

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\
 Data File : VX037751.D
 Acq On : 15 Sep 2023 13:32
 Operator : JC/MD
 Sample : VX0915MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915MBL01

Quant Time: Sep 16 05:42:16 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	5.550	168	220999	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	359139	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	130522	44.952	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.900%		
35) Dibromofluoromethane	5.385	113	111807	46.528	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.060%		
50) Toluene-d8	8.647	98	429137	48.063	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.120%		
62) 4-Bromofluorobenzene	11.079	95	145226	44.760	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.520%		
Target Compounds						
						Qvalue
5) Bromomethane	1.593	94	433	0.221	ug/l	# 58
10) Methyl Iodide	2.453	142	654	0.222	ug/l	92
11) Tert butyl alcohol	2.953	59	2597	4.167	ug/l	# 86
12) 1,1-Dichloroethene	2.319	96	457	0.212	ug/l	# 28
13) Acrolein	2.233	56	1138	1.848	ug/l	# 78
15) Acrylonitrile	3.081	53	1326	0.957	ug/l	# 93
16) Acetone	2.380	43	1806	1.293	ug/l	98
17) Carbon Disulfide	2.514	76	3993	0.739	ug/l	# 93
18) Methyl Acetate	2.709	43	1111	0.220	ug/l	# 84
20) Methylene Chloride	2.788	84	3460	1.315	ug/l	91
21) trans-1,2-Dichloroethene	3.099	96	664	0.277	ug/l	# 62
23) Vinyl Acetate	3.745	43	2077	0.378	ug/l	# 94
25) 2-Butanone	4.580	43	1831	0.929	ug/l	# 78
29) Tetrahydrofuran	5.038	42	707	0.577	ug/l	# 63
31) Cyclohexane	5.544	56	5083	1.364	ug/l	# 1
36) 1,1-Dichloropropene	5.696	75	739	0.223	ug/l	# 67
38) Carbon Tetrachloride	5.550	117	22353	6.454	ug/l	# 15
44) Trichloroethene	7.135	130	1059	0.374	ug/l	84
49) 1,4-Dioxane	7.702	88	53	0.727	ug/l	# 12
51) 4-Methyl-2-Pentanone	8.580	43	1530	0.414	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.269	63	619	0.321	ug/l	# 76
59) 2-Hexanone	9.451	43	1431	0.498	ug/l	74
64) Tetrachloroethene	9.281	164	557	0.256	ug/l	# 67
68) m/p-Xylenes	10.305	106	1299	0.282	ug/l	84
76) 1,2,3-Trichloropropane	11.079	75	74250	22.663	ug/l	# 39
77) Bromobenzene	11.195	156	621	0.241	ug/l	88
78) n-propylbenzene	11.311	91	2405	0.205	ug/l	99
79) 2-Chlorotoluene	11.372	91	1602	0.221	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	74250	72.596	ug/l	# 5
82) 4-Chlorotoluene	11.463	91	2639	0.324	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1879	0.215	ug/l	92
86) p-Isopropyltoluene	12.012	119	1980	0.221	ug/l	# 78
87) 1,3-Dichlorobenzene	11.975	146	1933	0.403	ug/l	94
88) 1,4-Dichlorobenzene	11.975	146	1933	0.394	ug/l	95
89) n-Butylbenzene	12.335	91	2116	0.269	ug/l	99
91) 1,2-Dichlorobenzene	12.341	146	1474	0.301	ug/l	97

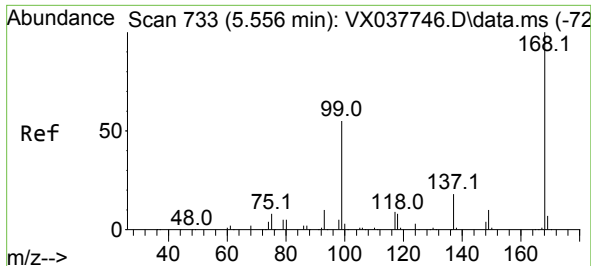
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.591	180	2291	0.794	ug/l	96
94) Hexachlorobutadiene	13.725	225	572	0.425	ug/l	90
95) Naphthalene	13.780	128	7790	0.799	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	2540	0.856	ug/l	90

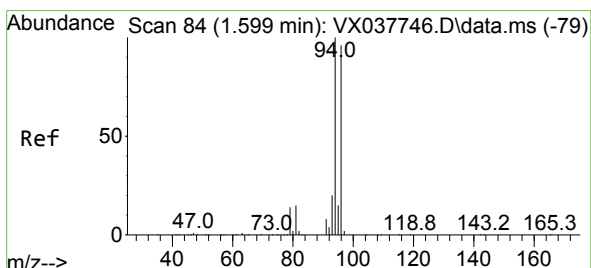
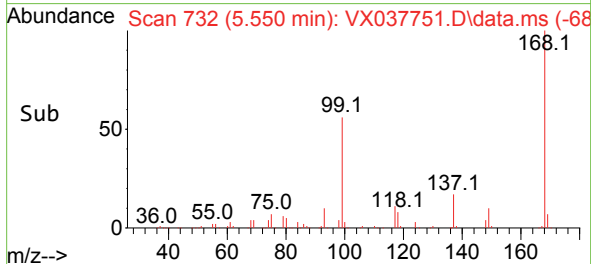
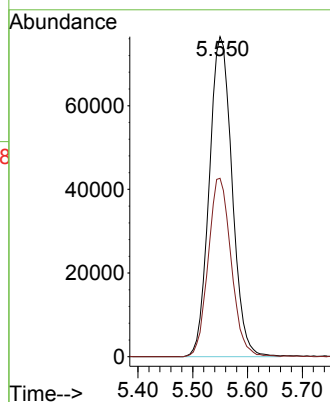
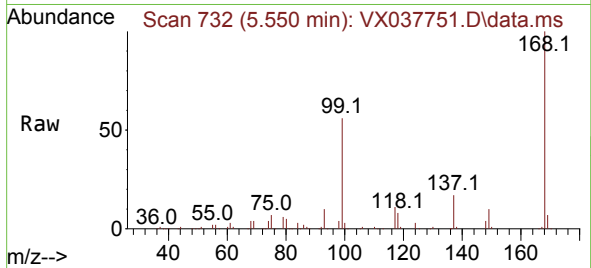
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

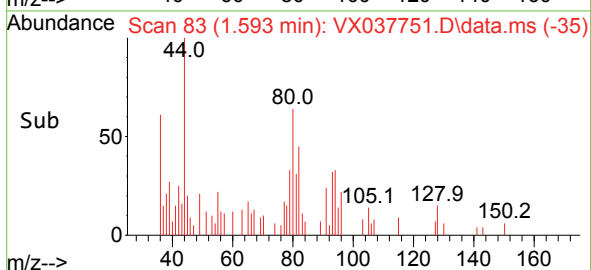
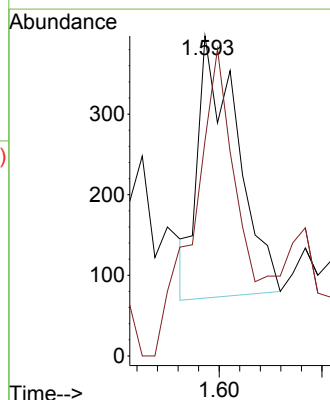
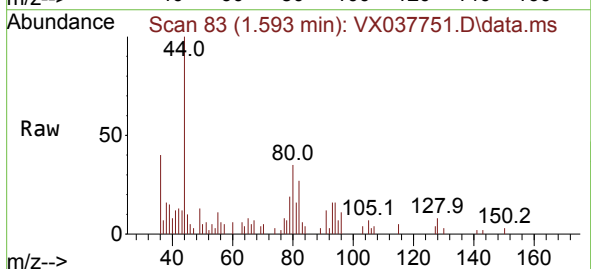
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

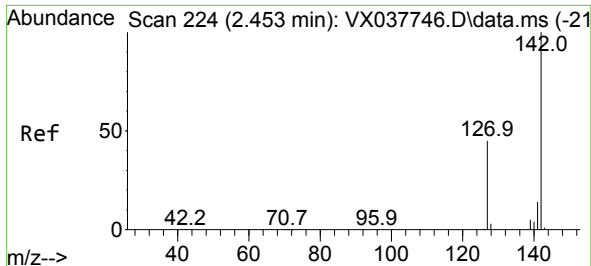
Tgt Ion:168 Resp: 220999
Ion Ratio Lower Upper
168 100
99 55.7 56.6 85.0#



#5
Bromomethane
Concen: 0.221 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

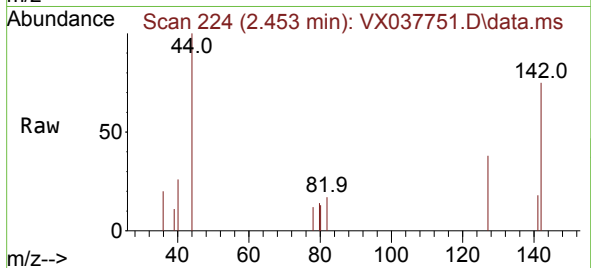
Tgt Ion: 94 Resp: 433
Ion Ratio Lower Upper
94 100
96 53.0 74.6 111.8#



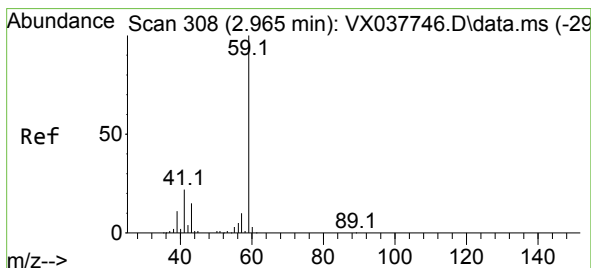
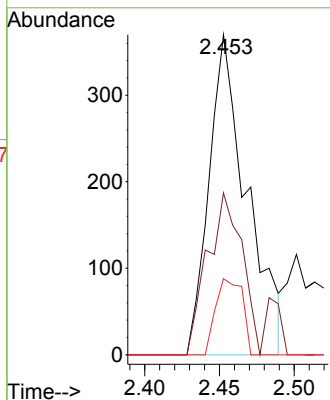
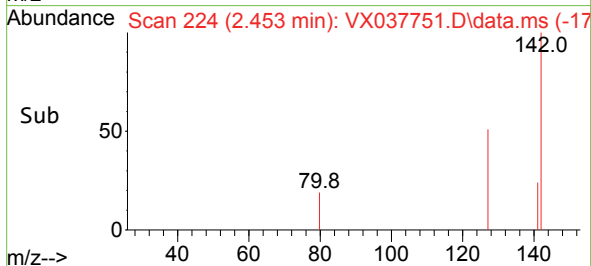


#10
Methyl Iodide
Concen: 0.222 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

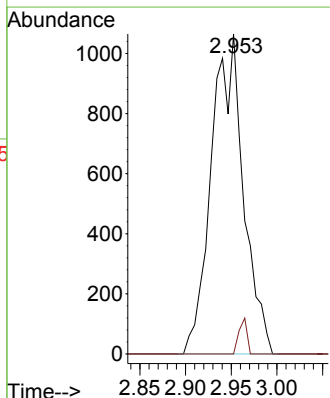
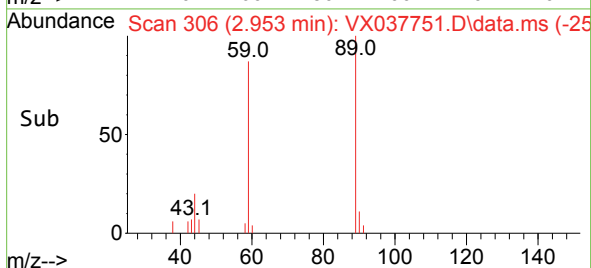
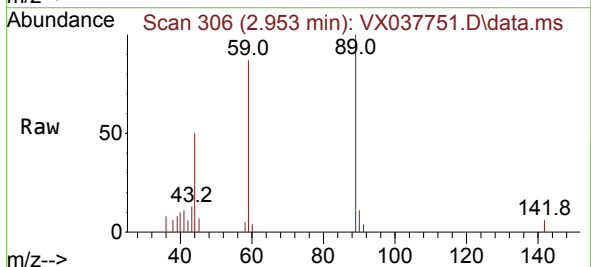


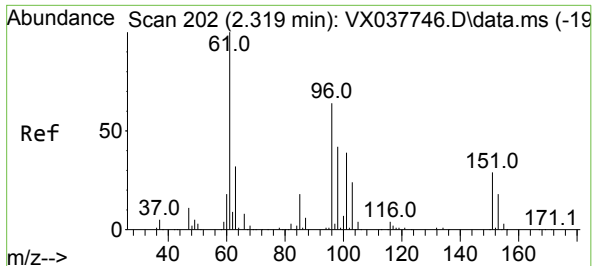
Tgt Ion:142 Resp: 654
Ion Ratio Lower Upper
142 100
127 46.0 41.6 62.4
141 16.7 11.6 17.4



#11
Tert butyl alcohol
Concen: 4.167 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

Tgt Ion: 59 Resp: 2597
Ion Ratio Lower Upper
59 100
57 2.8 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 0.212 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX037751.D

