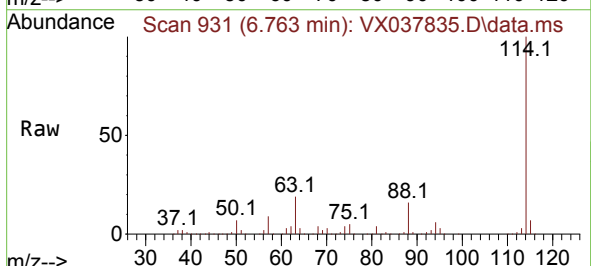
Tgt Ion:114 Resp: 379026

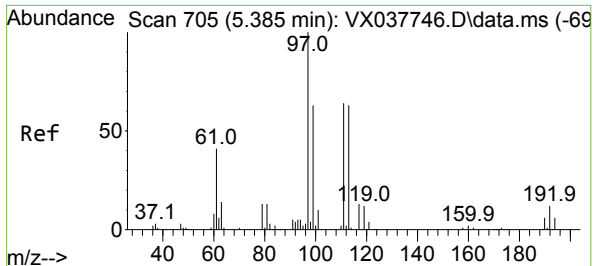
Ion Ratio Lower Upper

114 100

63 18.7 0.0 45.0

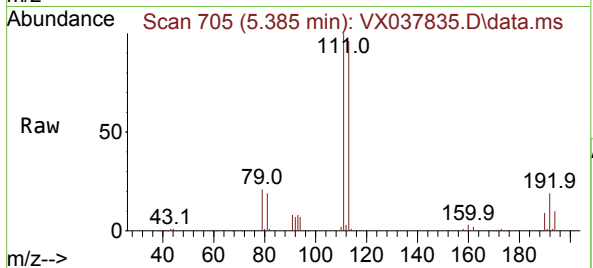
88 15.6 0.0 36.6



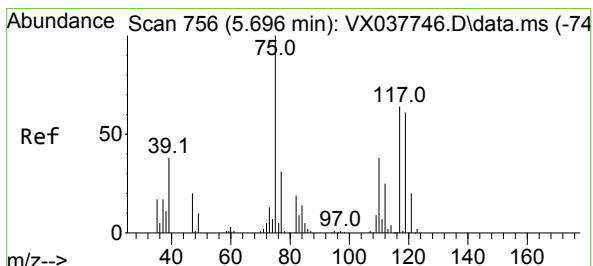
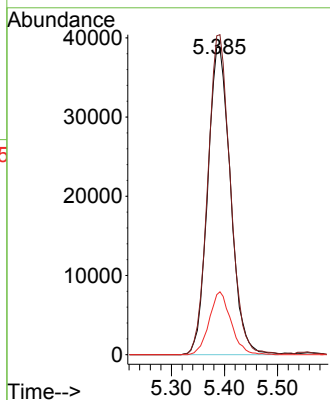
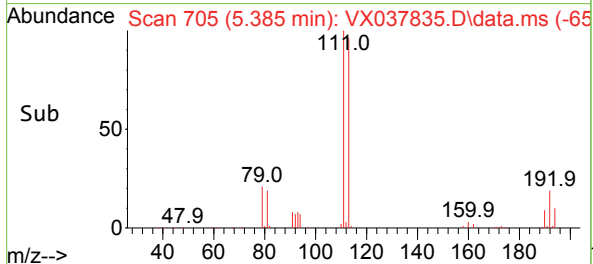


#35
Dibromofluoromethane
Concen: 45.624 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

Instrument :
MSVOA_X
ClientSampleId :

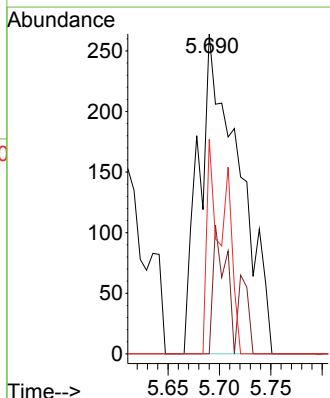
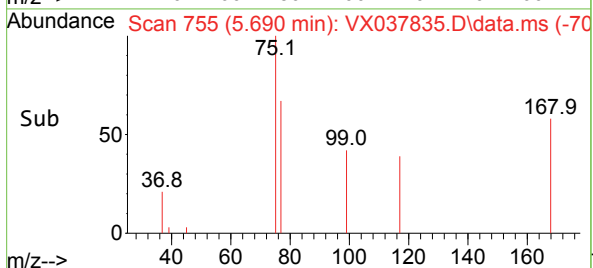
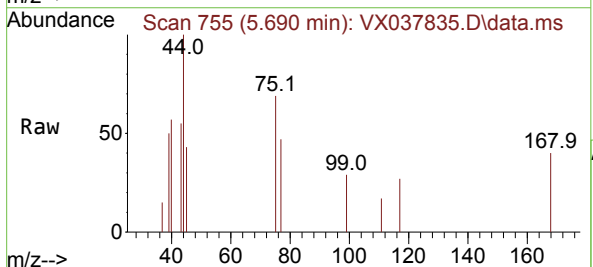


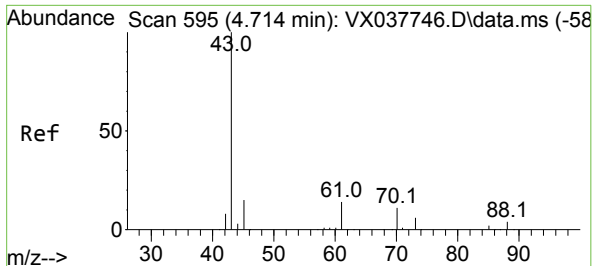
Tgt Ion:113 Resp: 115706
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 19.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 0.205 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

Tgt Ion: 75 Resp: 716
Ion Ratio Lower Upper
75 100
110 13.0 17.0 50.9#
77 29.1 24.7 37.1





#37

Ethyl Acetate

Concen: 820.704 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.018 min

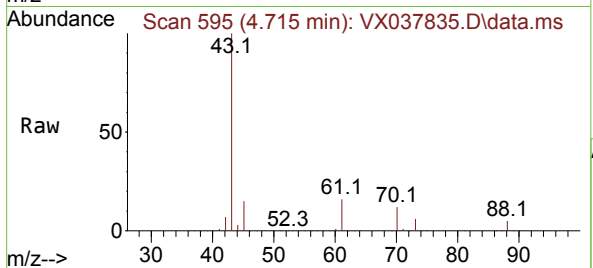
Lab File: VX037835.D

Acq: 20 Sep 2023 16:16

Instrument :

MSVOA_X

ClientSampleId :



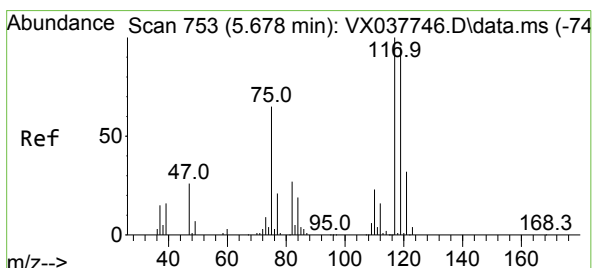
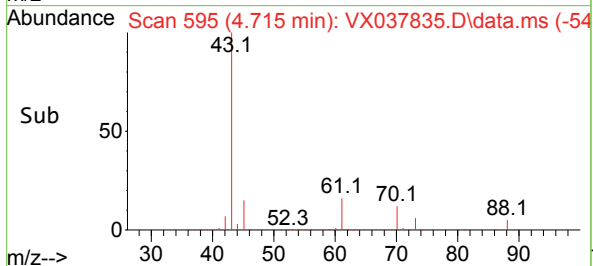
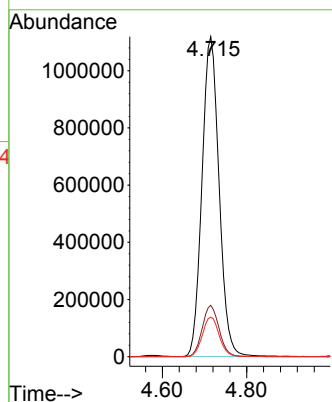
Tgt Ion: 43 Resp: 3152048

Ion Ratio Lower Upper

43 100

61 15.9 10.6 16.0

70 12.3 8.3 12.5



#38

Carbon Tetrachloride

Concen: 6.093 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX037835.D

Acq: 20 Sep 2023 16:16

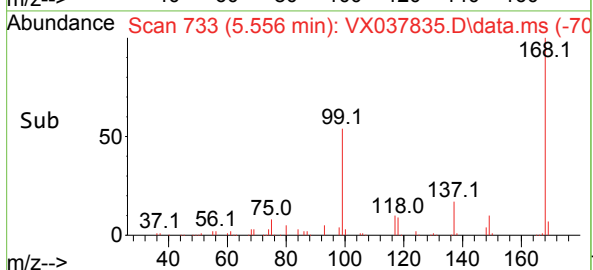
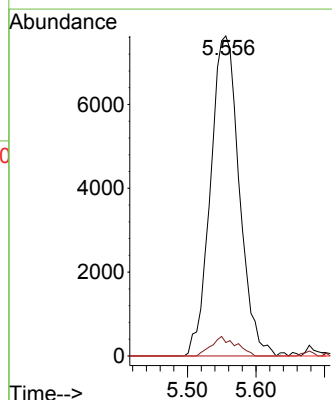
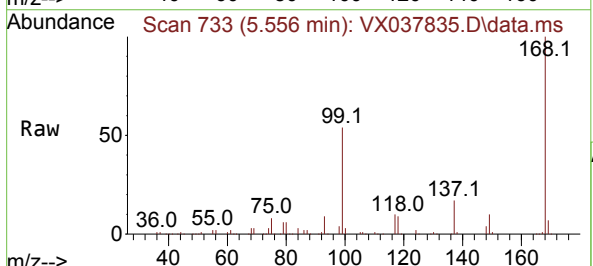
Tgt Ion: 117 Resp: 22272

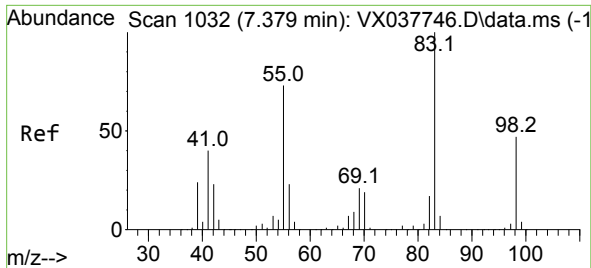
Ion Ratio Lower Upper

117 100

119 4.2 78.2 117.2#

121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.281 ug/l

RT: 7.379 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037835.D

Acq: 20 Sep 2023 16:16

Instrument :

MSVOA_X

ClientSampleId :

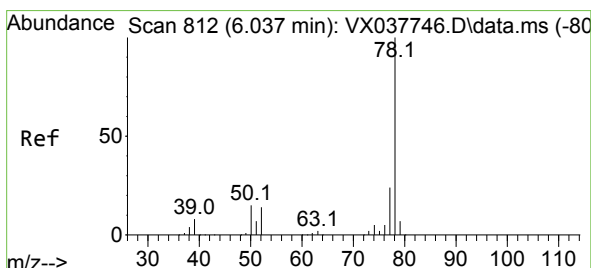
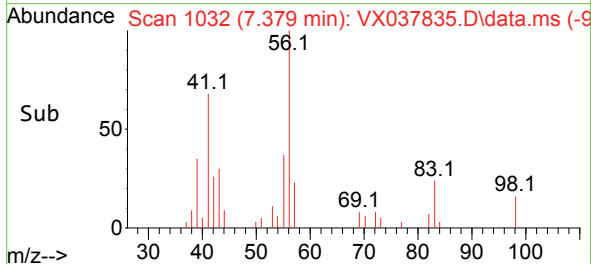
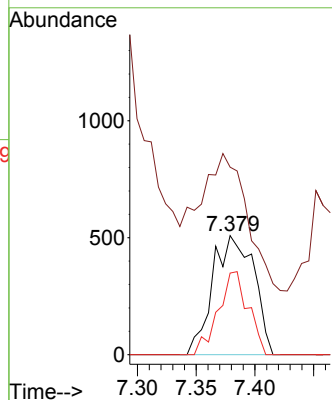
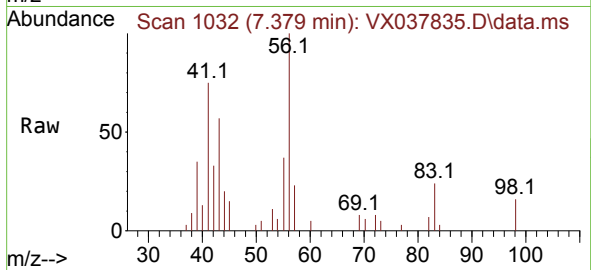
Tgt Ion: 83 Resp: 1245

