

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VOX090523\
 Data File : VX037502.D
 Acq On : 05 Sep 2023 11:00
 Operator : JC/MD
 Sample : VX0905MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 06 02:49:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	125212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	205927	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73118	40.505	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.020%		
35) Dibromofluoromethane	5.385	113	62479	45.812	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.620%		
50) Toluene-d8	8.647	98	241455	48.808	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.620%		
62) 4-Bromofluorobenzene	11.079	95	81186	41.760	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.520%		
Target Compounds						Qvalue
5) Bromomethane	1.599	94	343	0.497	ug/l #	80
11) Tert butyl alcohol	2.941	59	3439	8.121	ug/l #	78
13) Acrolein	2.240	56	424	1.316	ug/l	83
15) Acrylonitrile	3.087	53	648	0.857	ug/l #	90
16) Acetone	2.386	43	1460	2.067	ug/l	96
17) Carbon Disulfide	2.502	76	1249	0.381	ug/l	96
18) Methyl Acetate	2.709	43	882	0.332	ug/l	97
20) Methylene Chloride	2.782	84	580	0.367	ug/l #	82
23) Vinyl Acetate	3.733	43	973	0.310	ug/l #	73
25) 2-Butanone	4.587	43	1334	1.255	ug/l #	51
26) 2,2-Dichloropropane	4.599	77	715	0.312	ug/l #	54
29) Tetrahydrofuran	5.019	42	218	0.321	ug/l #	22
31) Cyclohexane	5.544	56	2410	1.187	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9606	4.958	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12837	6.099	ug/l #	15
41) Methacrylonitrile	5.050	41	307	0.298	ug/l #	25
44) Trichloroethene	7.129	130	1082	0.687	ug/l	73
49) 1,4-Dioxane	7.684	88	35	0.848	ug/l #	12
51) 4-Methyl-2-Pentanone	8.580	43	1102	0.578	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.257	63	351	0.312	ug/l #	59
59) 2-Hexanone	9.446	43	756	0.520	ug/l	91
68) m/p-Xylenes	10.305	106	699	0.274	ug/l	81
76) 1,2,3-Trichloropropane	11.079	75	39425	25.034	ug/l #	39
77) Bromobenzene	11.207	156	304	0.232	ug/l	93
78) n-propylbenzene	11.305	91	1656	0.277	ug/l	89
79) 2-Chlorotoluene	11.366	91	986	0.258	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	1306	0.291	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	39425	69.921	ug/l #	5
82) 4-Chlorotoluene	11.463	91	1325	0.300	ug/l	99
83) tert-Butylbenzene	11.713	119	1397	0.327	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	1341	0.296	ug/l	85
85) sec-Butylbenzene	11.890	105	1763	0.353	ug/l	99
86) p-Isopropyltoluene	12.006	119	1577	0.367	ug/l	85
87) 1,3-Dichlorobenzene	11.969	146	937	0.381	ug/l	94
88) 1,4-Dichlorobenzene	11.969	146	937	0.369	ug/l	93
89) n-Butylbenzene	12.335	91	1389	0.390	ug/l	94

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 06 02:49:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