Acq: 15 Sep 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0915MBL01

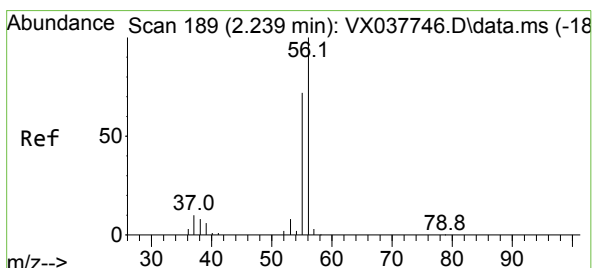
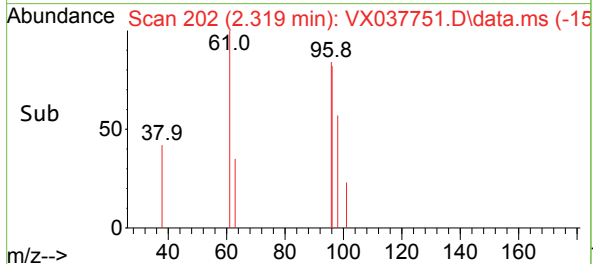
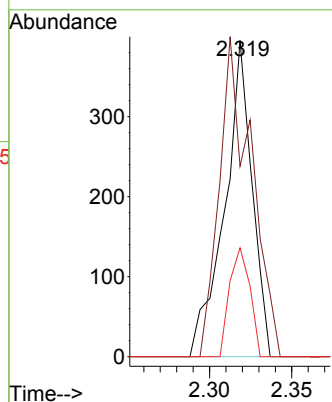
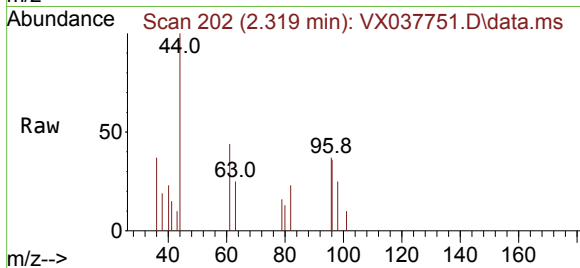
Tgt Ion: 96 Resp: 457

Ion Ratio Lower Upper

96 100

61 60.3 144.6 216.8#

98 34.4 50.4 75.6#



#13

Acrolein

Concen: 1.848 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX037751.D

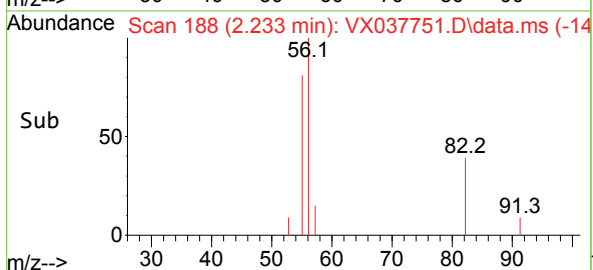
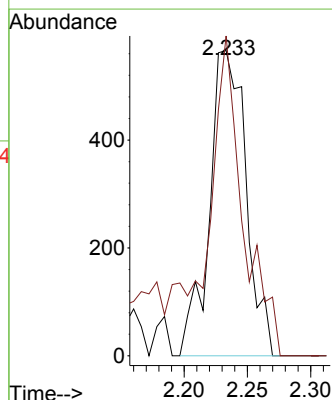
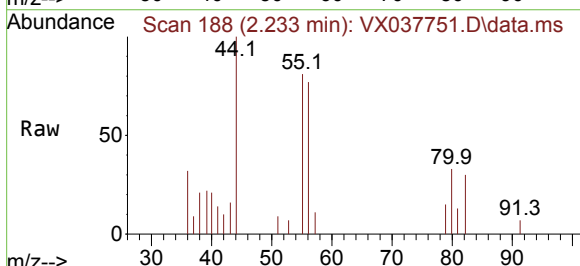
Acq: 15 Sep 2023 13:32

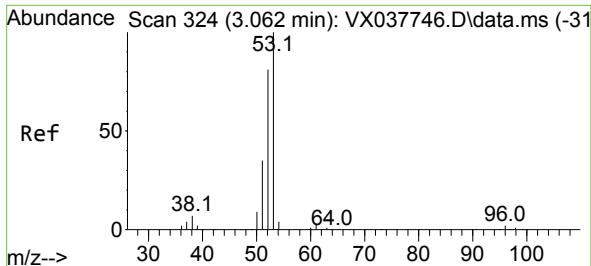
Tgt Ion: 56 Resp: 1138

Ion Ratio Lower Upper

56 100

55 90.0 57.1 85.7#





#15

Acrylonitrile

Concen: 0.957 ug/l

RT: 3.081 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX037751.D

Acq: 15 Sep 2023 13:32

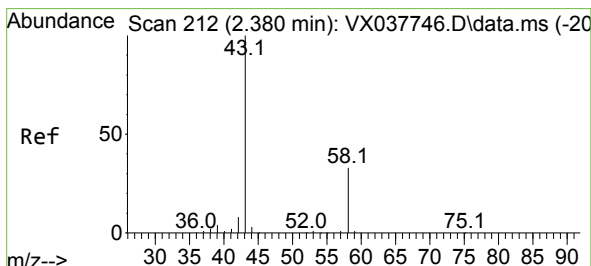
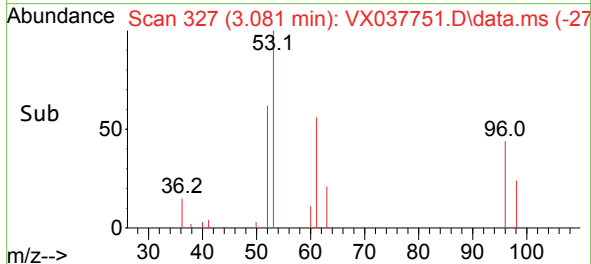
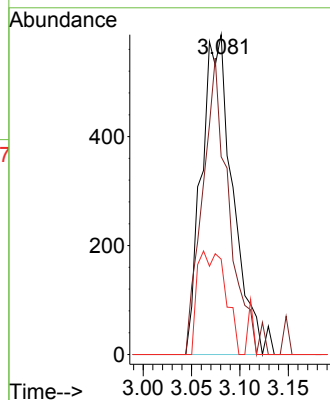
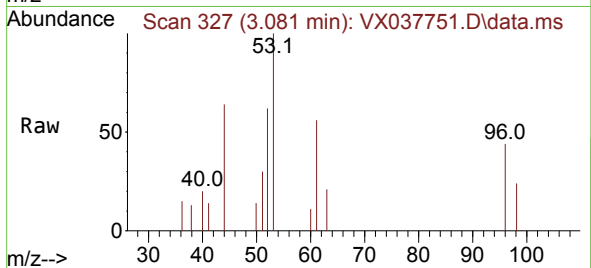
Instrument :

MSVOA_X

ClientSampleId :

VX0915MBL01

Tgt Ion: 53	Resp:	1326
Ion	Ratio	Lower Upper
53	100	
52	78.6	66.0 99.0
51	29.0	29.8 44.6#



#16

Acetone

Concen: 1.293 ug/l

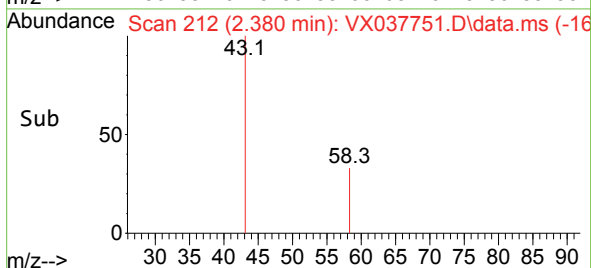
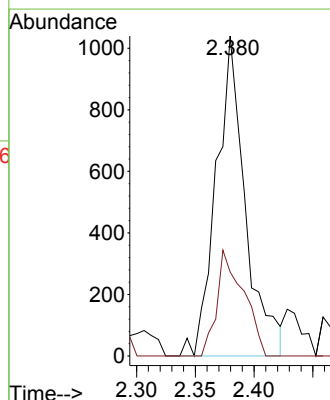
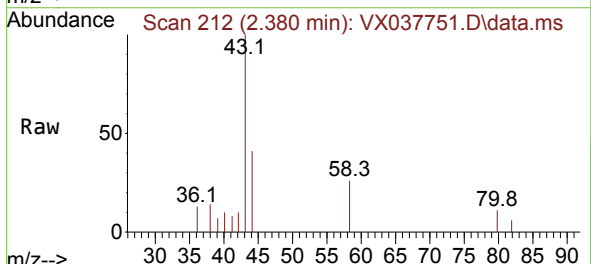
RT: 2.380 min Scan# 212

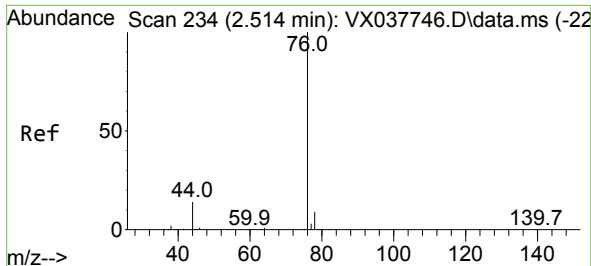
Delta R.T. -0.000 min

Lab File: VX037751.D

Acq: 15 Sep 2023 13:32

Tgt Ion: 43	Resp:	1806
Ion	Ratio	Lower Upper
43	100	
58	26.3	21.9 32.9





#17

Carbon Disulfide

Concen: 0.739 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037751.D

Acq: 15 Sep 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

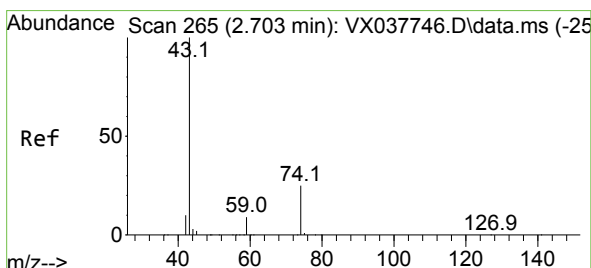
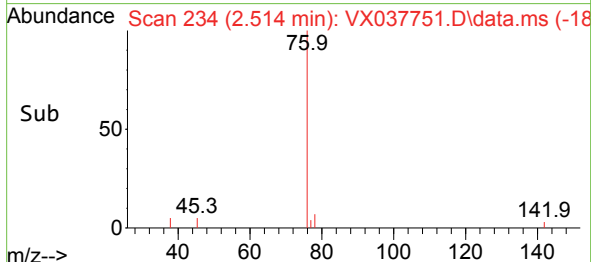
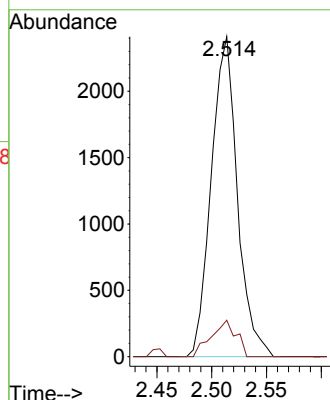
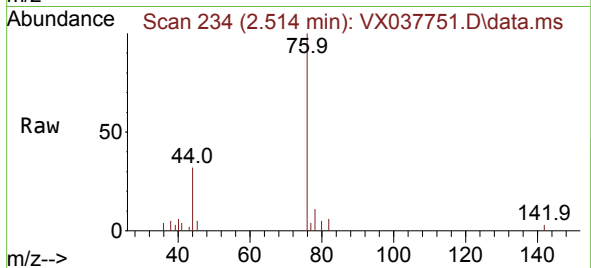
VX0915MBL01

Tgt Ion: 76 Resp: 3993

Ion Ratio Lower Upper

76 100

78 11.4 7.0 10.6#



#18

Methyl Acetate

Concen: 0.220 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX037751.D

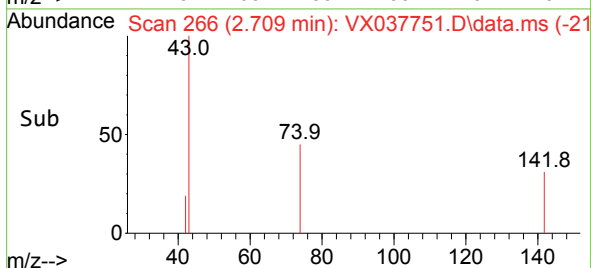
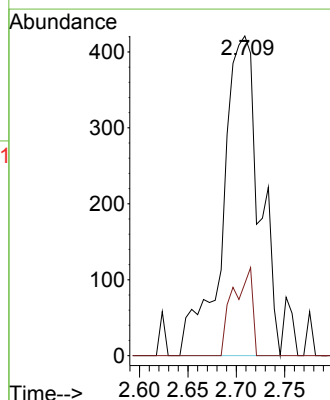
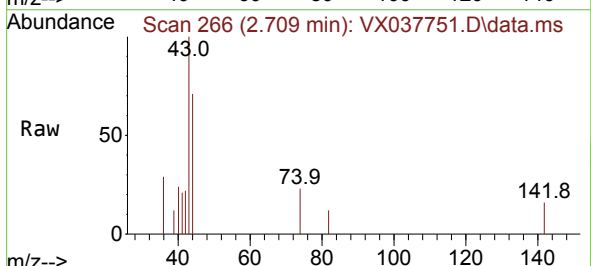
Acq: 15 Sep 2023 13:32

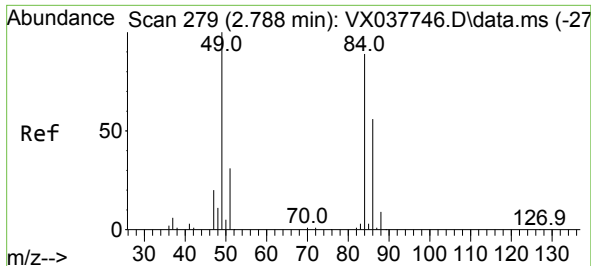
Tgt Ion: 43 Resp: 1111

Ion Ratio Lower Upper

43 100

74 14.6 17.8 26.8#





#20

Methylene Chloride

Concen: 1.315 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037751.D

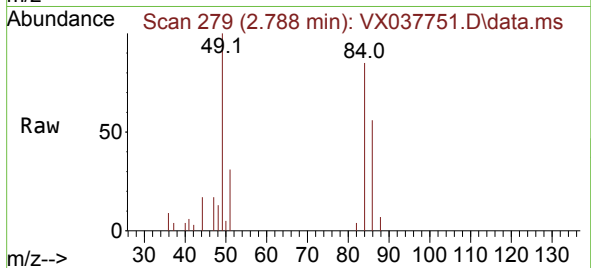
Acq: 15 Sep 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0915MBL01