Ion Ratio Lower Upper

83 100

55 103.7 64.6 97.0#

98 68.6 36.7 55.1#



#40

Benzene

Concen: 68.377 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX037835.D

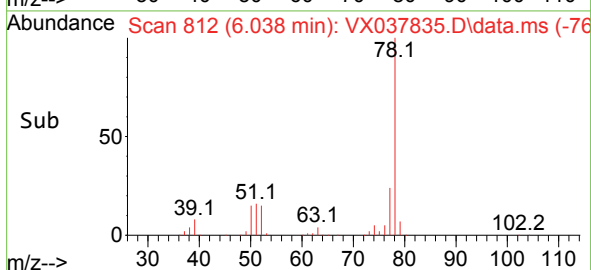
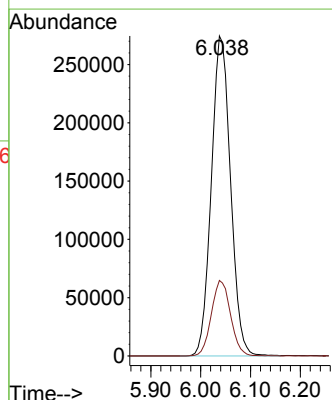
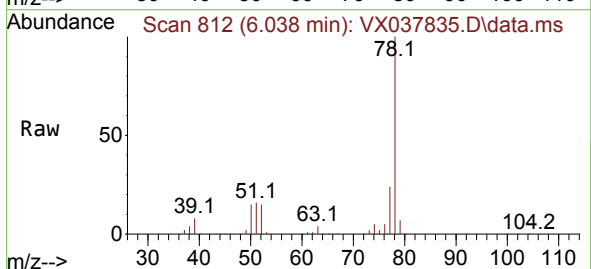
Acq: 20 Sep 2023 16:16

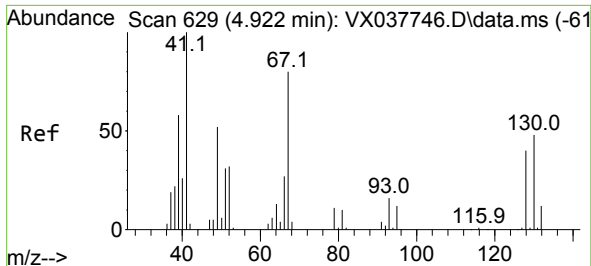
Tgt Ion: 78 Resp: 734591

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9

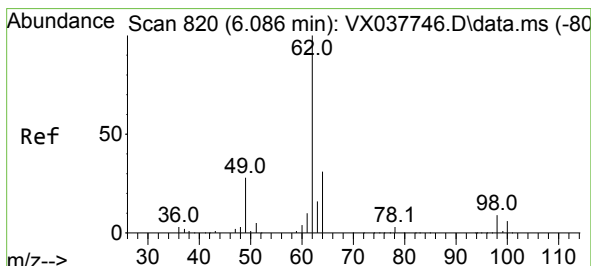
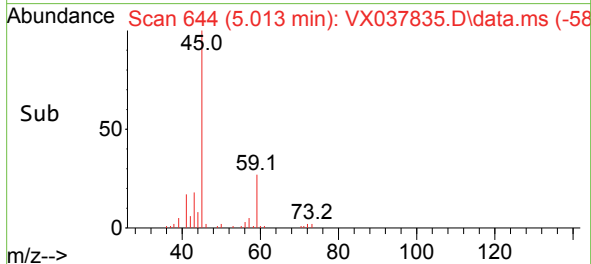
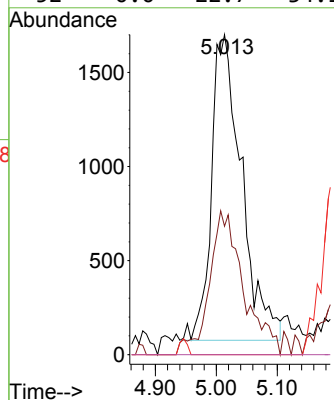
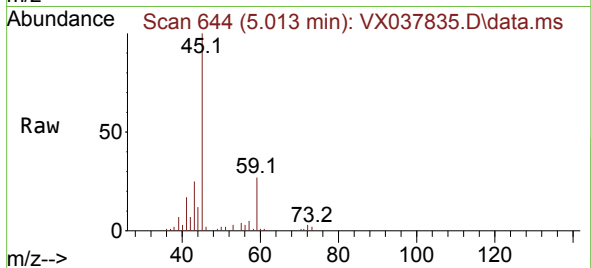




#41
Methacrylonitrile
Concen: 2.852 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.067 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

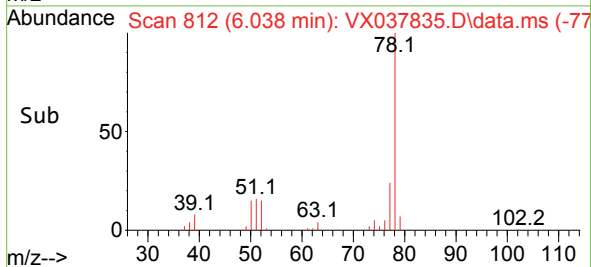
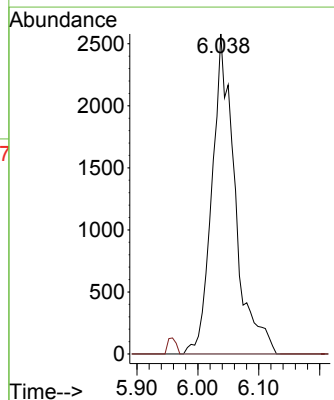
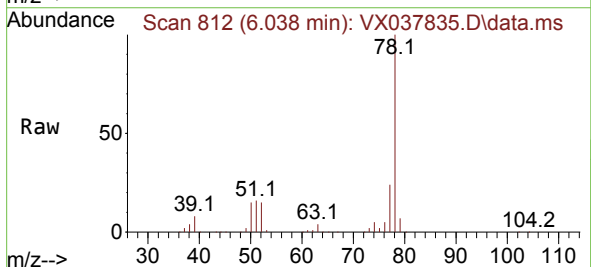
Instrument :
MSVOA_X
ClientSampleId :

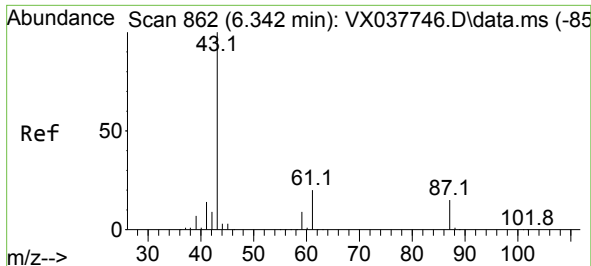
Tgt Ion: 41	Resp: 5585
Ion Ratio	Lower Upper
41 100	
39 53.3	45.2 67.8
67 0.0	52.6 78.8#
52 0.0	22.7 34.1#



#42
1,2-Dichloroethane
Concen: 1.749 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.061 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

Tgt Ion: 62	Resp: 6792
Ion Ratio	Lower Upper
62 100	
98 0.0	0.0 16.0





#43

Isopropyl Acetate

Concen: 25.196 ug/l

RT: 6.117 min Scan# 81

Delta R.T. -0.226 min

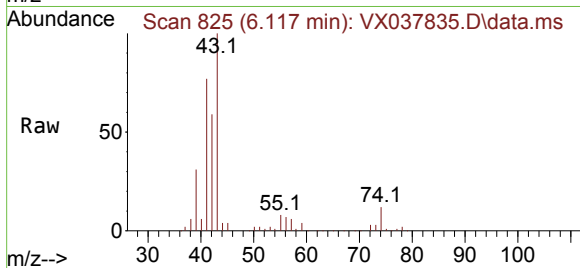
Lab File: VX037835.D

Acq: 20 Sep 2023 16:16

Instrument :

MSVOA_X

ClientSampleId :



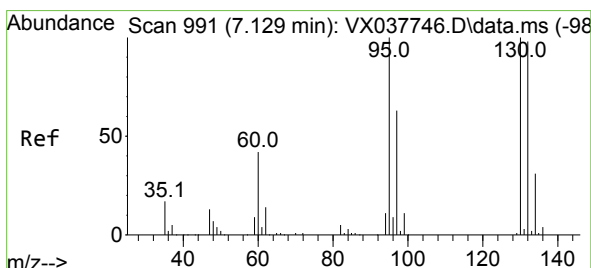
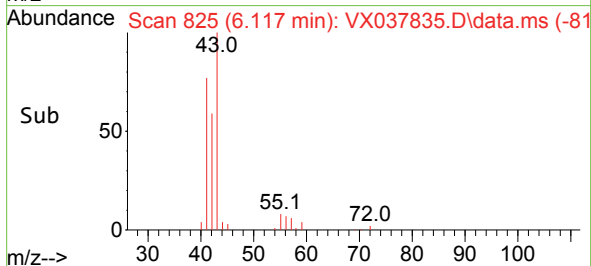
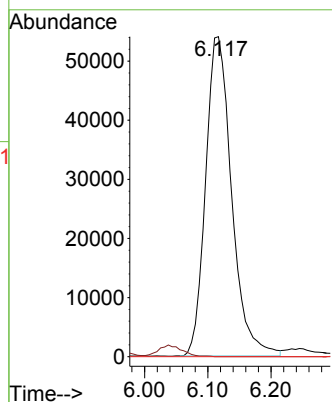
Tgt Ion: 43 Resp: 154738

Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.6#



#44

Trichloroethene

Concen: 0.244 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.000 min

Lab File: VX037835.D

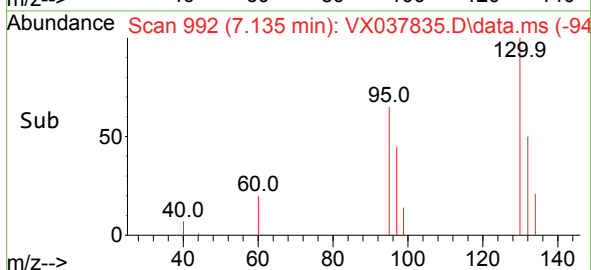
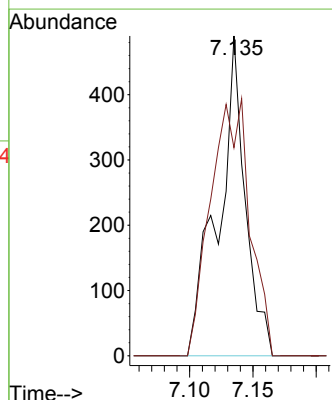
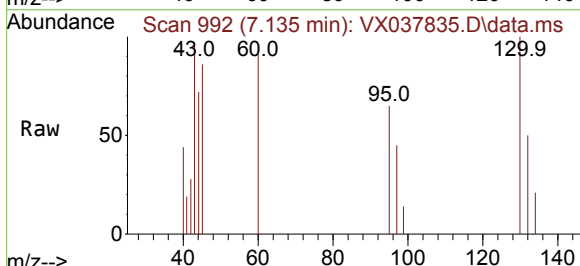
Acq: 20 Sep 2023 16:16

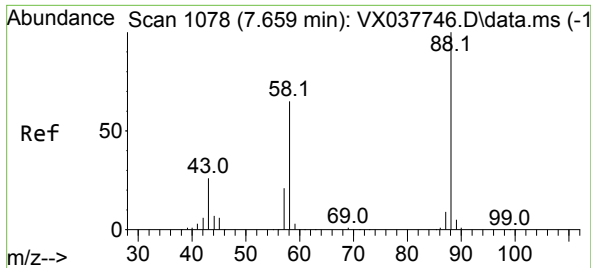
Tgt Ion:130 Resp: 729

Ion Ratio Lower Upper

130 100

95 65.1 0.0 204.4

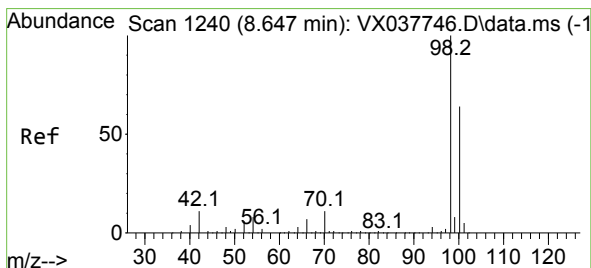
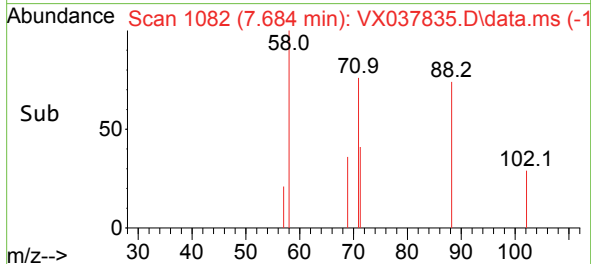
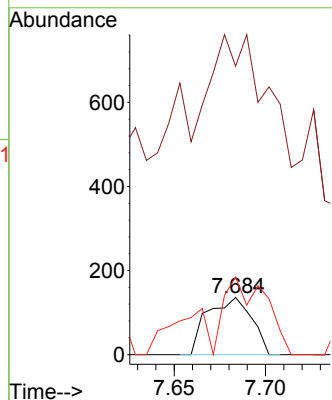
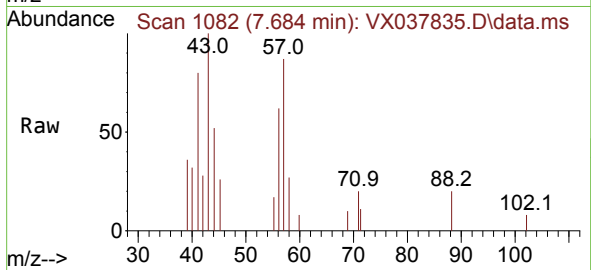




#49
1,4-Dioxane
Concen: 2.962 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.012 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

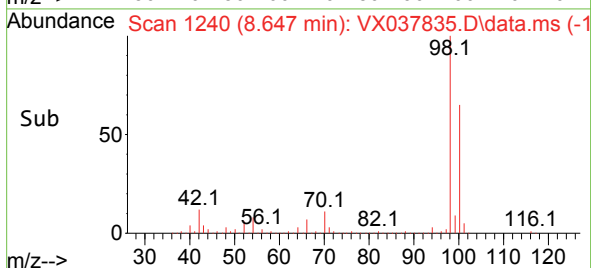
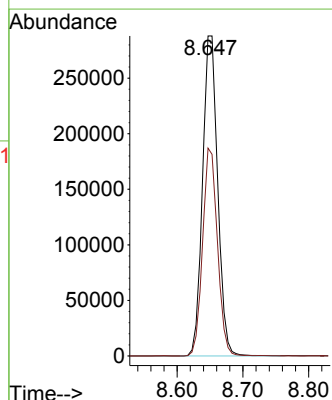
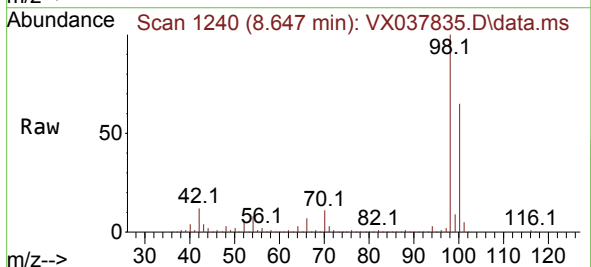
Instrument :
MSVOA_X
ClientSampleId :

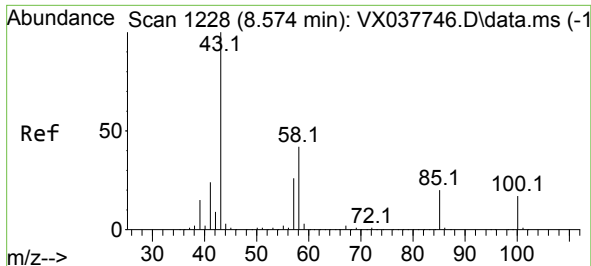
Tgt Ion: 88 Resp: 228
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 128.1 60.1 90.1#



#50
Toluene-d8
Concen: 48.976 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

Tgt Ion: 98 Resp: 461504
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

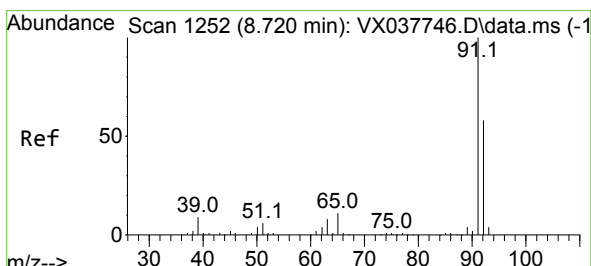
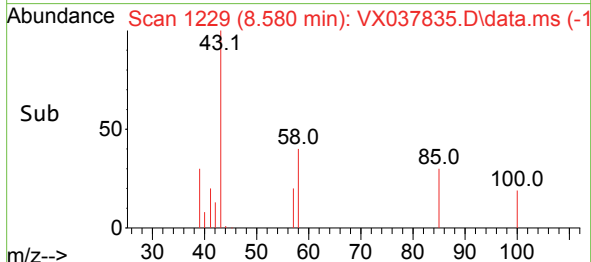
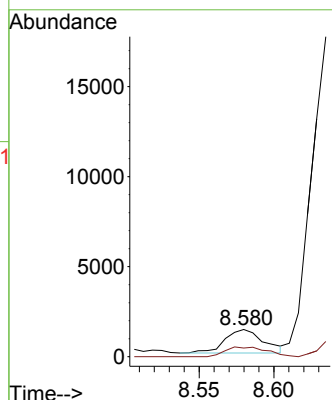
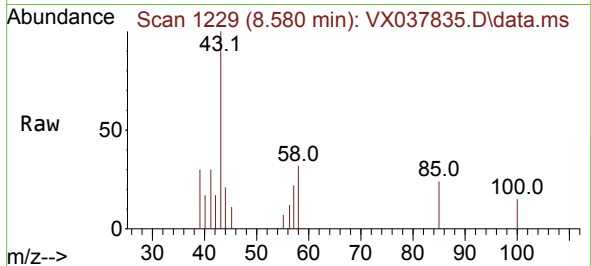




#51
4-Methyl-2-Pentanone
Concen: 0.594 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

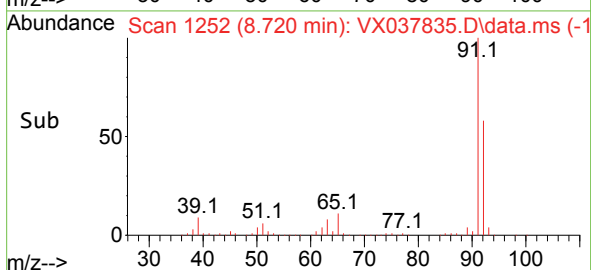
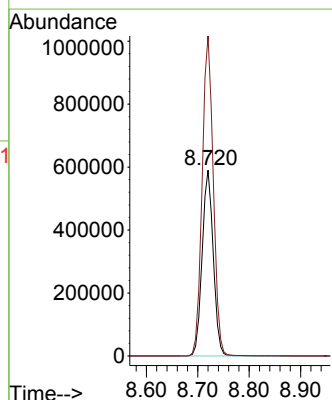
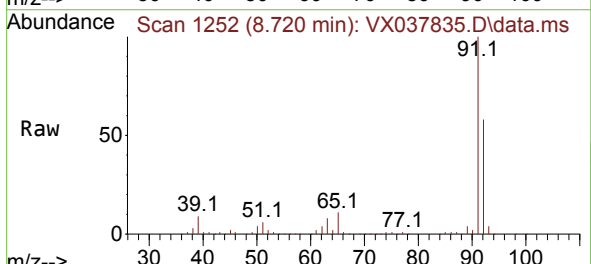
Instrument :
MSVOA_X
ClientSampleId :

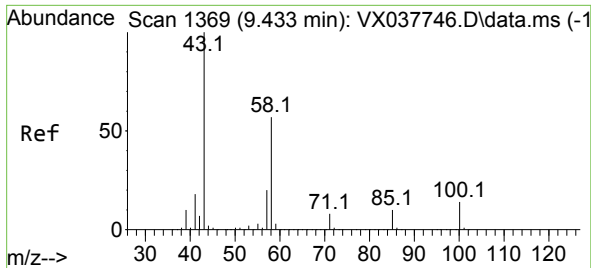
Tgt Ion: 43 Resp: 2313
Ion Ratio Lower Upper
43 100
58 45.0 30.4 45.6



#52
Toluene
Concen: 127.392 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

Tgt Ion: 92 Resp: 882030
Ion Ratio Lower Upper
92 100
91 173.2 134.2 201.2

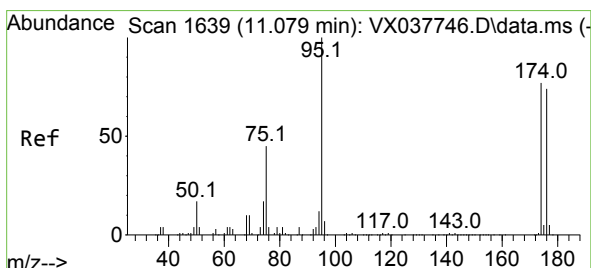
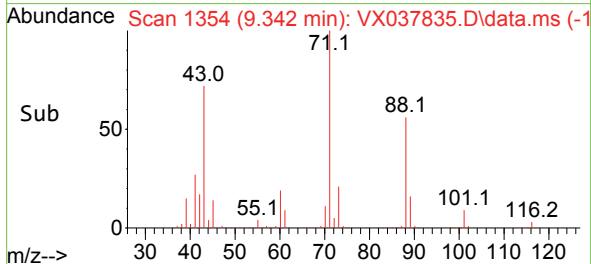
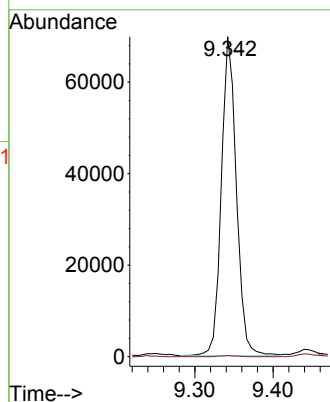
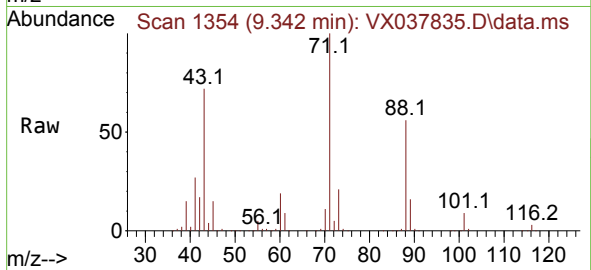




#59
2-Hexanone
Concen: 30.774 ug/l
RT: 9.342 min Scan# 11
Delta R.T. -0.091 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

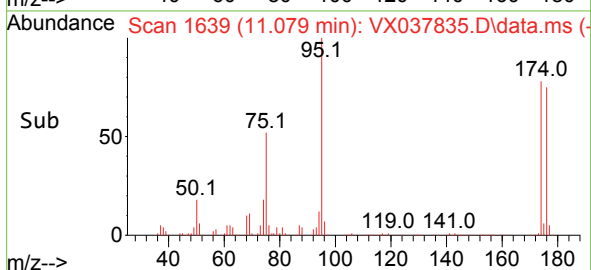
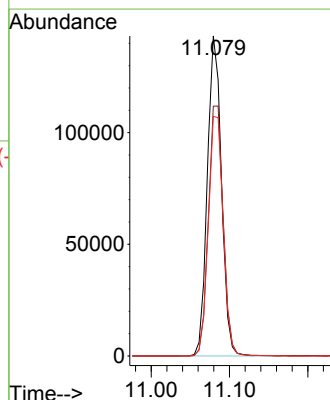
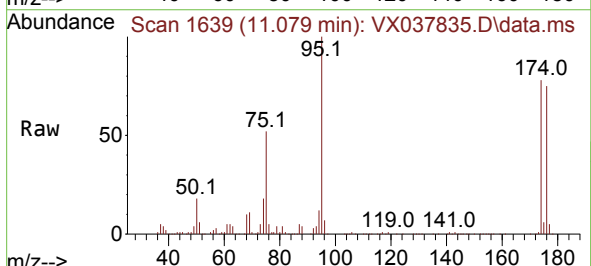
Instrument :
MSVOA_X
ClientSampleId :