Tgt Ion: 84 Resp: 3460

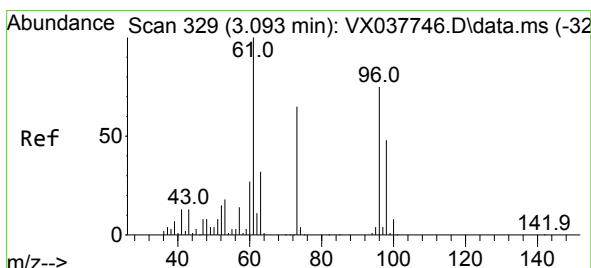
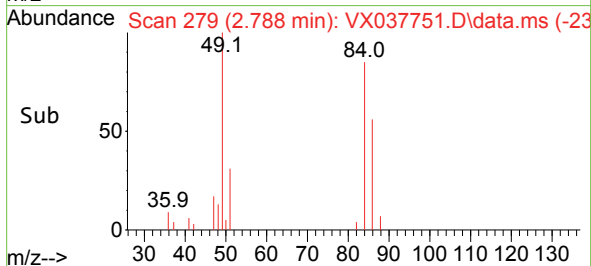
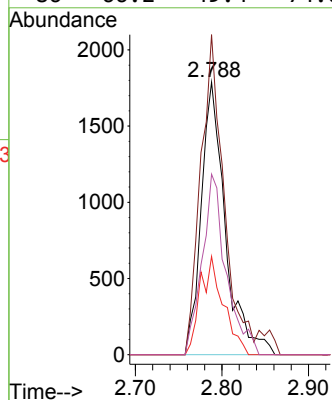
Ion Ratio Lower Upper

84 100

49 117.4 103.6 155.4

51 36.1 33.8 50.6

86 66.2 49.4 74.0



#21

trans-1,2-Dichloroethene

Concen: 0.277 ug/l

RT: 3.099 min Scan# 330

Delta R.T. 0.006 min

Lab File: VX037751.D

Acq: 15 Sep 2023 13:32

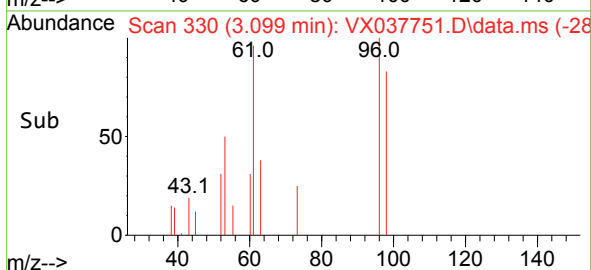
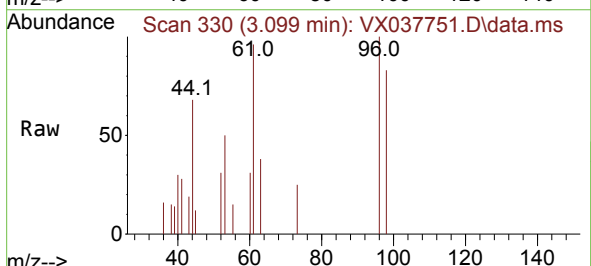
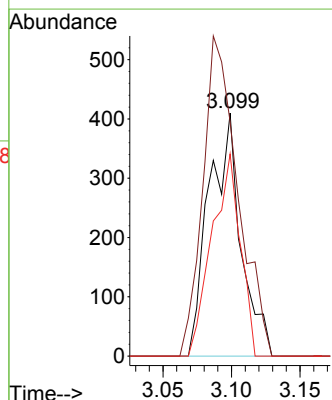
Tgt Ion: 96 Resp: 664

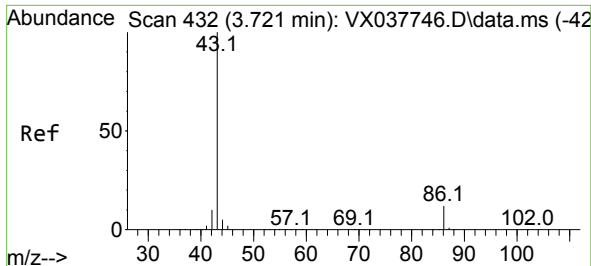
Ion Ratio Lower Upper

96 100

61 96.3 119.2 178.8#

98 83.2 48.7 73.1#

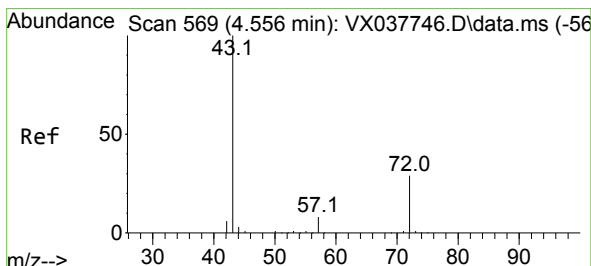
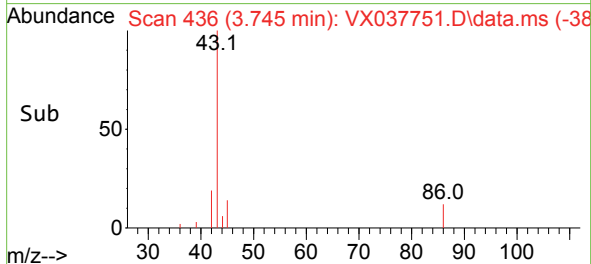
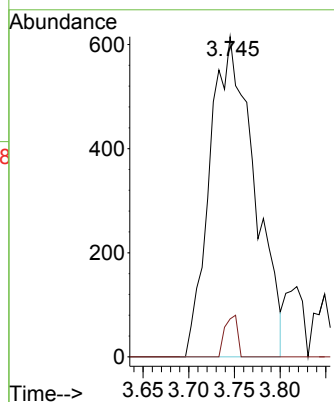
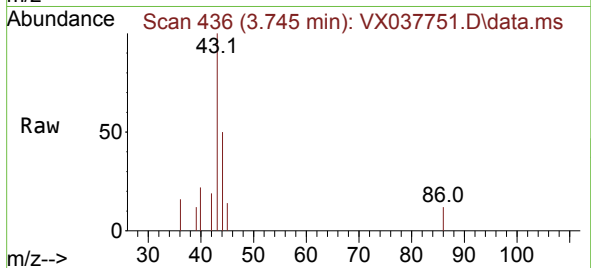




#23
 Vinyl Acetate
 Concen: 0.378 ug/l
 RT: 3.745 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: VX037751.D
 Acq: 15 Sep 2023 13:32

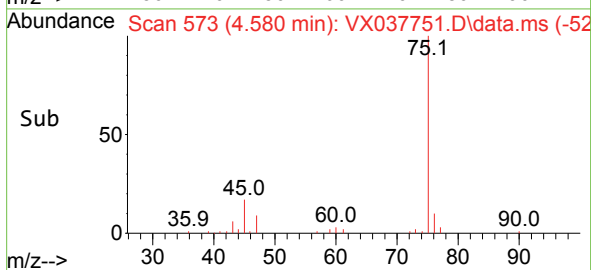
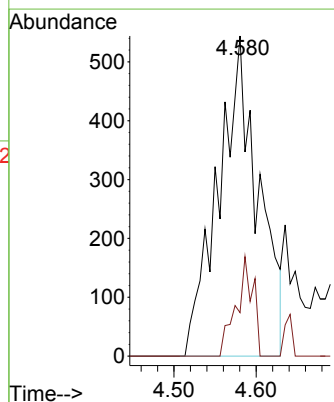
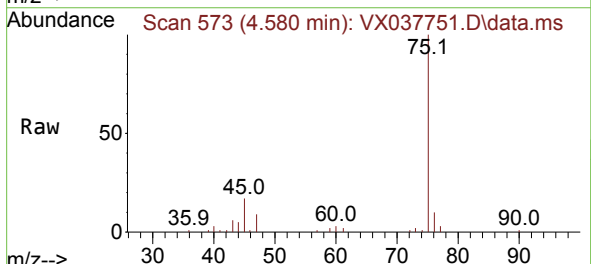
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915MBL01

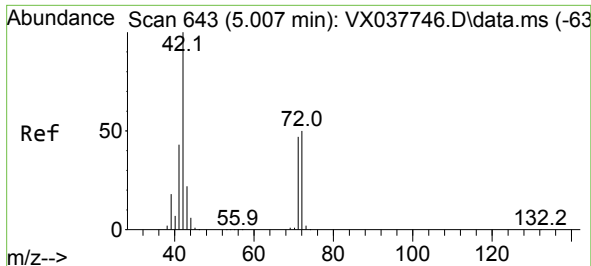
Tgt Ion: 43 Resp: 2077
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.8 11.8#



#25
 2-Butanone
 Concen: 0.929 ug/l
 RT: 4.580 min Scan# 573
 Delta R.T. 0.012 min
 Lab File: VX037751.D
 Acq: 15 Sep 2023 13:32

Tgt Ion: 43 Resp: 1831
 Ion Ratio Lower Upper
 43 100
 72 13.6 19.4 29.2#





#29

Tetrahydrofuran

Concen: 0.577 ug/l

RT: 5.038 min Scan# 643

Delta R.T. 0.024 min

Lab File: VX037751.D

Acq: 15 Sep 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0915MBL01

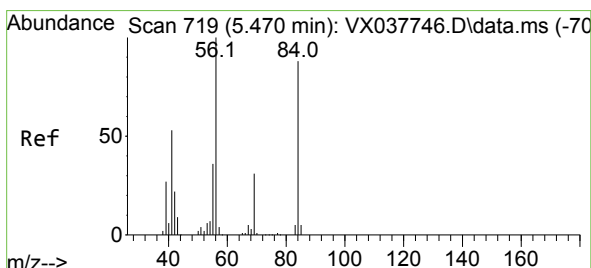
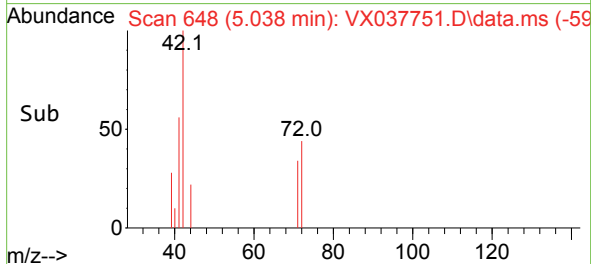
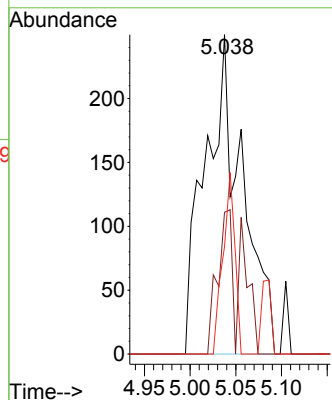
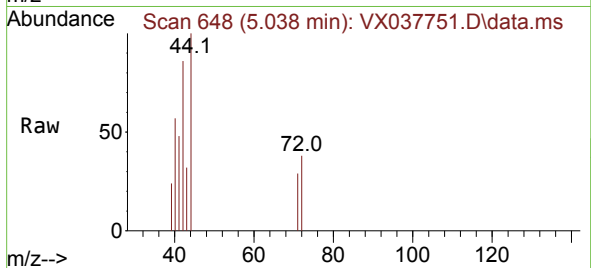
Tgt Ion: 42 Resp: 707

Ion Ratio Lower Upper

42 100

72 17.5 34.2 51.4#

71 18.5 32.2 48.2#



#31

Cyclohexane

Concen: 1.364 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX037751.D

Acq: 15 Sep 2023 13:32

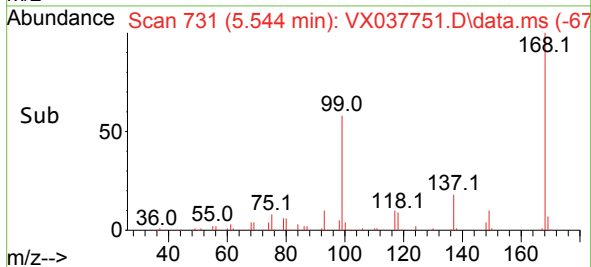
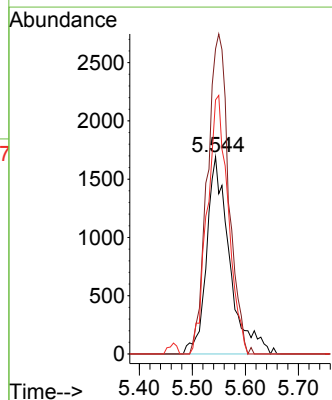
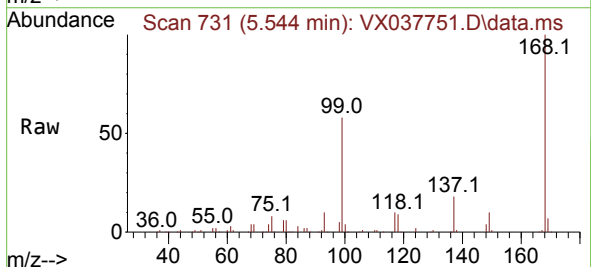
Tgt Ion: 56 Resp: 5083

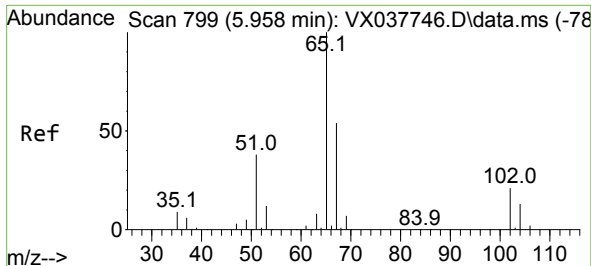
Ion Ratio Lower Upper

56 100

69 154.7 23.4 35.2#

84 128.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.952 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037751.D

Acq: 15 Sep 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

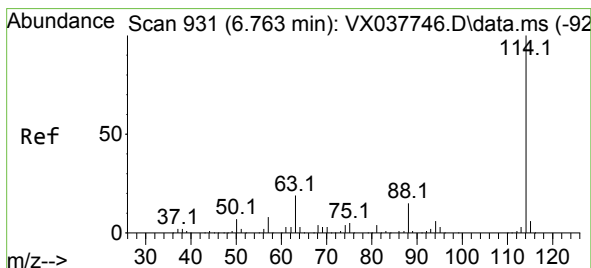
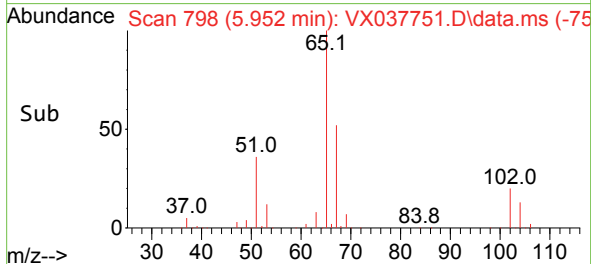
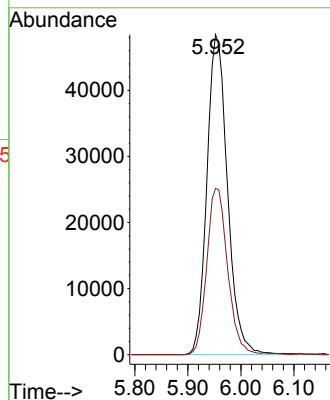
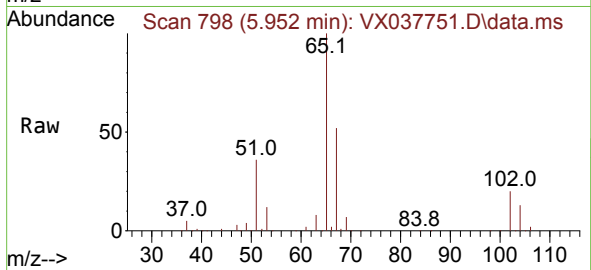
VX0915MBL01

Tgt Ion: 65 Resp: 130522

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: VX037751.D

Acq: 15 Sep 2023 13:32

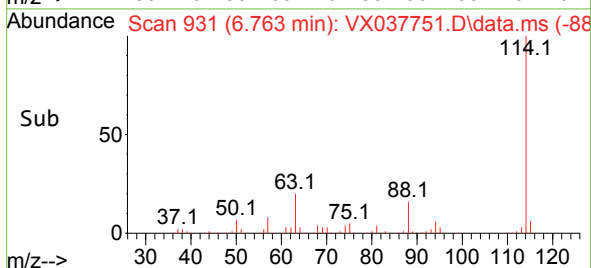
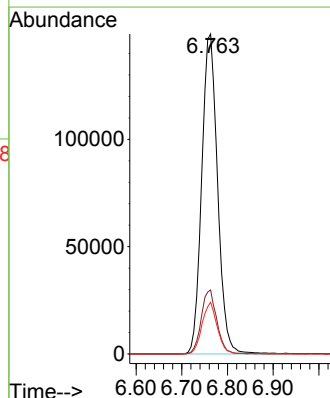
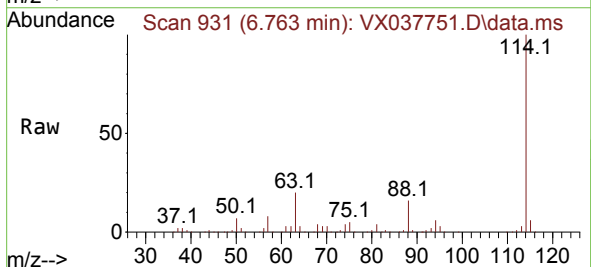
Tgt Ion: 114 Resp: 359139

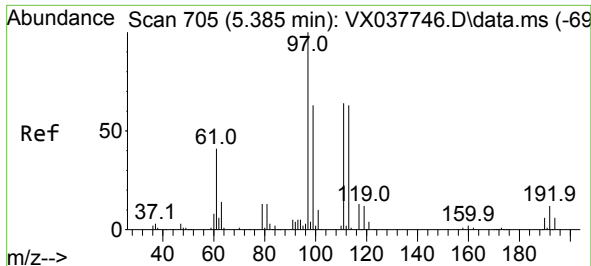
Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

88 16.2 0.0 36.6

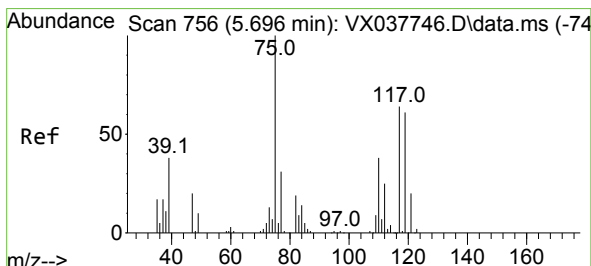
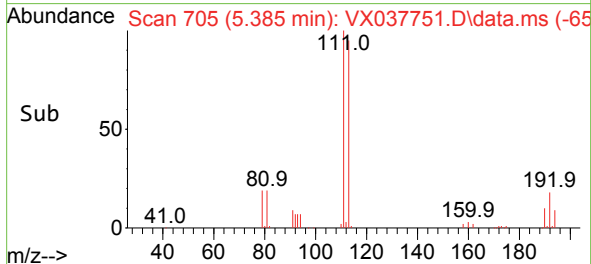
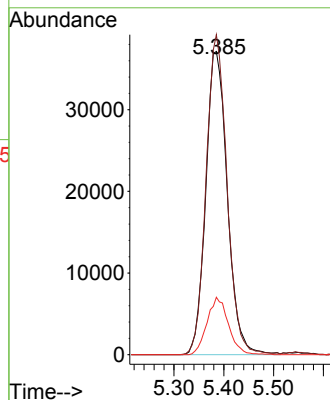
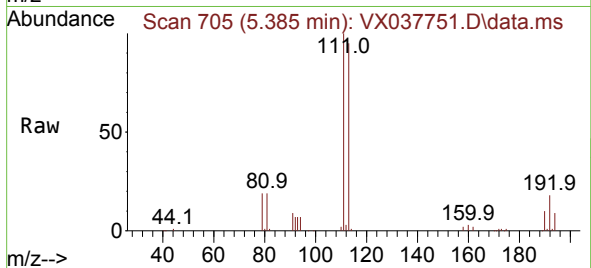




#35
Dibromofluoromethane
Concen: 46.528 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

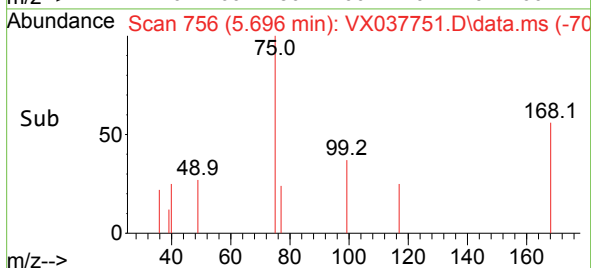
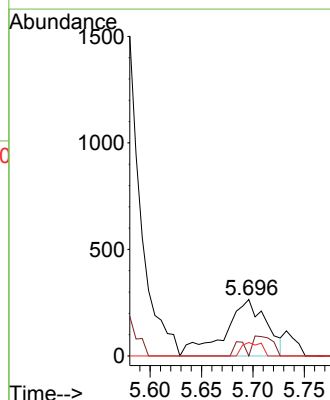
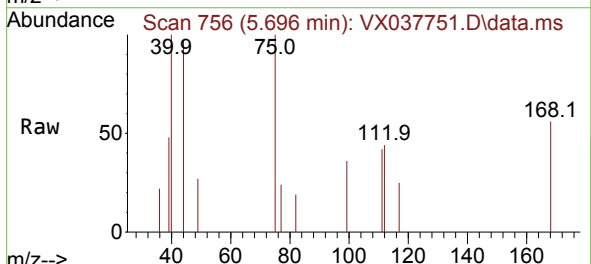
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

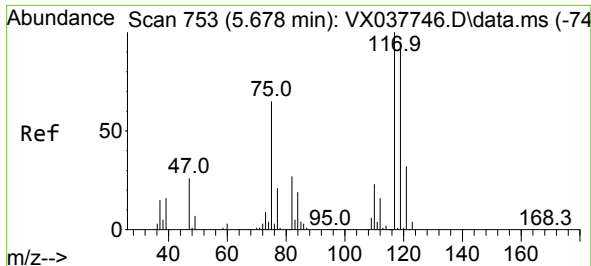
Tgt Ion:113 Resp: 111807
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 0.223 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

Tgt Ion: 75 Resp: 739
Ion Ratio Lower Upper
75 100
110 16.6 17.0 50.9#
77 11.1 24.7 37.1#

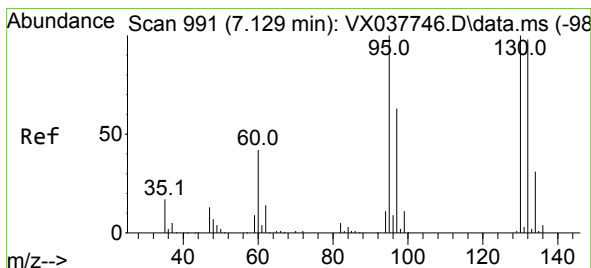
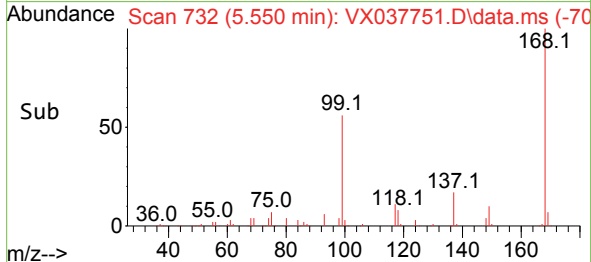
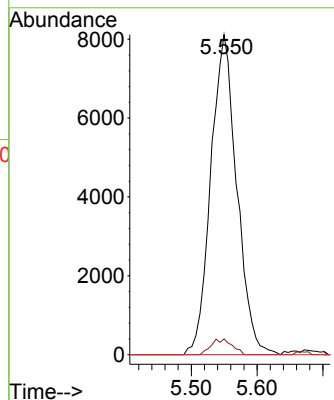
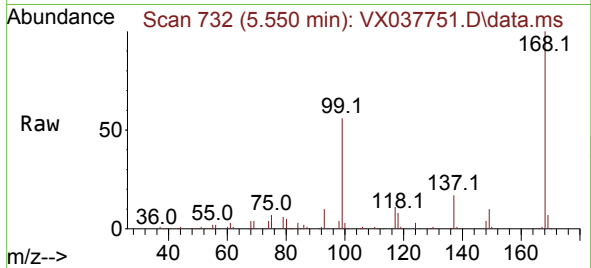




#38
Carbon Tetrachloride
Concen: 6.454 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

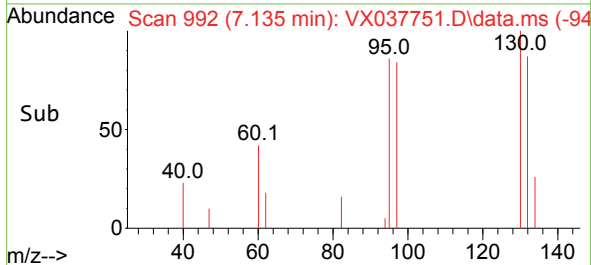
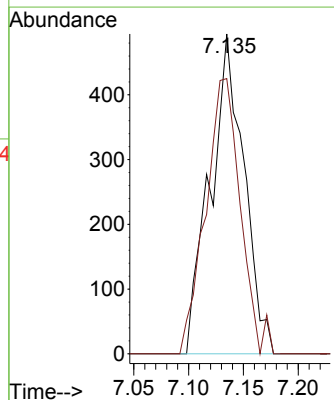
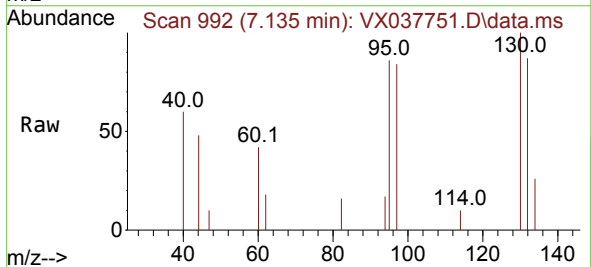
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

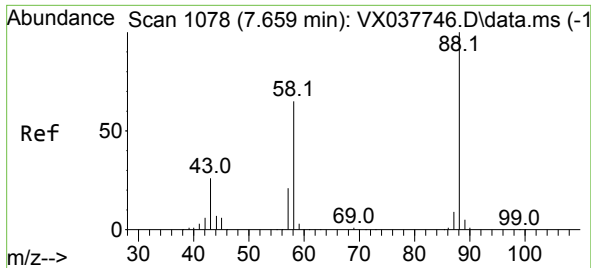
Tgt Ion:117 Resp: 22353
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.374 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

Tgt Ion:130 Resp: 1059
Ion Ratio Lower Upper
130 100
95 86.0 0.0 204.4

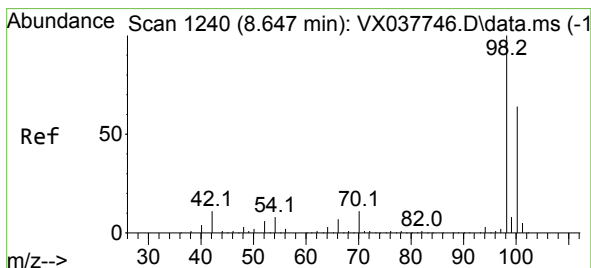
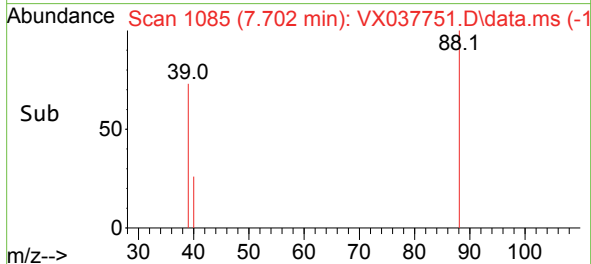
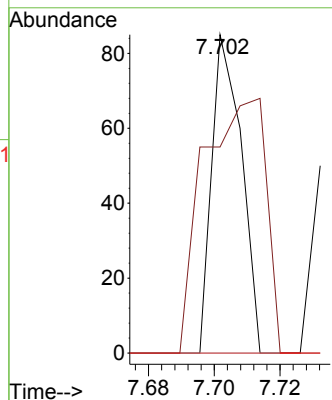
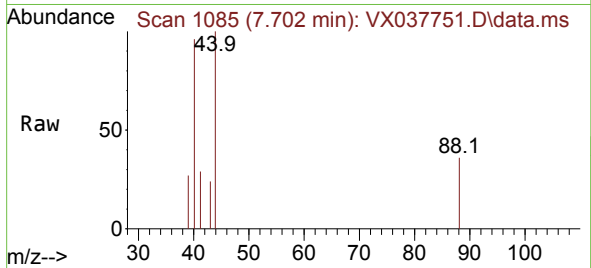