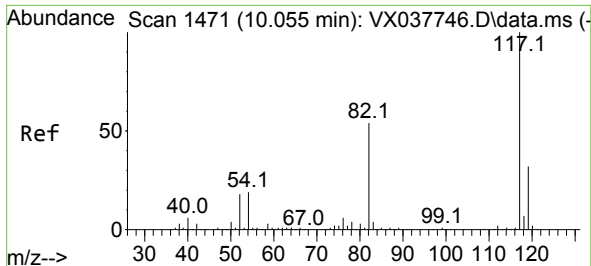
Tgt Ion: 43 Resp: 93360
Ion Ratio Lower Upper
43 100
58 0.3 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 52.165 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

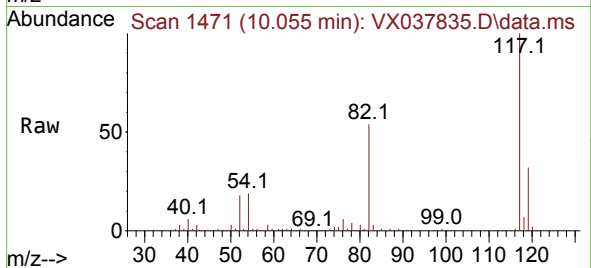
Tgt Ion: 95 Resp: 178624
Ion Ratio Lower Upper
95 100
174 82.5 0.0 135.6
176 79.3 0.0 131.0



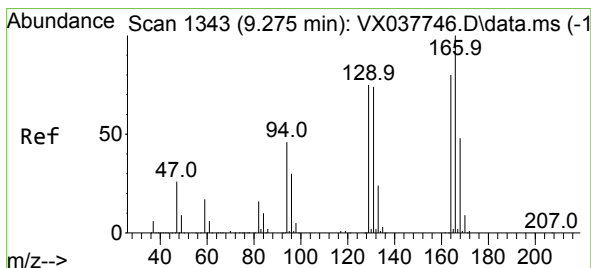
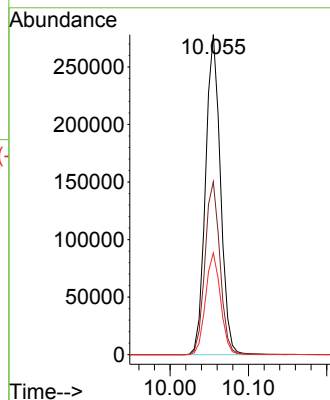
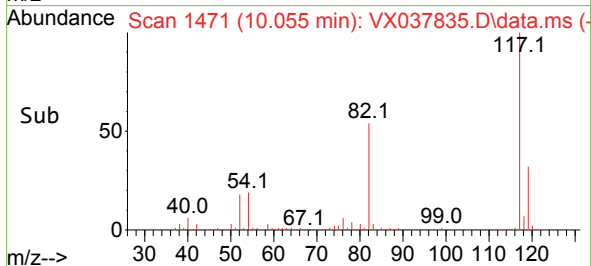


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

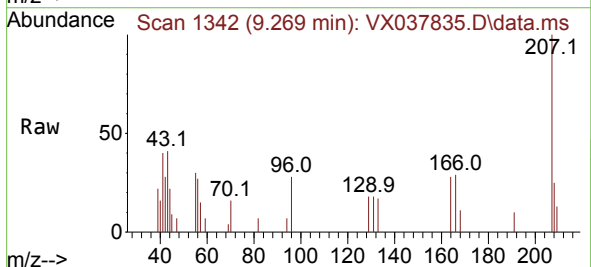
Instrument :
MSVOA_X
ClientSampleId :



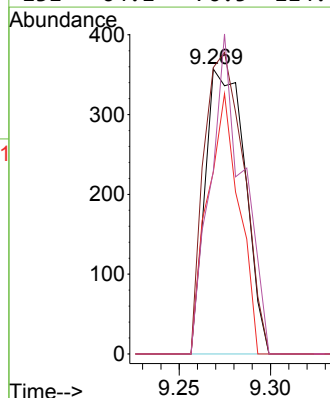
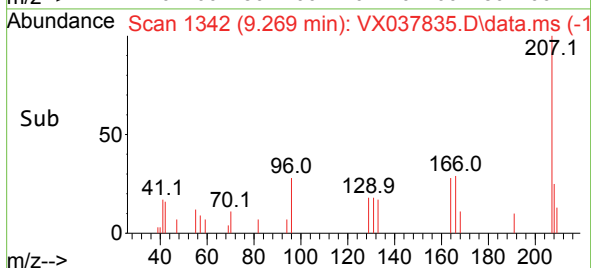
Tgt Ion:117 Resp: 366243
Ion Ratio Lower Upper
117 100
82 54.0 46.2 69.4
119 31.8 25.5 38.3

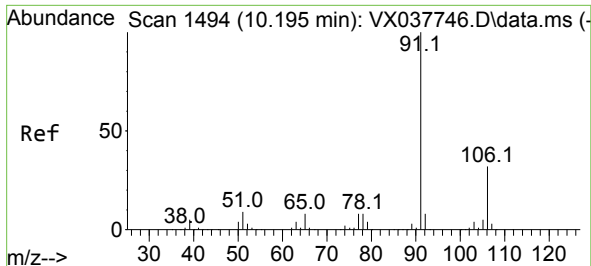


#64
Tetrachloroethene
Concen: 0.215 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16



Tgt Ion:164 Resp: 538
Ion Ratio Lower Upper
164 100
166 100.6 102.7 154.1#
129 63.9 80.4 120.6#
131 64.1 76.5 114.7#





#67

Ethyl Benzene

Concen: 8.144 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX037835.D

Acq: 20 Sep 2023 16:16

Instrument :

MSVOA_X

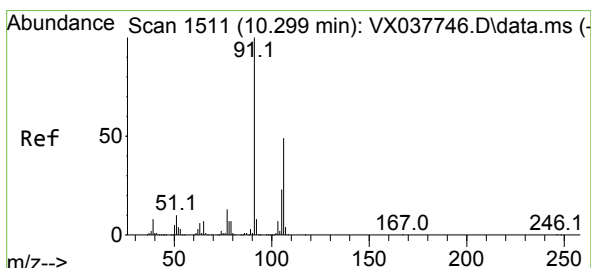
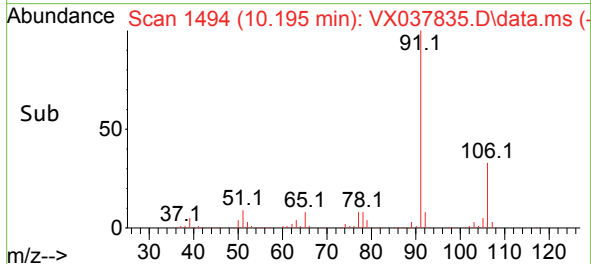
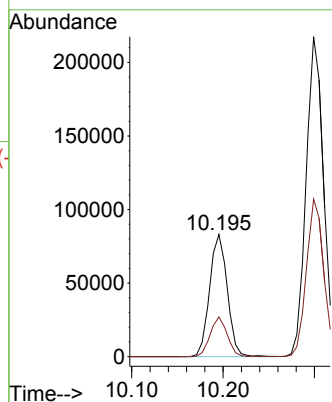
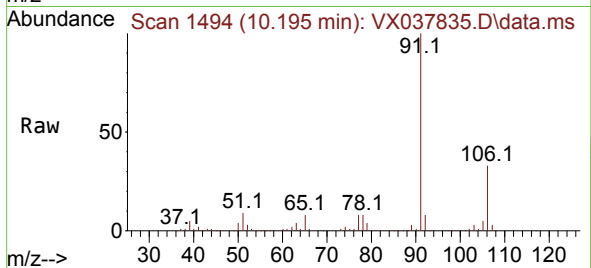
ClientSampleId :

Tgt Ion: 91 Resp: 111544

Ion Ratio Lower Upper

91 100

106 32.5 24.9 37.3



#68

m/p-Xylenes

Concen: 26.866 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX037835.D

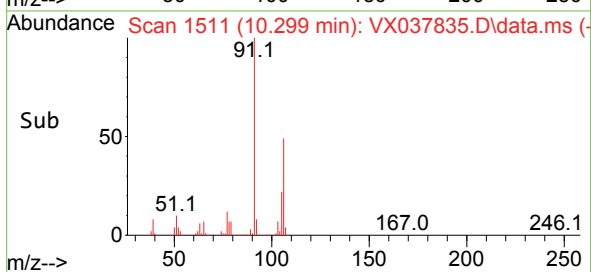
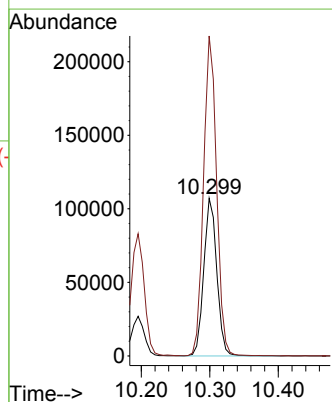
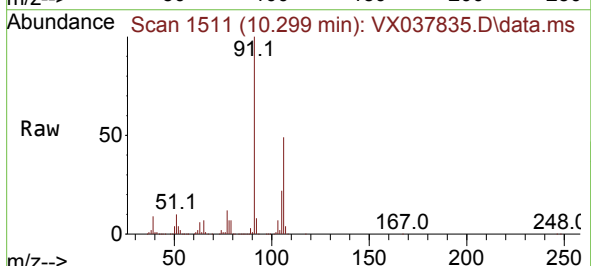
Acq: 20 Sep 2023 16:16

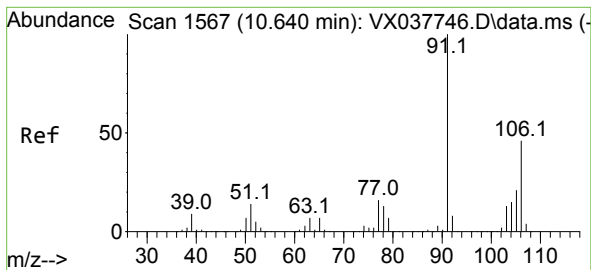
Tgt Ion: 106 Resp: 142190

Ion Ratio Lower Upper

106 100

91 202.6 165.5 248.3

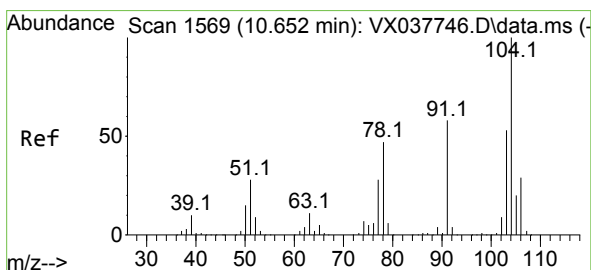
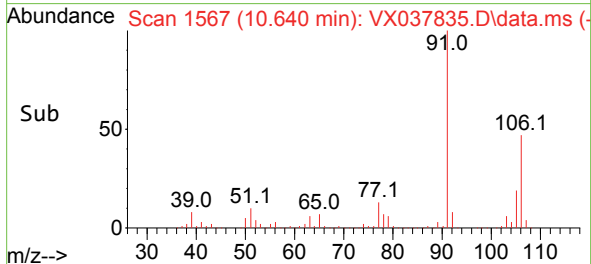
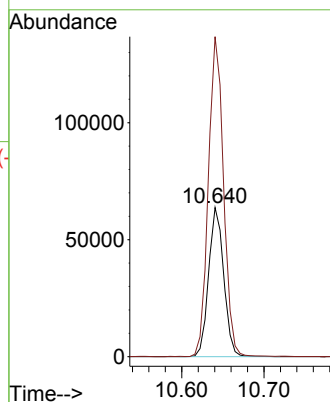
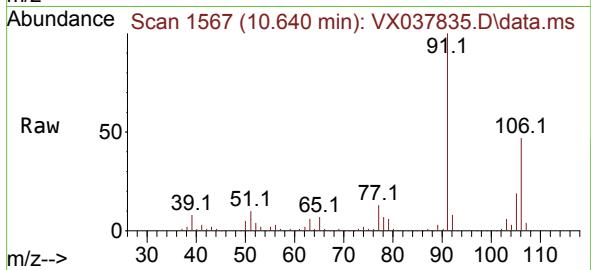




#69
o-Xylene
Concen: 15.311 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