#49
1,4-Dioxane
Concen: 0.727 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.030 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

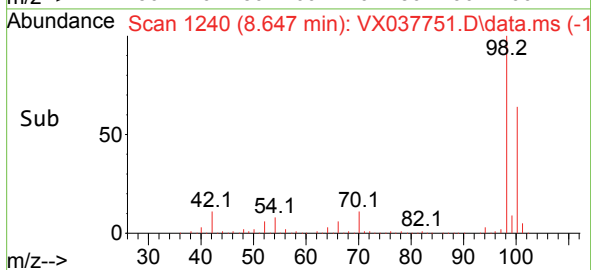
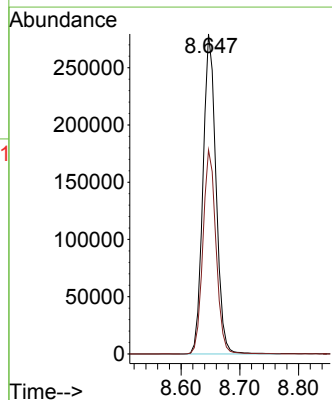
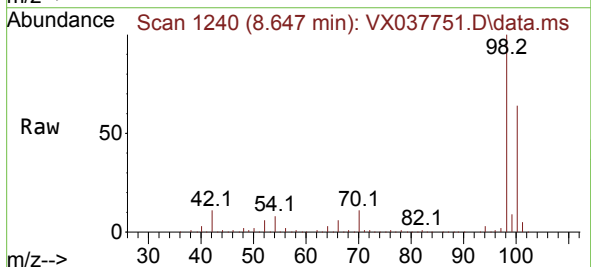
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

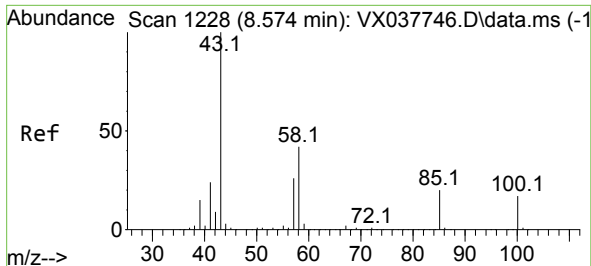
Tgt Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
43 167.9 0.0 0.0#
58 0.0 60.1 90.1#



#50
Toluene-d8
Concen: 48.063 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

Tgt Ion: 98 Resp: 429137
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

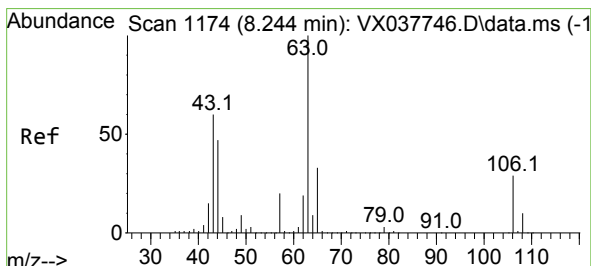
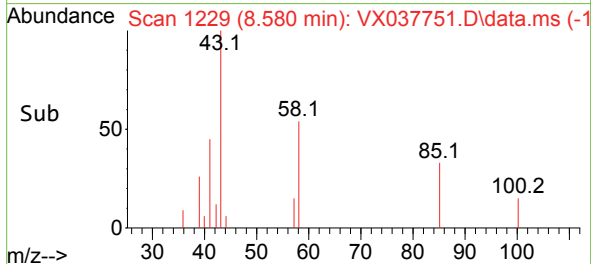
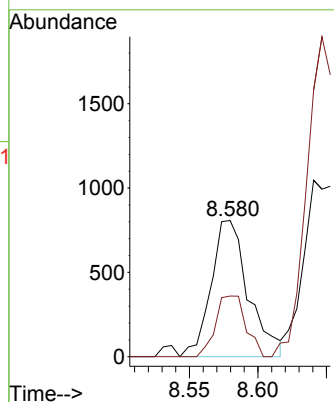
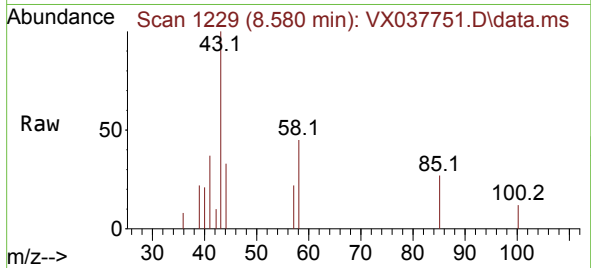




#51
4-Methyl-2-Pentanone
Concen: 0.414 ug/l
RT: 8.580 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

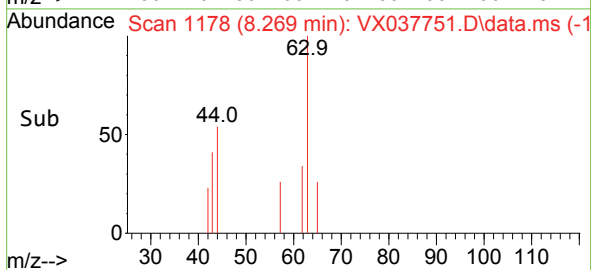
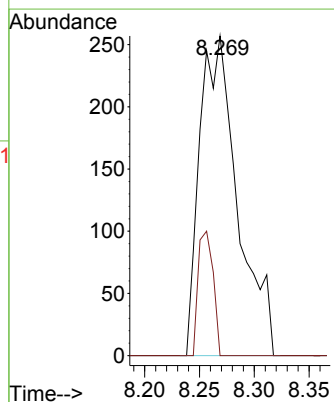
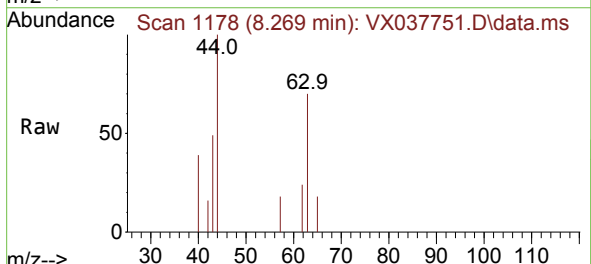
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

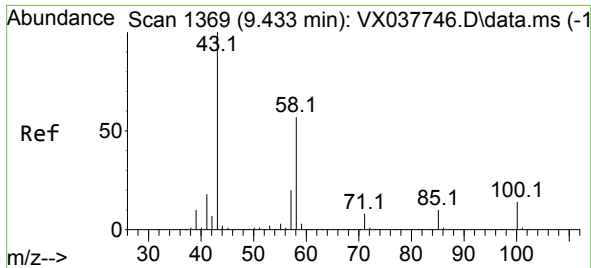
Tgt Ion: 43 Resp: 1530
Ion Ratio Lower Upper
43 100
58 36.1 30.4 45.6



#58
2-Chloroethyl Vinyl ether
Concen: 0.321 ug/l
RT: 8.269 min Scan# 1178
Delta R.T. 0.024 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

Tgt Ion: 63 Resp: 619
Ion Ratio Lower Upper
63 100
106 15.3 22.5 33.7#

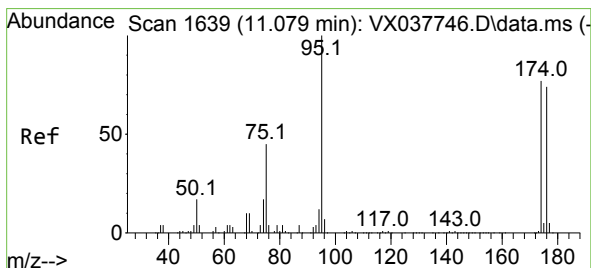
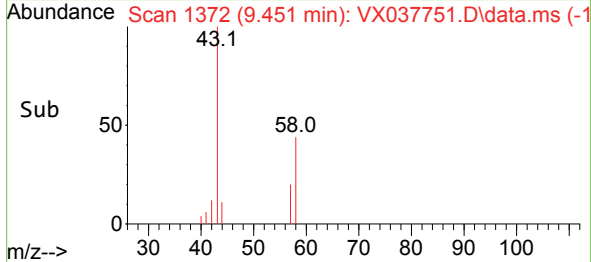
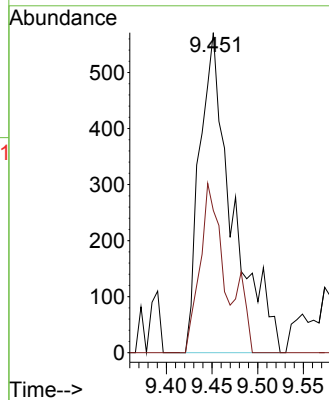
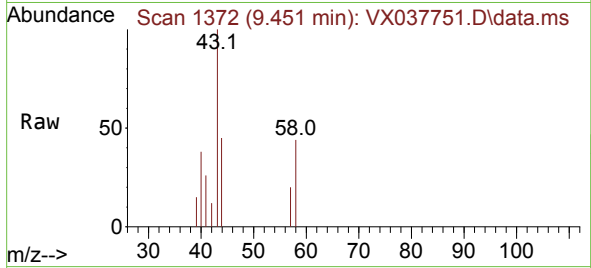




#59
2-Hexanone
Concen: 0.498 ug/l
RT: 9.451 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

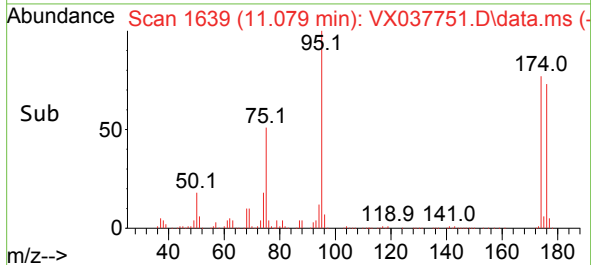
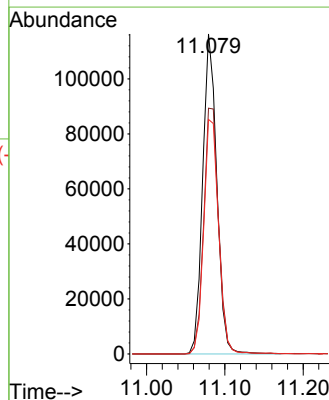
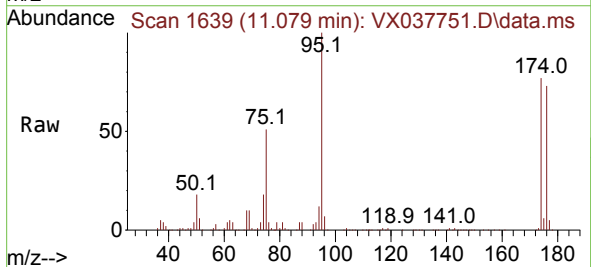
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

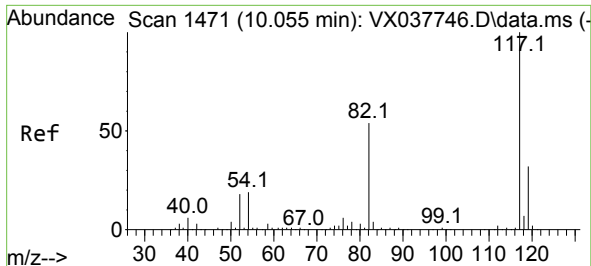
Tgt Ion: 43 Resp: 1431
Ion Ratio Lower Upper
43 100
58 34.1 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 44.760 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

Tgt Ion: 95 Resp: 145226
Ion Ratio Lower Upper
95 100
174 81.8 0.0 135.6
176 77.4 0.0 131.0

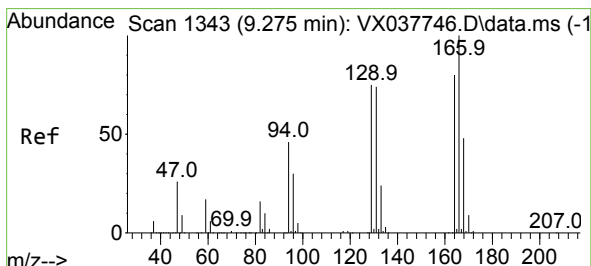
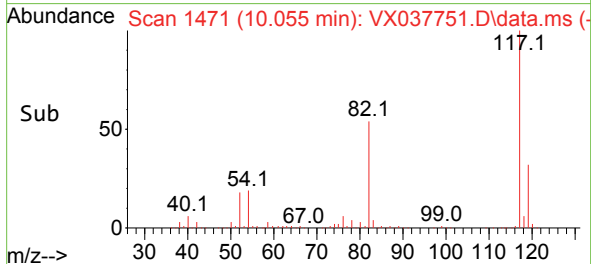
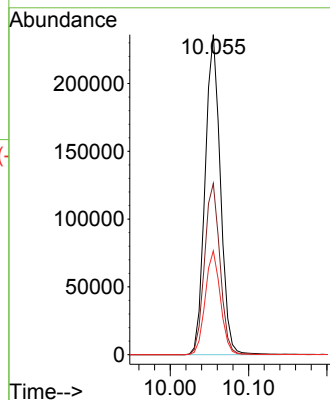
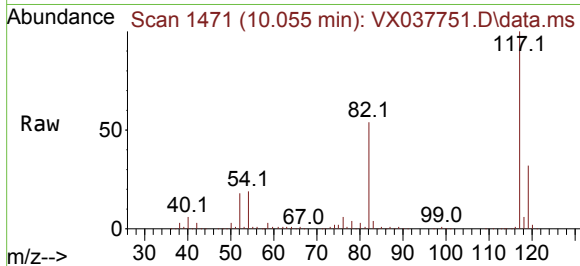




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

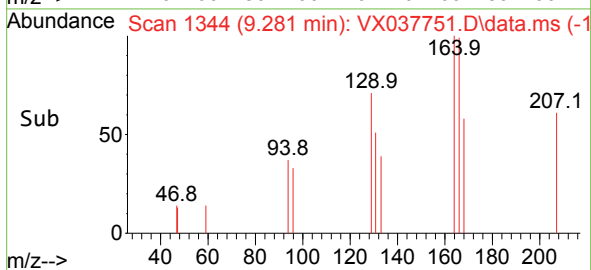
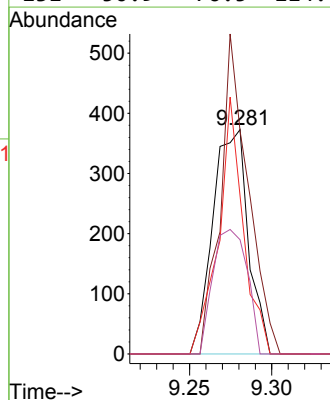
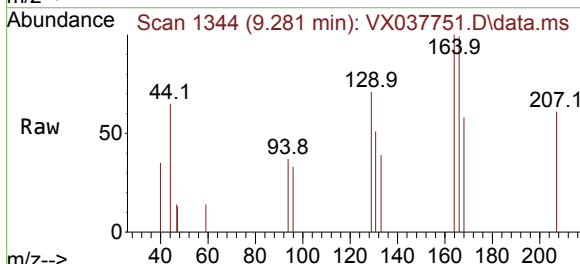
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

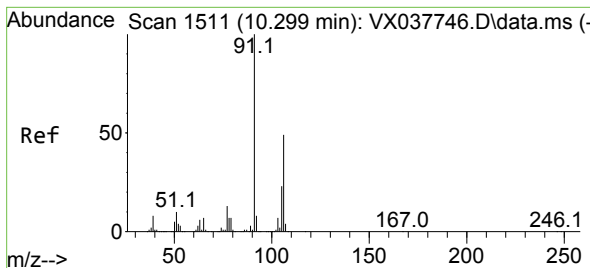
Tgt Ion:117 Resp: 319271
Ion Ratio Lower Upper
117 100
82 53.5 46.2 69.4
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 0.256 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

Tgt Ion:164 Resp: 557
Ion Ratio Lower Upper
164 100
166 99.5 102.7 154.1#
129 70.5 80.4 120.6#
131 50.9 76.5 114.7#





#68

m/p-Xylenes

Concen: 0.282 ug/l

RT: 10.305 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX037751.D

Acq: 15 Sep 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

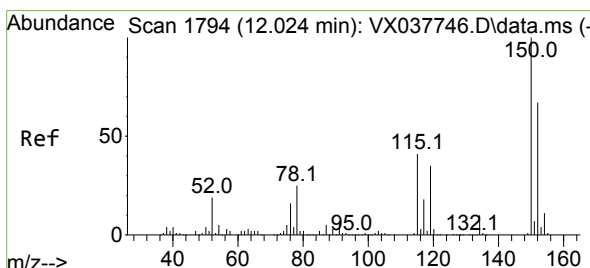
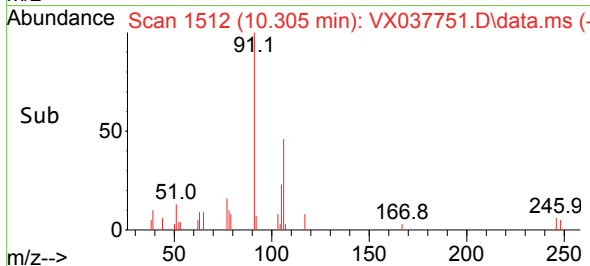
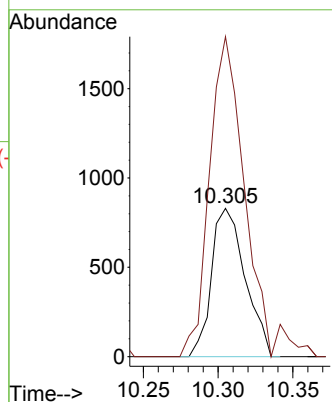
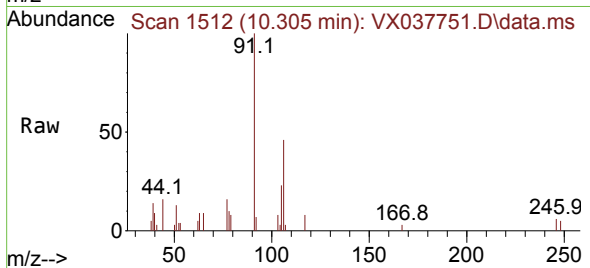
VX0915MBL01

Tgt Ion:106 Resp: 1299

Ion Ratio Lower Upper

106 100

91 230.9 165.5 248.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037751.D

Acq: 15 Sep 2023 13:32

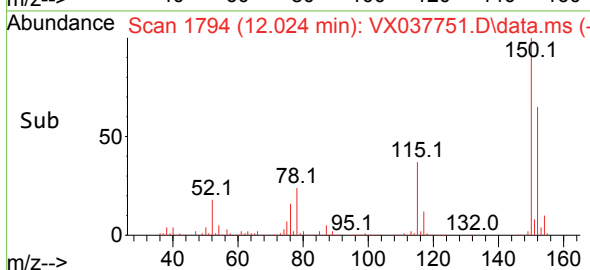
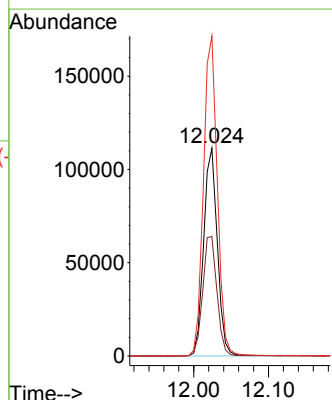
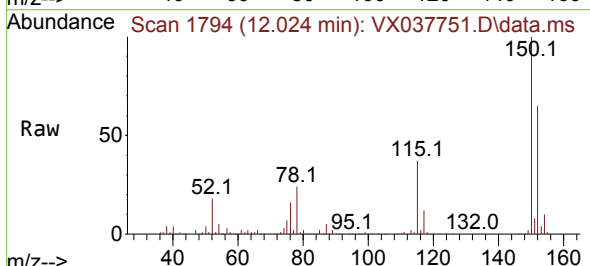
Tgt Ion:152 Resp: 141655

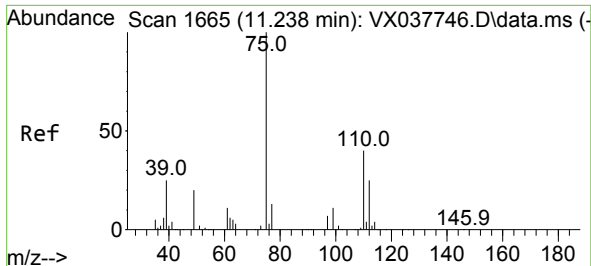
Ion Ratio Lower Upper

152 100

115 60.0 43.3 129.9

150 155.7 0.0 345.0

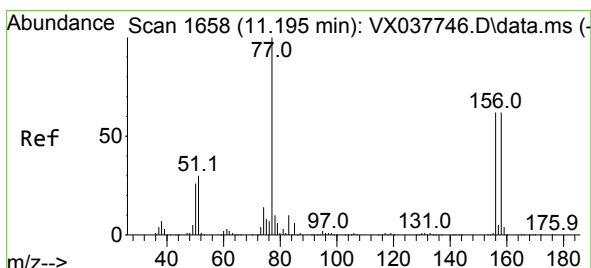
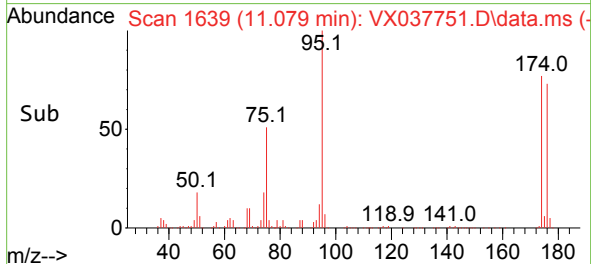
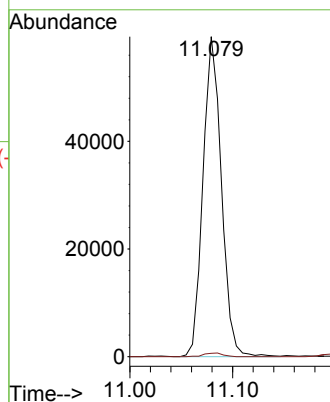
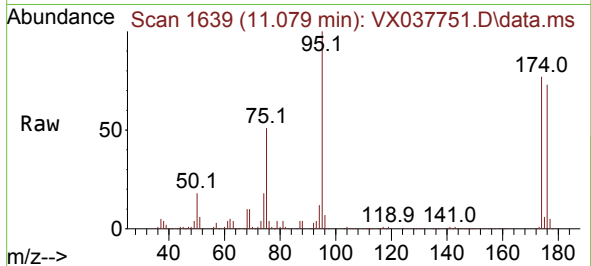




#76
1,2,3-Trichloropropane
Concen: 22.663 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

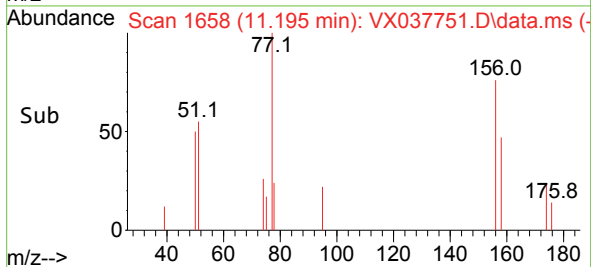
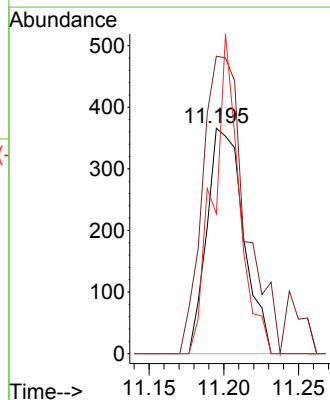
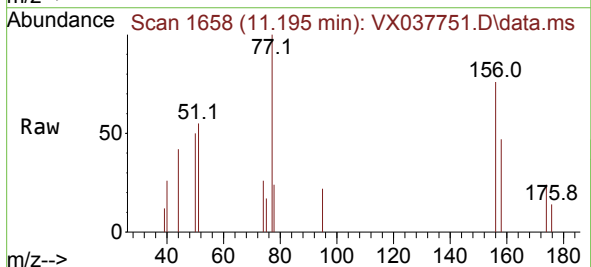
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

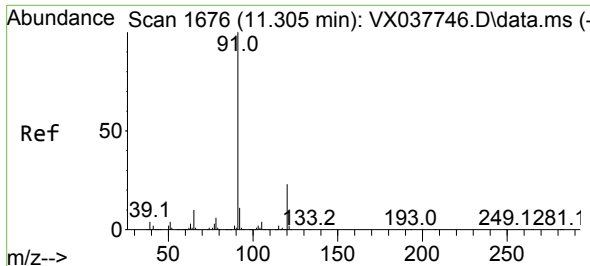
Tgt Ion: 75 Resp: 74250
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#77
Bromobenzene
Concen: 0.241 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

Tgt Ion: 156 Resp: 621
Ion Ratio Lower Upper
156 100
77 154.1 88.4 265.3
158 101.1 48.0 144.0

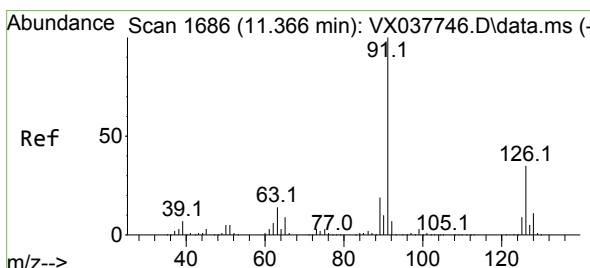
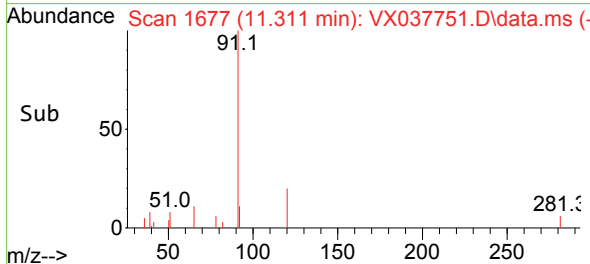
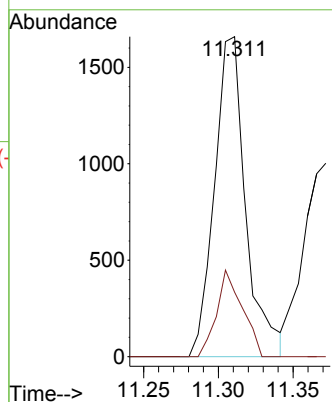
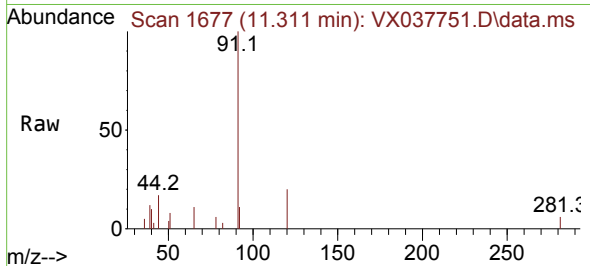