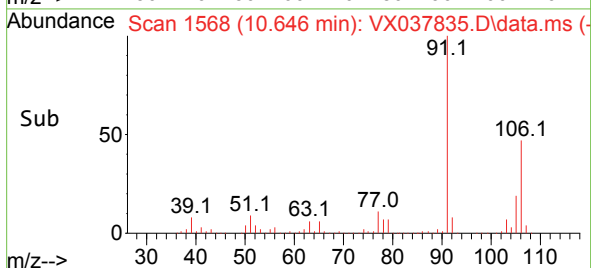
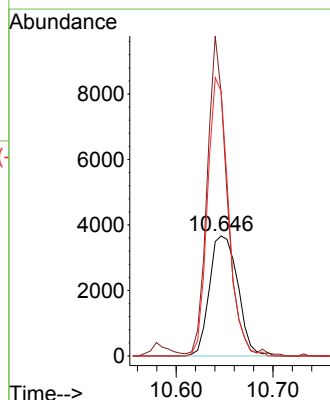
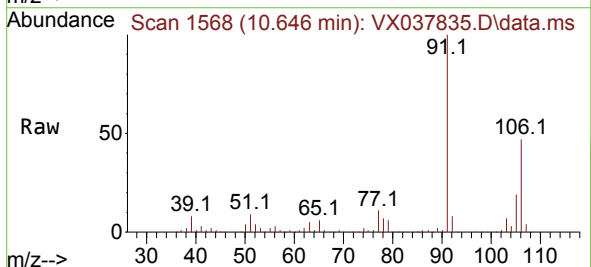
Instrument :
MSVOA_X
ClientSampleId :

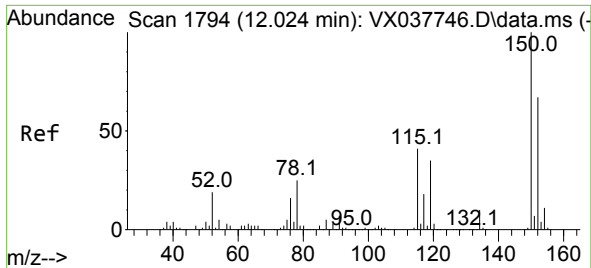
Tgt Ion:106 Resp: 81261
Ion Ratio Lower Upper
106 100
91 215.8 108.9 326.8



#70
Styrene
Concen: 0.877 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.012 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

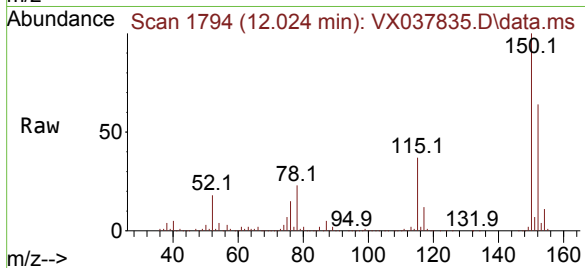
Tgt Ion:104 Resp: 7475
Ion Ratio Lower Upper
104 100
78 186.6 43.6 65.4#
103 172.6 43.6 65.4#



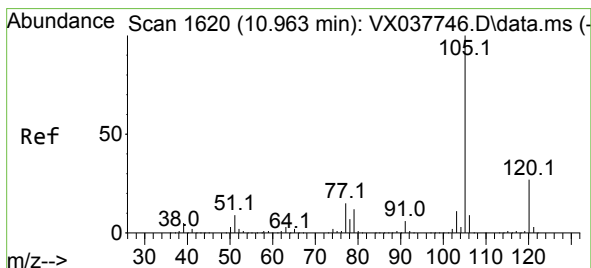
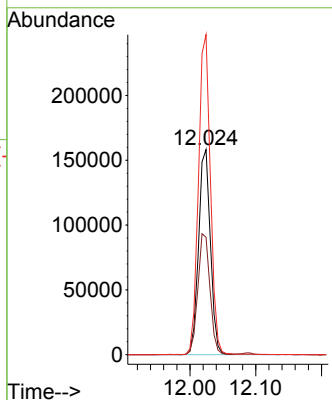
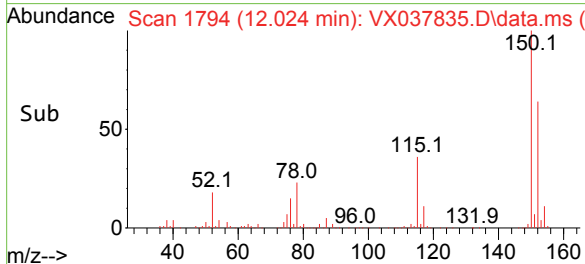


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

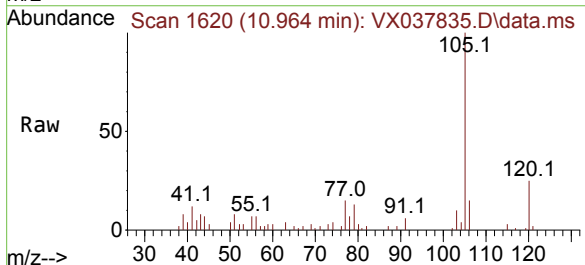
Instrument :
MSVOA_X
ClientSampleId :



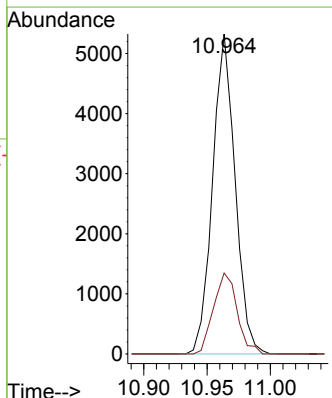
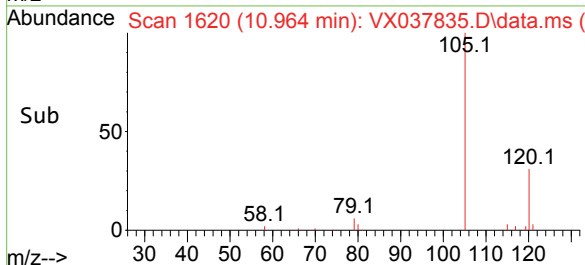
Tgt Ion:152 Resp: 198136
Ion Ratio Lower Upper
152 100
115 60.1 43.3 129.9
150 157.7 0.0 345.0

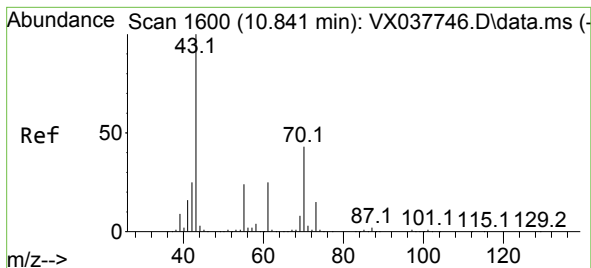


#73
Isopropylbenzene
Concen: 0.452 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16



Tgt Ion:105 Resp: 6575
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6





#74

N-amy1 acetate

Concen: 53.195 ug/l

RT: 10.579 min Scan# 1

Delta R.T. -0.268 min

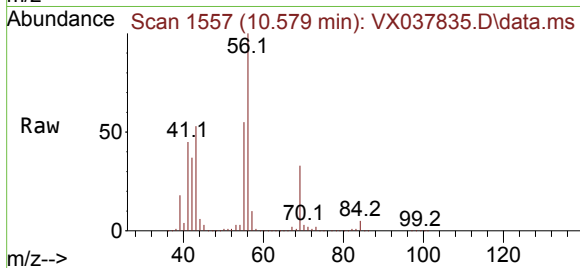
Lab File: VX037835.D

Acq: 20 Sep 2023 16:16

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 313158

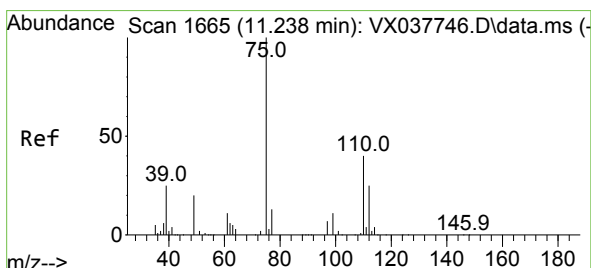
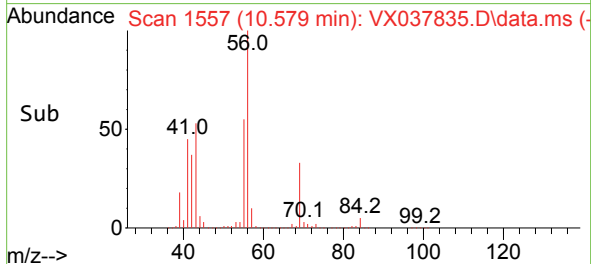
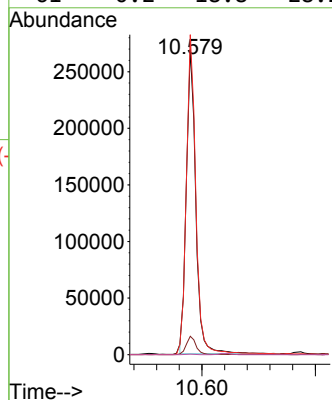
Ion Ratio Lower Upper

43 100

70 6.0 32.9 49.3#

55 103.1 19.3 28.9#

61 0.2 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 19.822 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037835.D

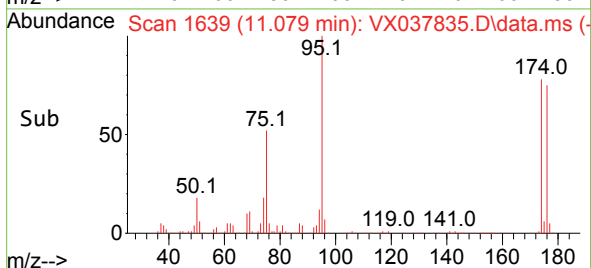
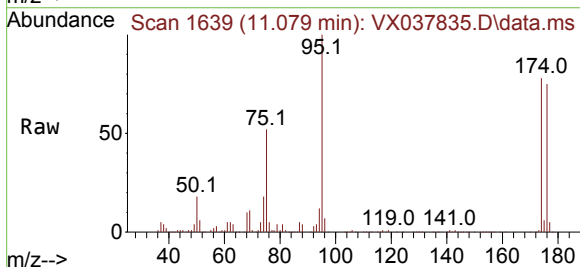
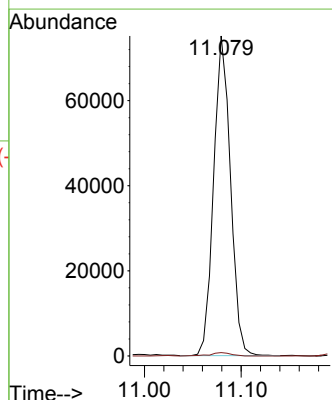
Acq: 20 Sep 2023 16:16

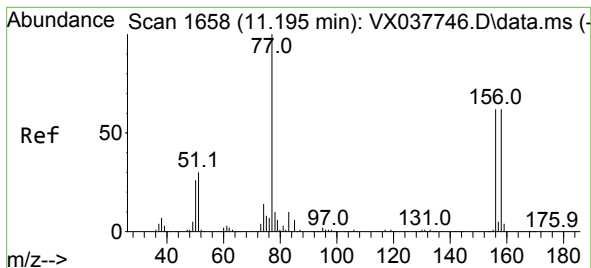
Tgt Ion: 75 Resp: 90840

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#





#77

Bromobenzene

Concen: 0.213 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX037835.D

Acq: 20 Sep 2023 16:16

Instrument :

MSVOA_X

ClientSampleId :

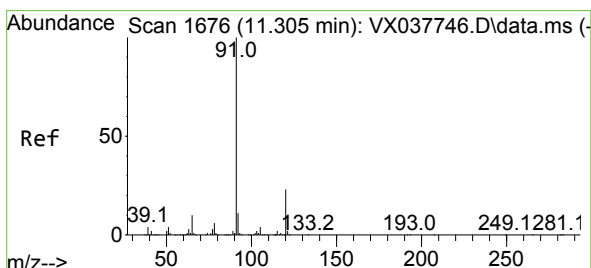
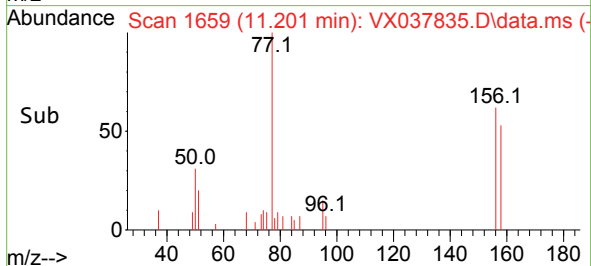
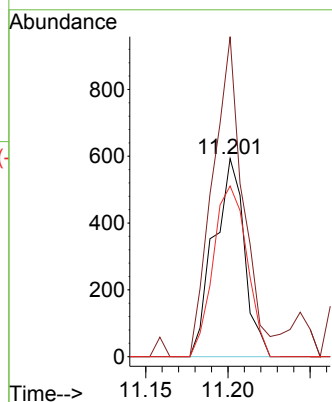
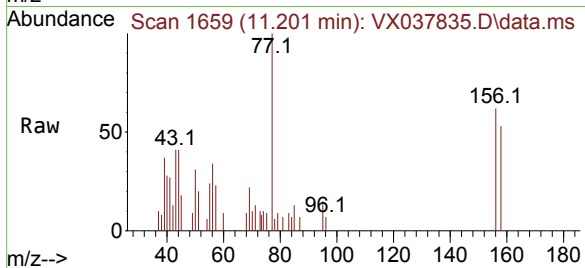
Tgt Ion:156 Resp: 765