#78
n-propylbenzene
Concen: 0.205 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

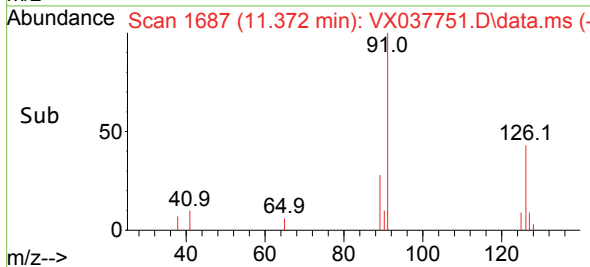
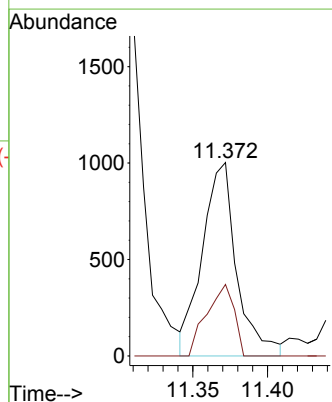
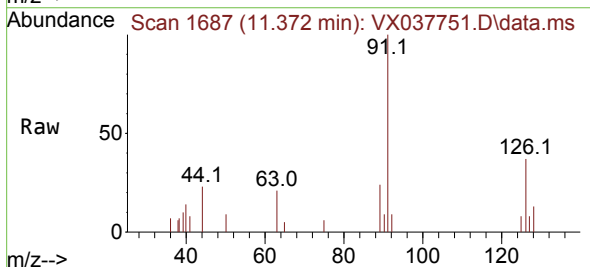
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

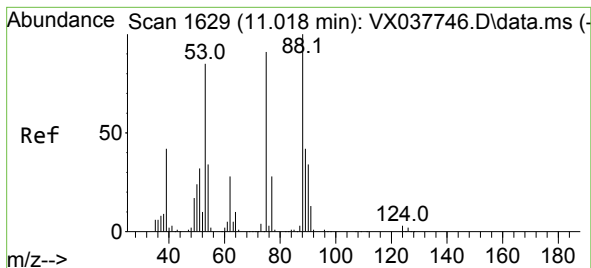
Tgt Ion: 91 Resp: 2405
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.221 ug/l
RT: 11.372 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

Tgt Ion: 91 Resp: 1602
Ion Ratio Lower Upper
91 100
126 29.5 16.3 48.8

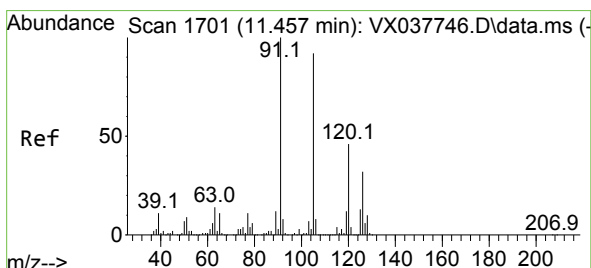
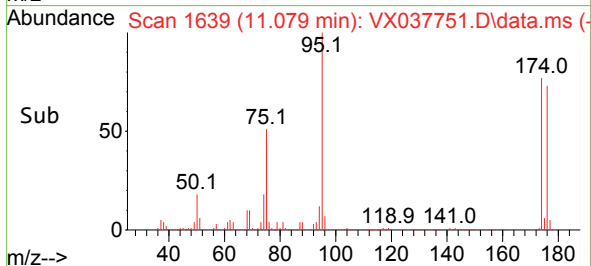
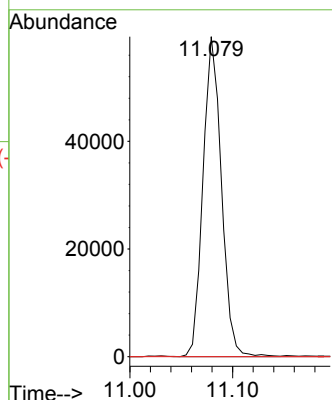
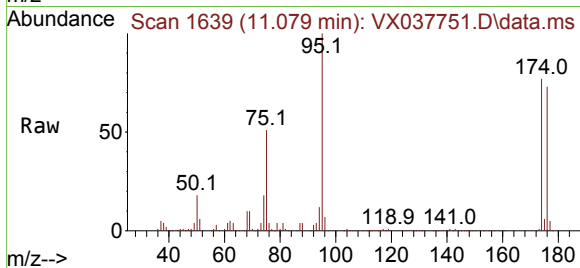




#81
trans-1,4-Dichloro-2-butene
Concen: 72.596 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

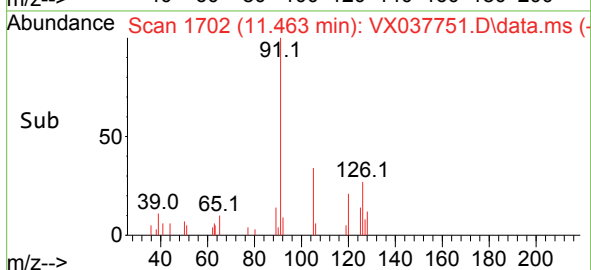
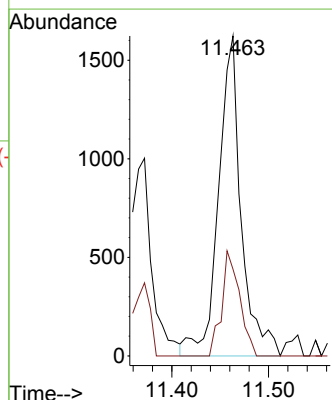
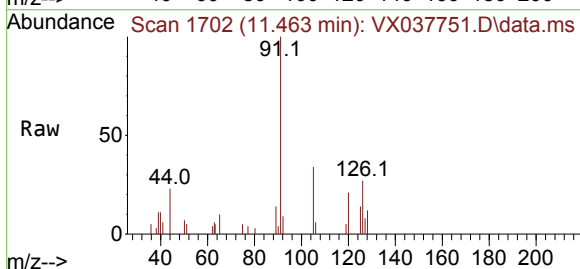
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

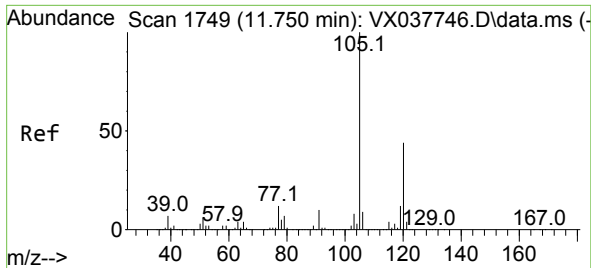
Tgt Ion: 75 Resp: 74250
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.324 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

Tgt Ion: 91 Resp: 2639
Ion Ratio Lower Upper
91 100
126 25.9 14.2 42.6

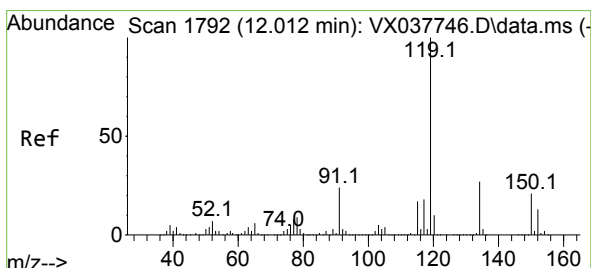
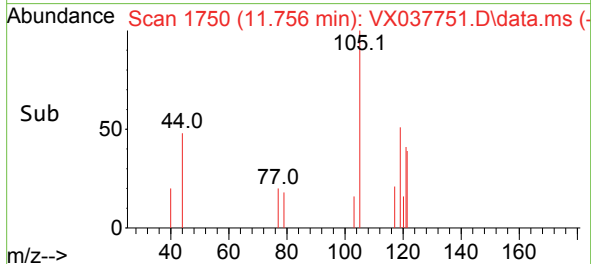
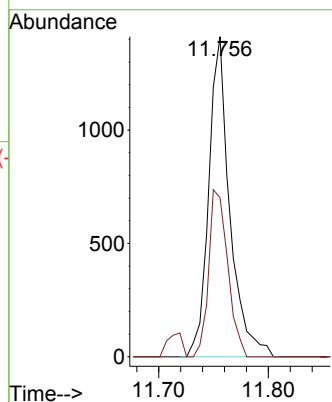
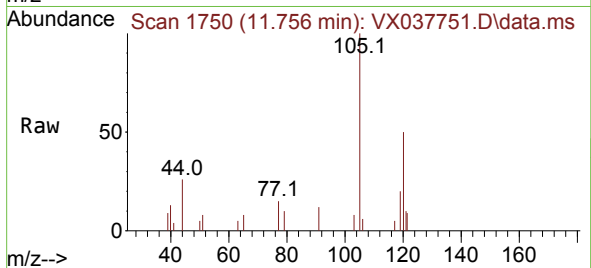




#84
 1,2,4-Trimethylbenzene
 Concen: 0.215 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX037751.D
 Acq: 15 Sep 2023 13:32

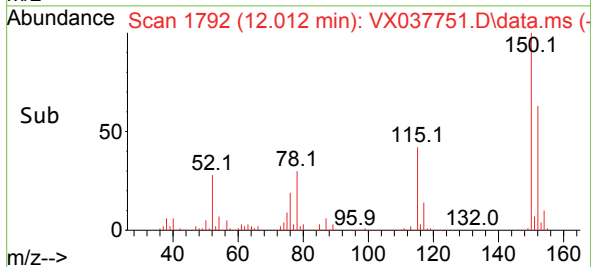
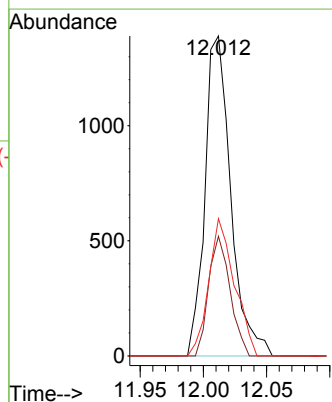
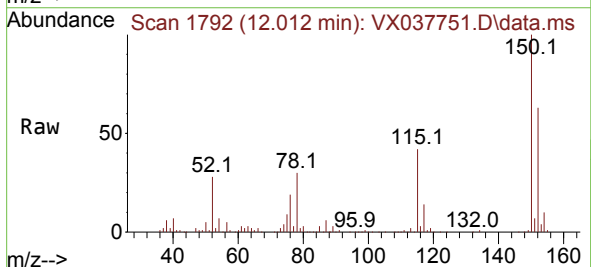
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915MBL01

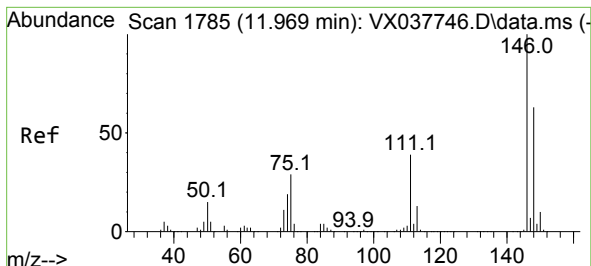
Tgt Ion:105 Resp: 1879
 Ion Ratio Lower Upper
 105 100
 120 47.3 21.2 63.6



#86
 p-Isopropyltoluene
 Concen: 0.221 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037751.D
 Acq: 15 Sep 2023 13:32

Tgt Ion:119 Resp: 1980
 Ion Ratio Lower Upper
 119 100
 134 31.0 12.8 38.3
 91 42.6 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.403 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX037751.D

Acq: 15 Sep 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0915MBL01

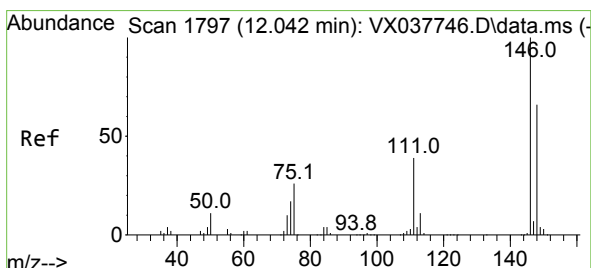
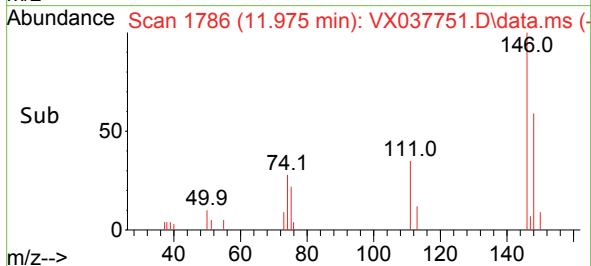
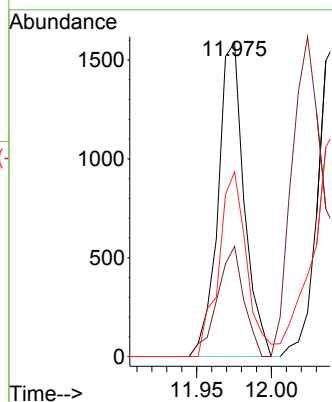
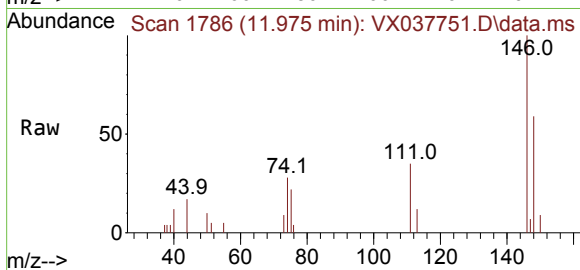
Tgt Ion:146 Resp: 1933

Ion Ratio Lower Upper

146 100

111 35.6 22.1 66.1

148 62.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.394 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX037751.D