Ion Ratio Lower Upper

156 100

77 160.4 88.4 265.3

158 95.7 48.0 144.0



#78

n-propylbenzene

Concen: 0.881 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037835.D

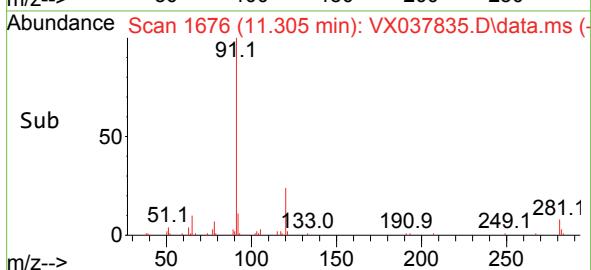
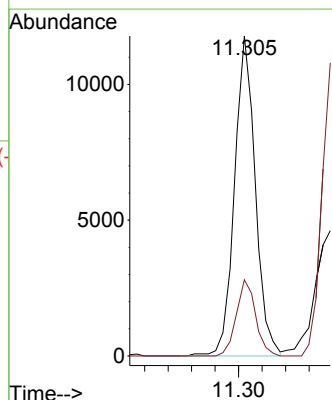
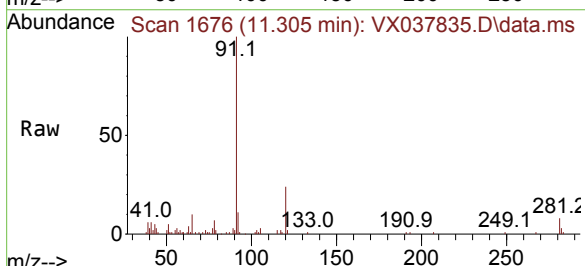
Acq: 20 Sep 2023 16:16

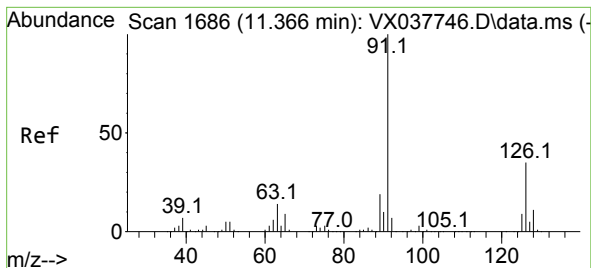
Tgt Ion: 91 Resp: 14462

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.513 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.085 min

Lab File: VX037835.D

Acq: 20 Sep 2023 16:16

Instrument :

MSVOA_X

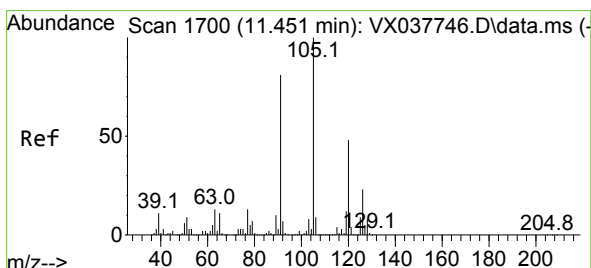
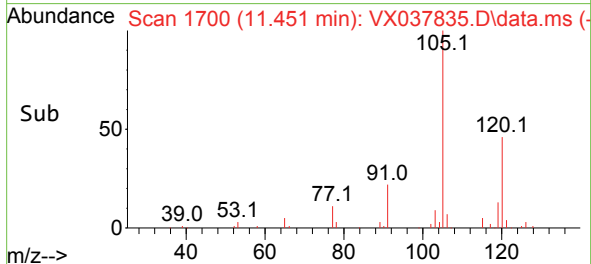
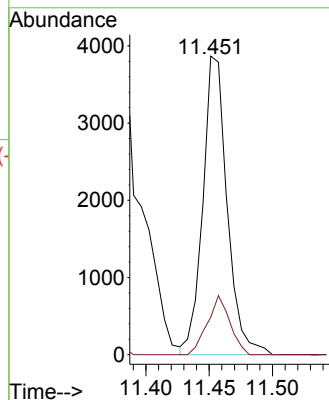
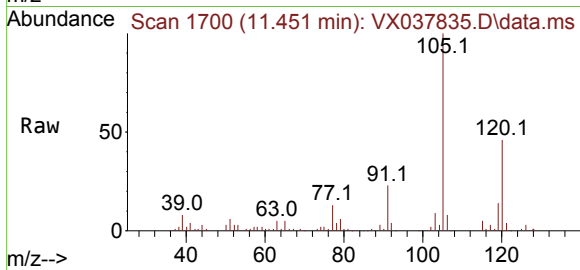
ClientSampleId :

Tgt Ion: 91 Resp: 5189

Ion Ratio Lower Upper

91 100

126 18.3 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 1.635 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX037835.D

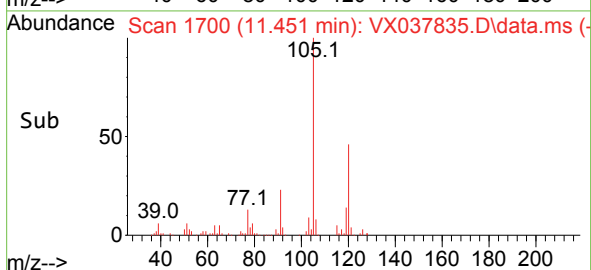
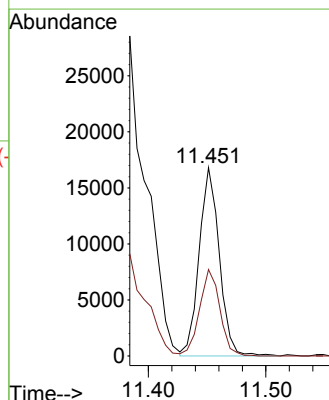
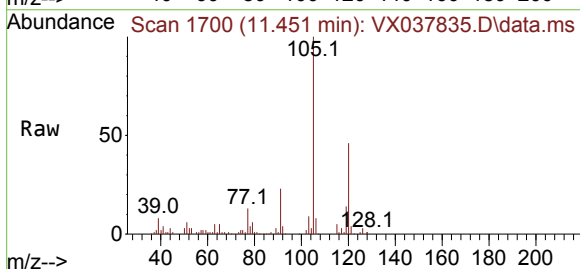
Acq: 20 Sep 2023 16:16

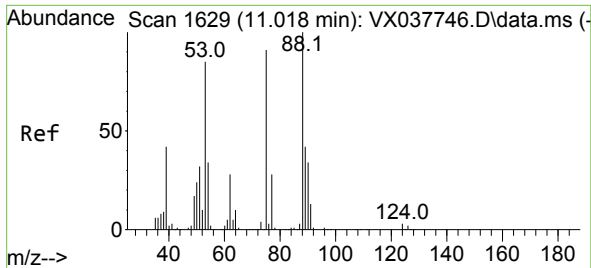
Tgt Ion: 105 Resp: 20071

Ion Ratio Lower Upper

105 100

120 46.3 24.1 72.3

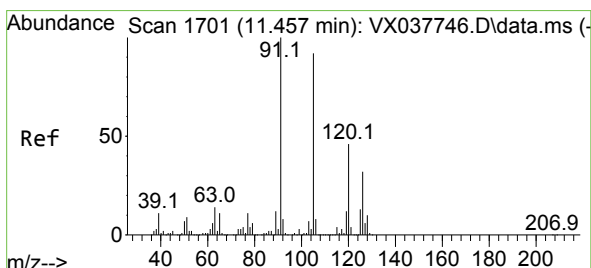
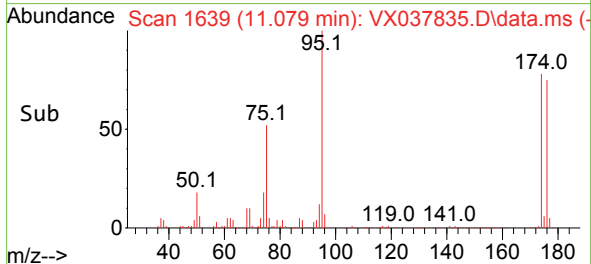
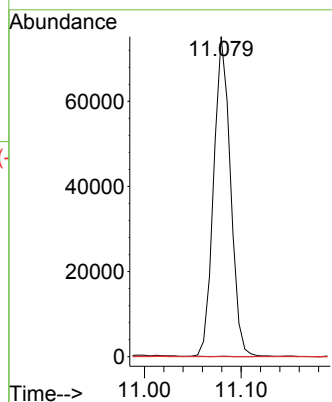
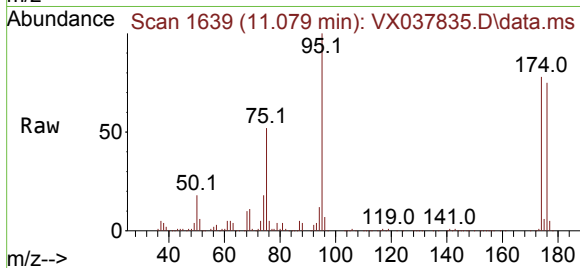




#81
trans-1,4-Dichloro-2-butene
Concen: 63.498 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

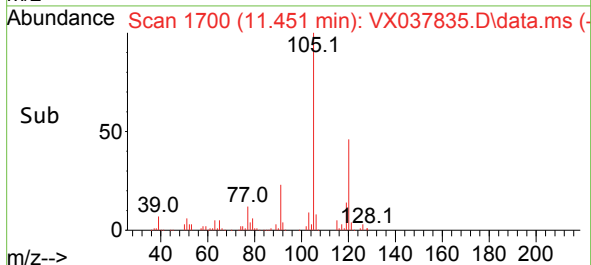
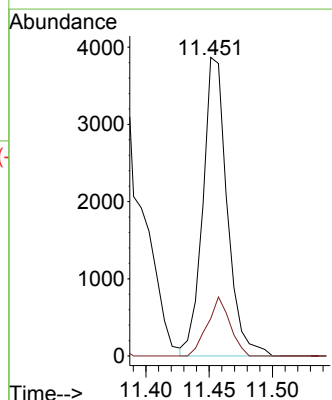
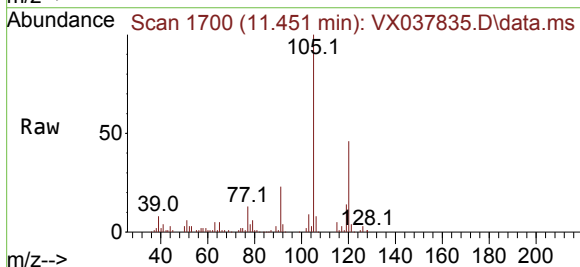
Instrument :
MSVOA_X
ClientSampleId :

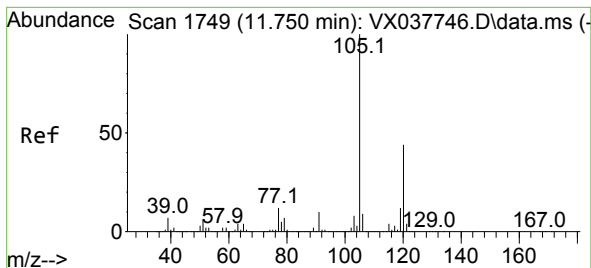
Tgt Ion: 75 Resp: 90840
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.455 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

Tgt Ion: 91 Resp: 5189
Ion Ratio Lower Upper
91 100
126 18.3 14.2 42.6





#84

1,2,4-Trimethylbenzene

Concen: 7.551 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX037835.D

Acq: 20 Sep 2023 16:16

Instrument :