Acq: 15 Sep 2023 13:32

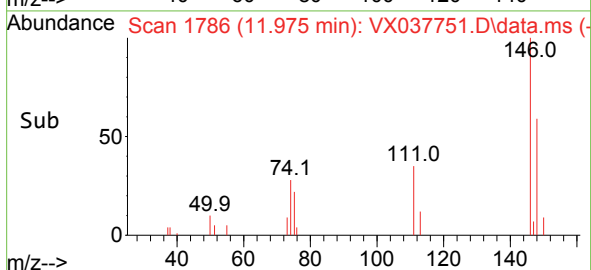
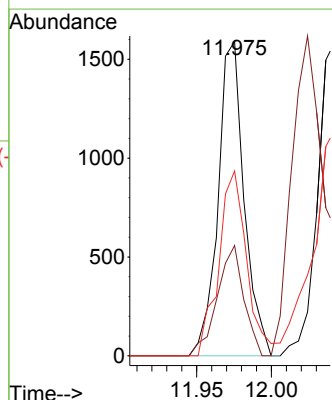
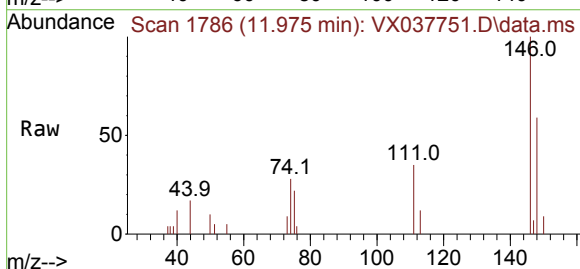
Tgt Ion:146 Resp: 1933

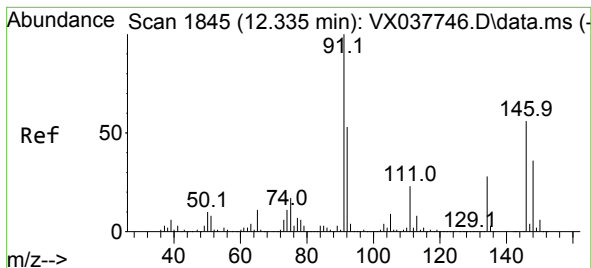
Ion Ratio Lower Upper

146 100

111 35.6 21.3 63.7

148 62.9 31.8 95.4





#89

n-Butylbenzene

Concen: 0.269 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037751.D

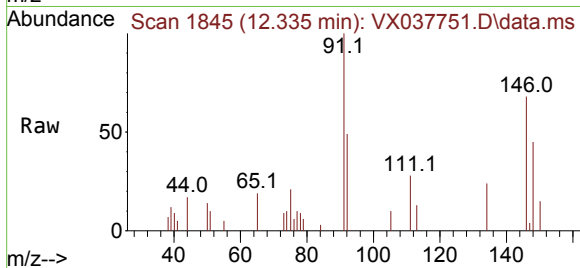
Acq: 15 Sep 2023 13:32

Instrument :

MSVOA_X

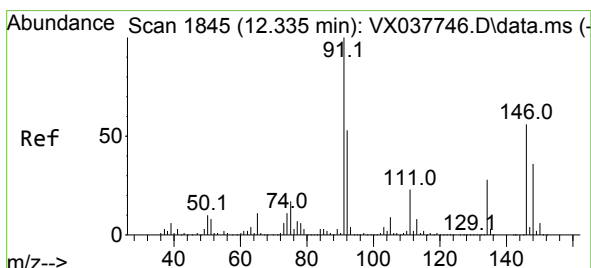
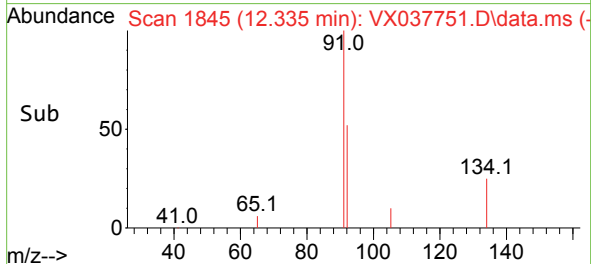
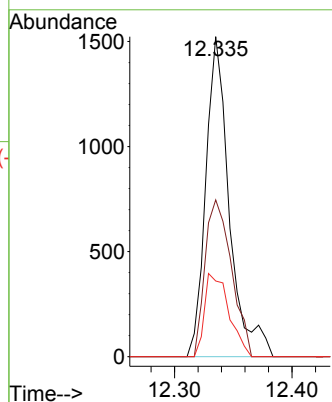
ClientSampleId :

VX0915MBL01



Tgt Ion: 91 Resp: 2116

Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.4	82.0
134	26.8	12.6	37.8



#91

1,2-Dichlorobenzene

Concen: 0.301 ug/l

RT: 12.341 min Scan# 1846

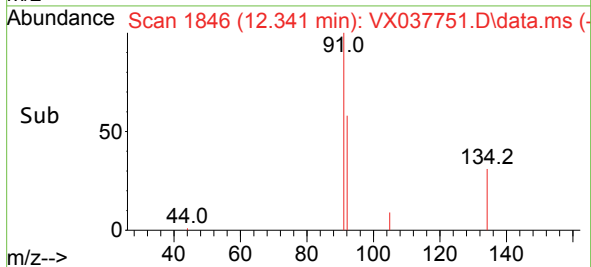
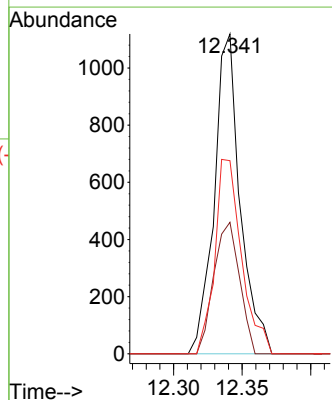
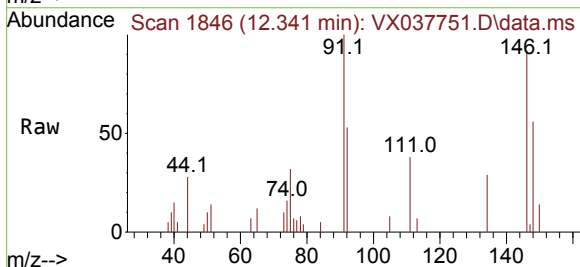
Delta R.T. 0.006 min

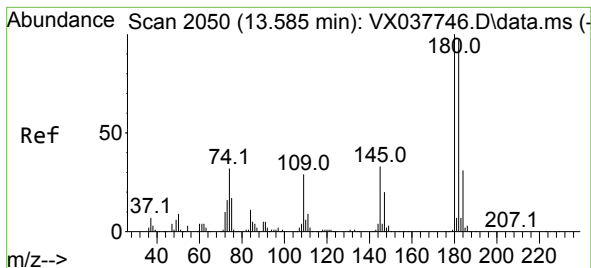
Lab File: VX037751.D

Acq: 15 Sep 2023 13:32

Tgt Ion: 146 Resp: 1474

Ion	Ratio	Lower	Upper
146	100		
111	40.8	22.4	67.0
148	62.8	31.6	95.0





#93

1,2,4-Trichlorobenzene

Concen: 0.794 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX037751.D

Acq: 15 Sep 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0915MBL01

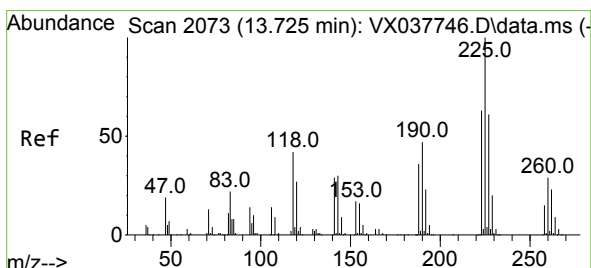
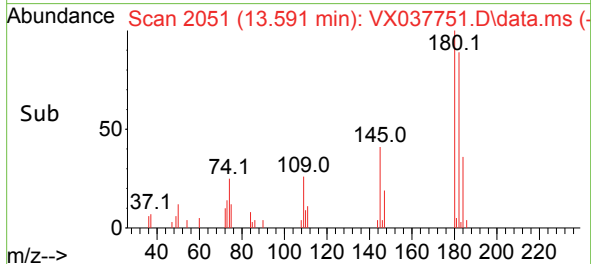
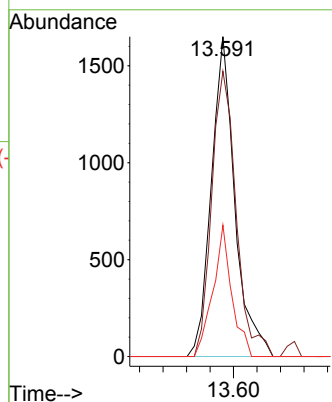
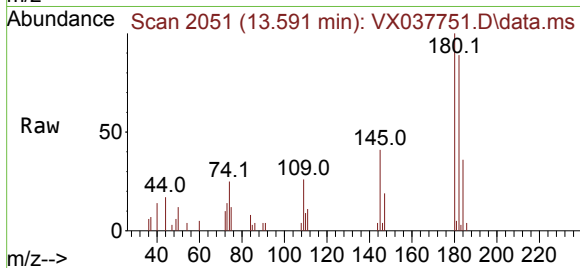
Tgt Ion:180 Resp: 2291

Ion Ratio Lower Upper

180 100

182 92.4 48.3 144.8

145 32.9 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.425 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037751.D

Acq: 15 Sep 2023 13:32

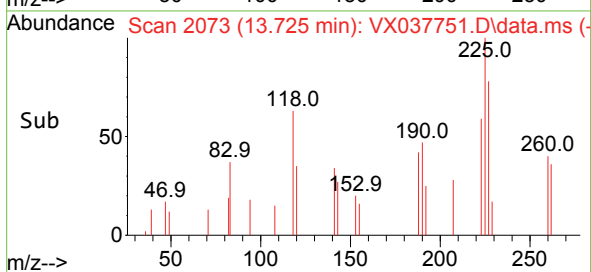
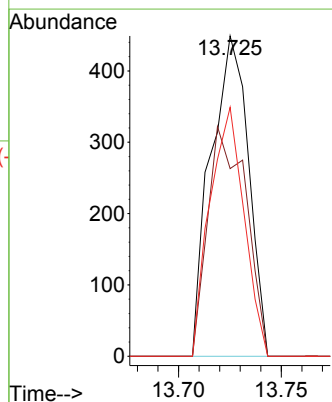
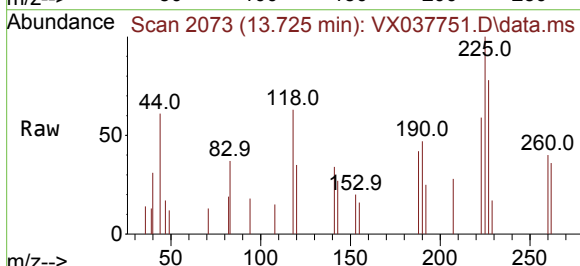
Tgt Ion:225 Resp: 572

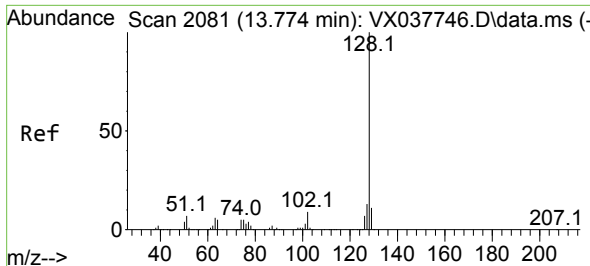
Ion Ratio Lower Upper

225 100

223 72.7 31.1 93.2

227 70.3 32.5 97.5

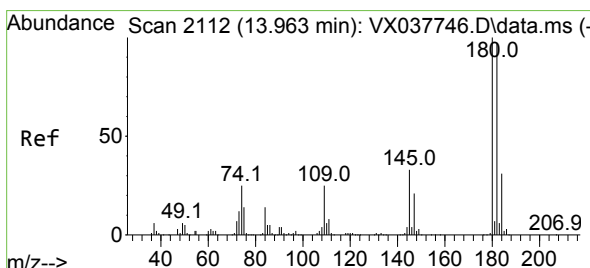
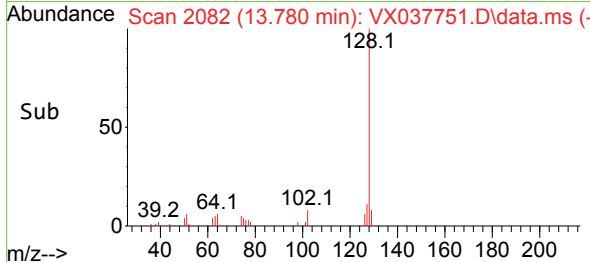
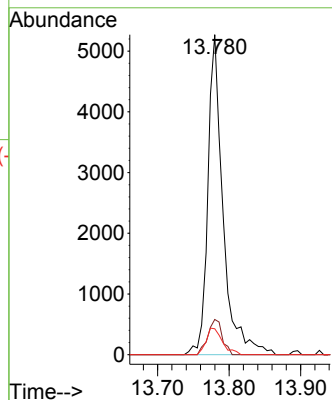
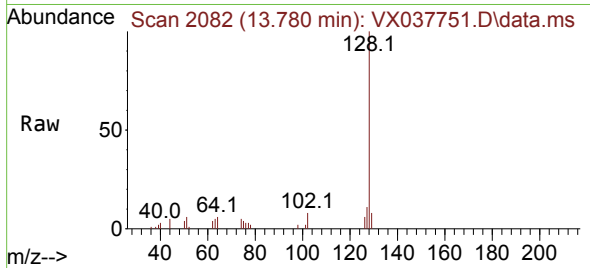




#95
Naphthalene
Concen: 0.799 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

Tgt Ion:128 Resp: 7790
Ion Ratio Lower Upper
128 100
127 10.4 10.3 15.5
129 8.8 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.856 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037751.D
Acq: 15 Sep 2023 13:32

Tgt Ion:180 Resp: 2540
Ion Ratio Lower Upper
180 100
182 83.3 46.9 140.6
145 30.1 17.8 53.5