MSVOA_X

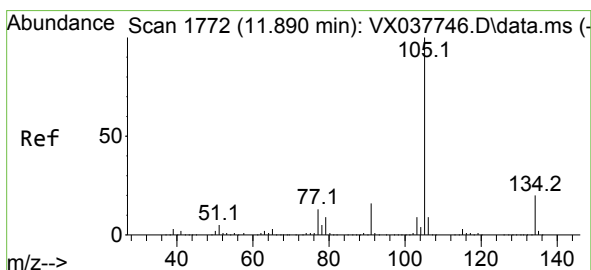
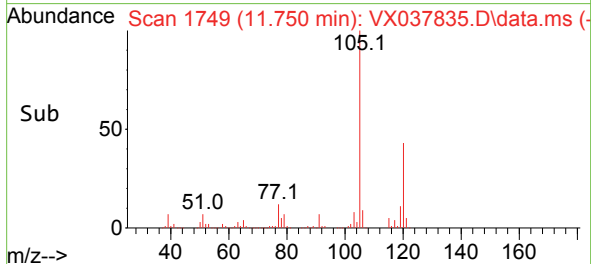
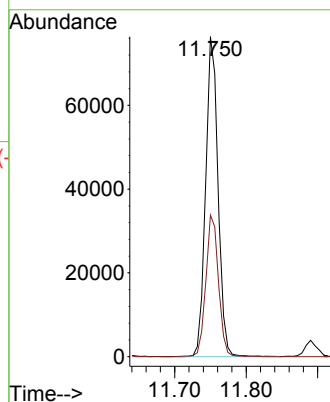
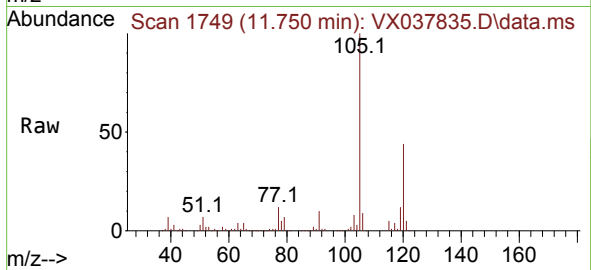
ClientSampleId :

Tgt Ion:105 Resp: 92232

Ion Ratio Lower Upper

105 100

120 45.2 21.2 63.6



#85

sec-Butylbenzene

Concen: 0.312 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX037835.D

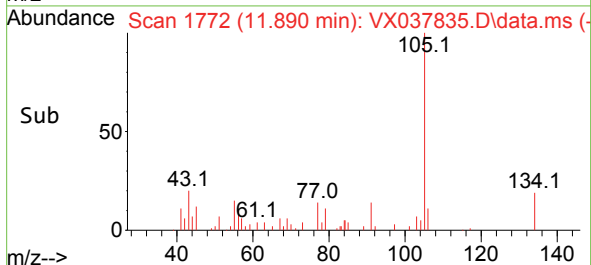
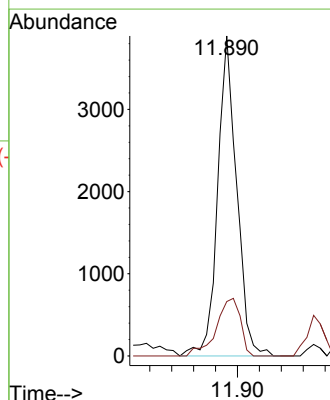
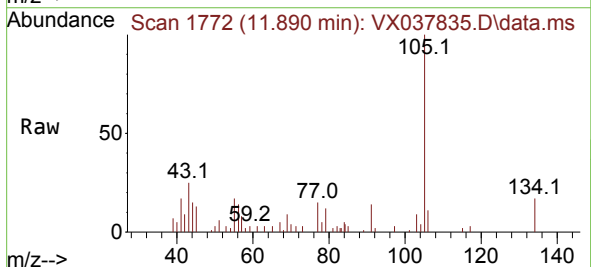
Acq: 20 Sep 2023 16:16

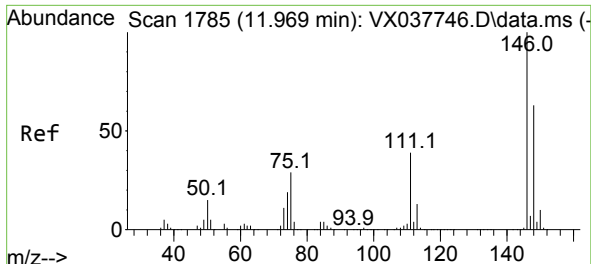
Tgt Ion:105 Resp: 4692

Ion Ratio Lower Upper

105 100

134 22.9 9.8 29.4





#87

1,3-Dichlorobenzene

Concen: 0.342 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX037835.D

Acq: 20 Sep 2023 16:16

Instrument :

MSVOA_X

ClientSampleId :

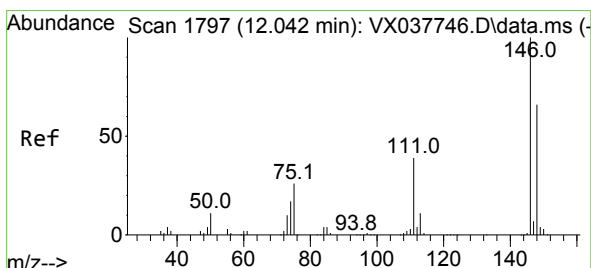
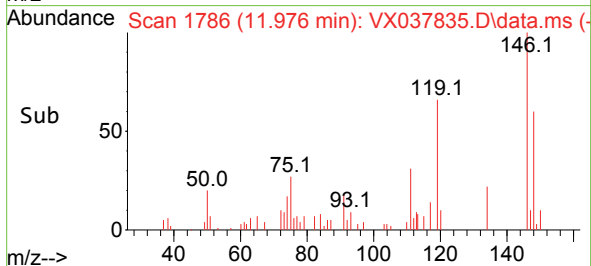
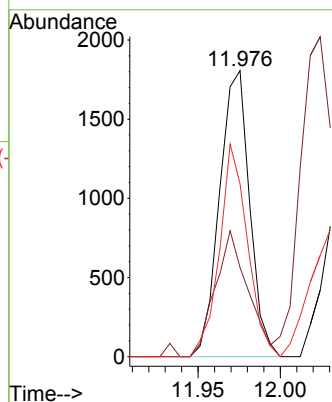
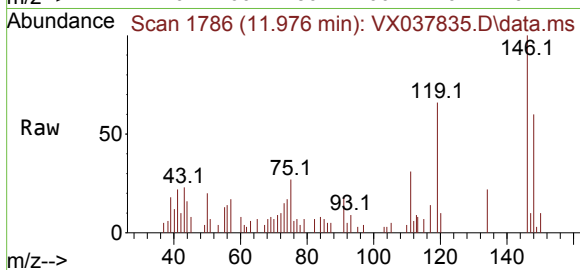
Tgt Ion:146 Resp: 2296

Ion Ratio Lower Upper

146 100

111 47.6 22.1 66.1

148 69.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.335 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX037835.D

Acq: 20 Sep 2023 16:16

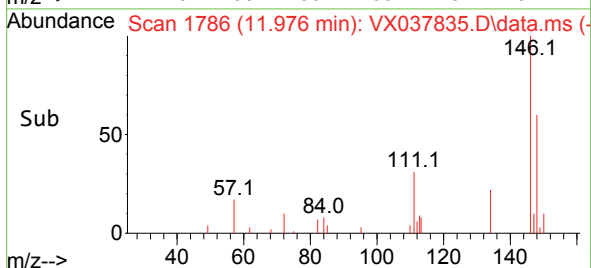
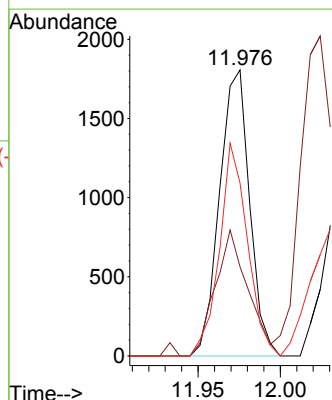
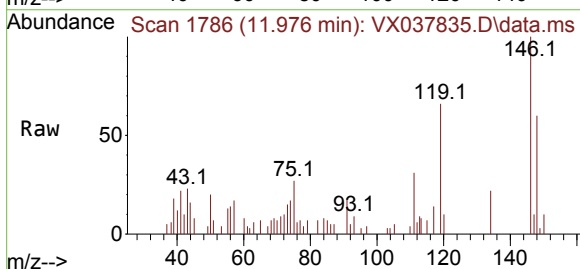
Tgt Ion:146 Resp: 2296

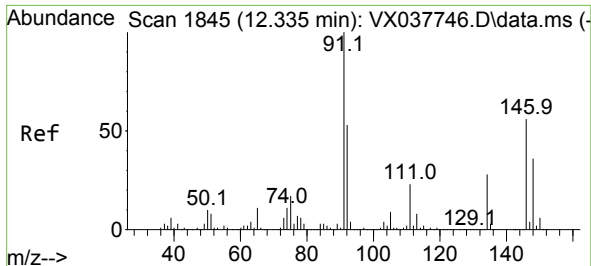
Ion Ratio Lower Upper

146 100

111 47.6 21.3 63.7

148 69.3 31.8 95.4





#89

n-Butylbenzene

Concen: 0.779 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX037835.D

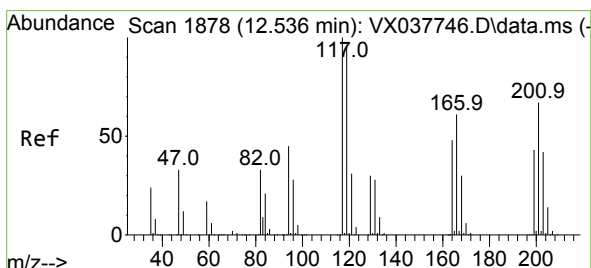
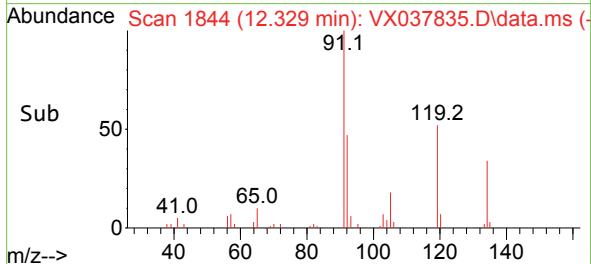
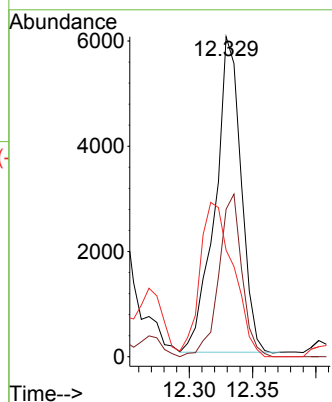
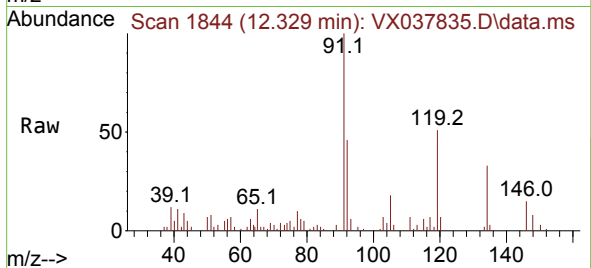
Acq: 20 Sep 2023 16:16

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 91	Resp: 8561
Ion Ratio	Lower Upper
91	100
92	46.0 27.4 82.0
134	62.6 12.6 37.8#



#90

Hexachloroethane

Concen: 0.678 ug/l

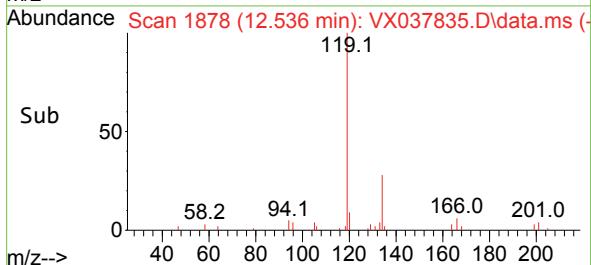
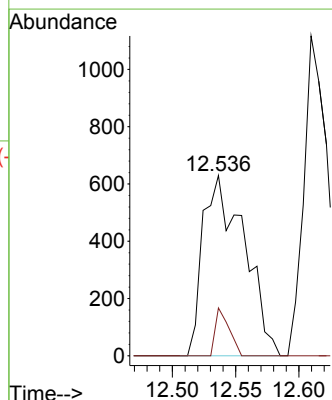
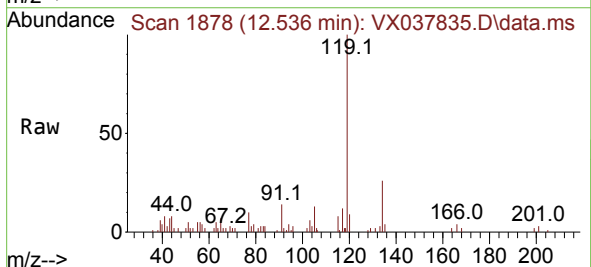
RT: 12.536 min Scan# 1878

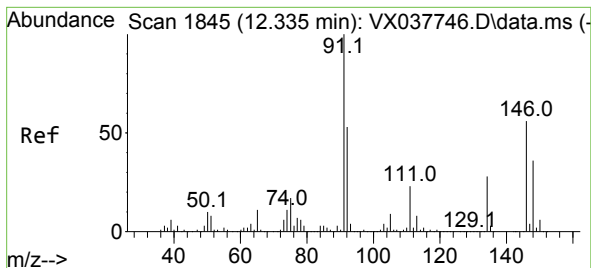
Delta R.T. -0.000 min

Lab File: VX037835.D

Acq: 20 Sep 2023 16:16

Tgt Ion: 117	Resp: 1441
Ion Ratio	Lower Upper
117	100
201	8.7 32.9 98.6#





#91

1,2-Dichlorobenzene

Concen: 0.268 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037835.D

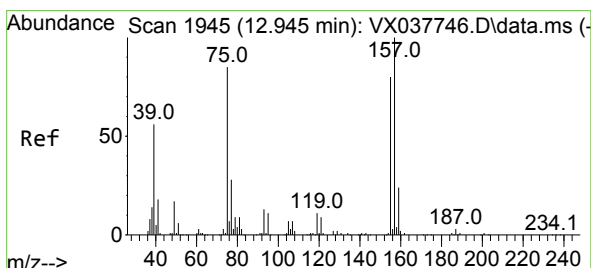
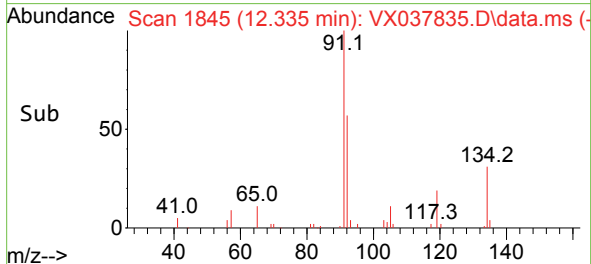
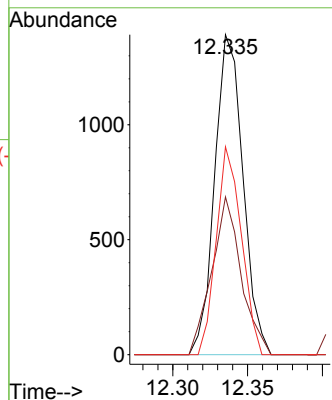
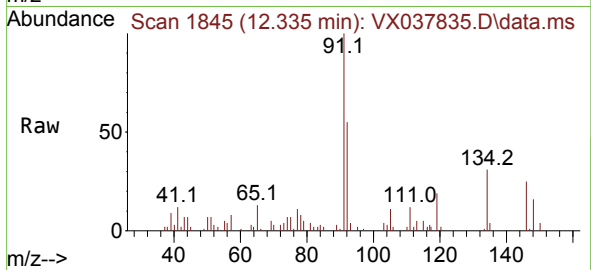
Acq: 20 Sep 2023 16:16

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:146	Resp:	1832
Ion Ratio	Lower	Upper
146	100	
111	51.2	22.4 67.0
148	57.7	31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.241 ug/l

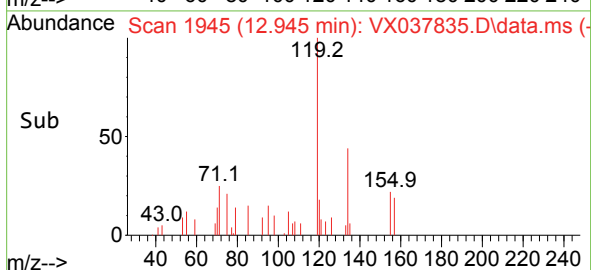
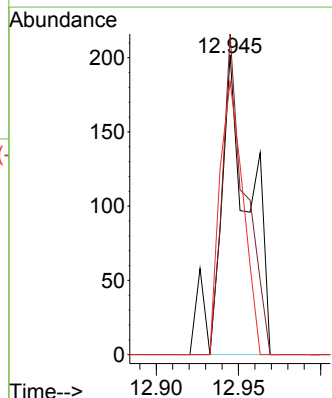
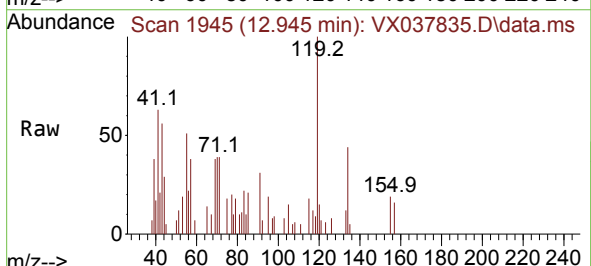
RT: 12.945 min Scan# 1945

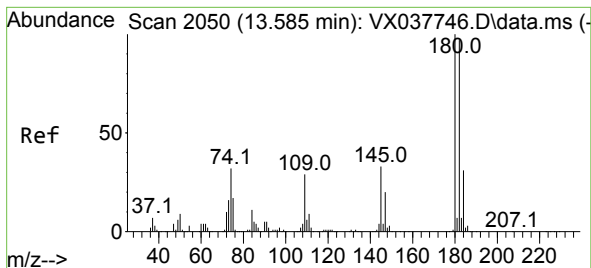
Delta R.T. 0.006 min

Lab File: VX037835.D

Acq: 20 Sep 2023 16:16

Tgt Ion: 75	Resp:	246
Ion Ratio	Lower	Upper
75	100	
155	84.1	36.1 108.5
157	74.0	44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 0.824 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX037835.D

Acq: 20 Sep 2023 16:16

Instrument :

MSVOA_X

ClientSampleId :

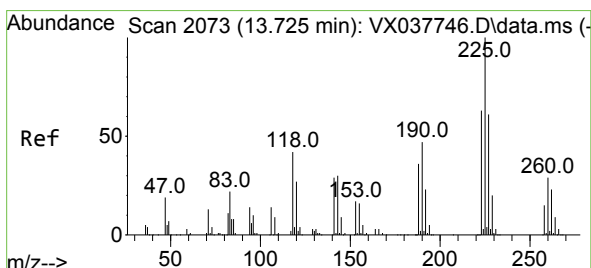
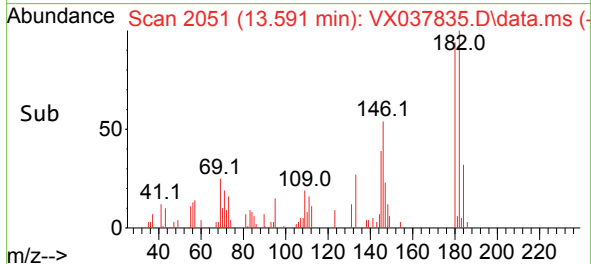
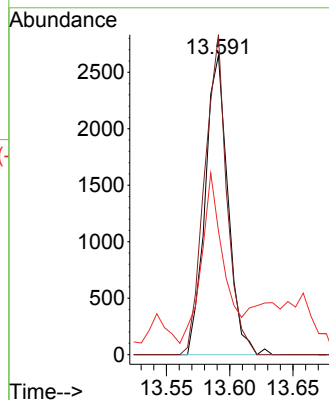
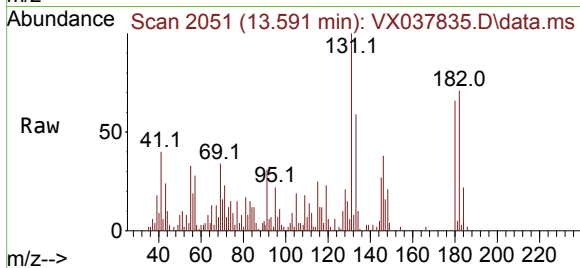
Tgt Ion:180 Resp: 3323

Ion Ratio Lower Upper

180 100

182 105.1 48.3 144.8

145 54.7 18.0 54.0#



#94

Hexachlorobutadiene

Concen: 1.178 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037835.D

Acq: 20 Sep 2023 16:16

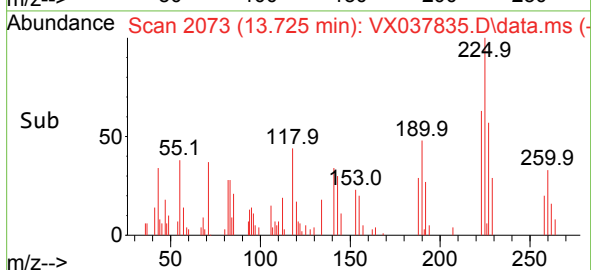
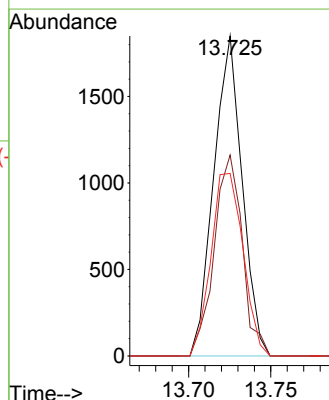
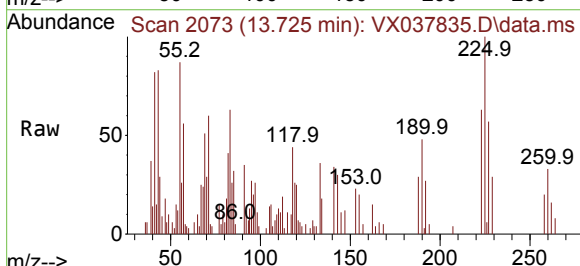
Tgt Ion:225 Resp: 2219

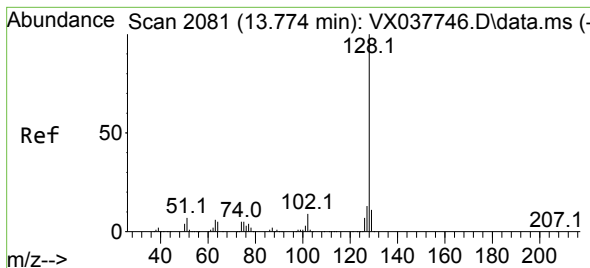
Ion Ratio Lower Upper

225 100

223 62.2 31.1 93.2

227 64.5 32.5 97.5

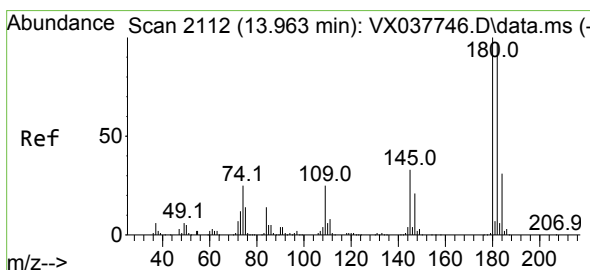
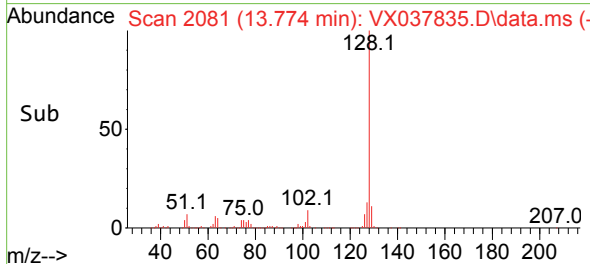
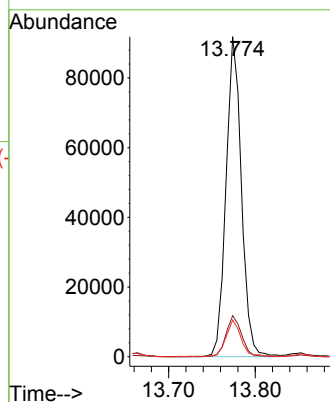
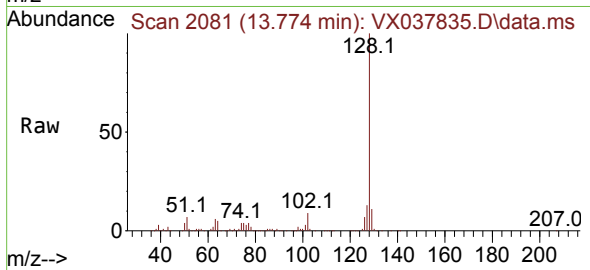




#95
Naphthalene
Concen: 8.305 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 113292
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.907 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037835.D
Acq: 20 Sep 2023 16:16

Tgt Ion:180 Resp: 3763
Ion Ratio Lower Upper
180 100
182 92.7 46.9 140.6
145 61.0 17.8 53.5#