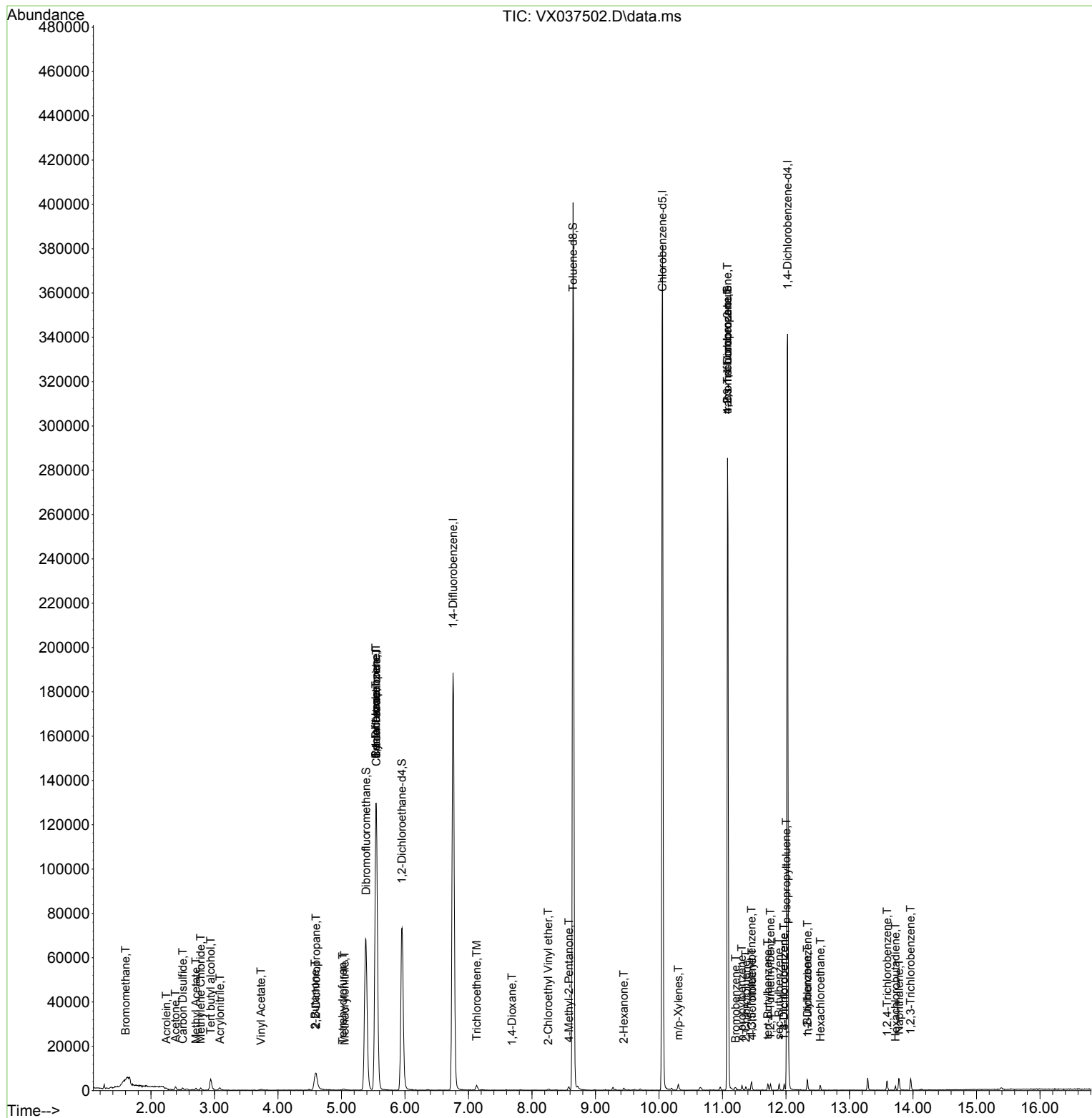
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.543	117	240	0.334	ug/l	76
91) 1,2-Dichlorobenzene	12.341	146	855	0.355	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	1236	0.878	ug/l	92
94) Hexachlorobutadiene	13.725	225	293	0.539	ug/l	95
95) Naphthalene	13.780	128	4437	0.719	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.963	180	1625	1.162	ug/l	93

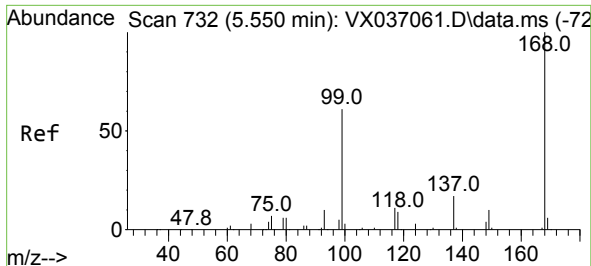
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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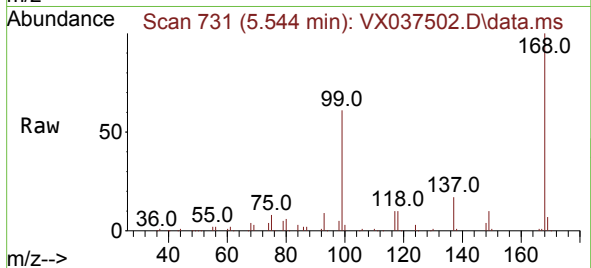
Quant Time: Sep 06 02:49:38 2023
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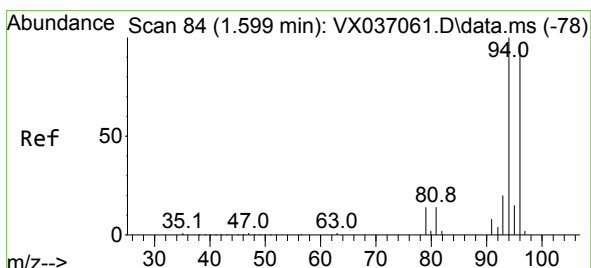
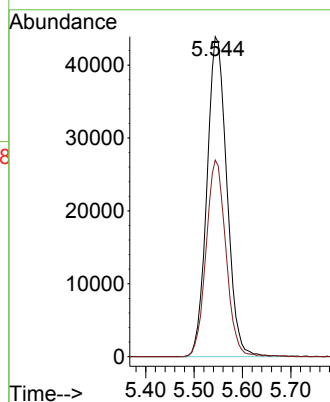
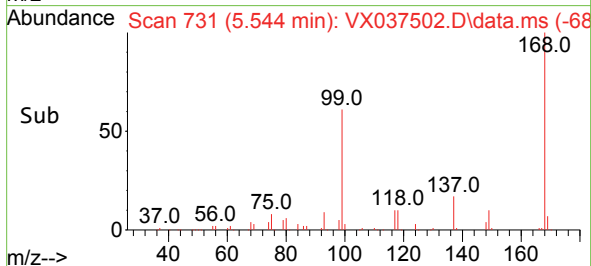


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

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MSVOA_X
ClientSampleId :

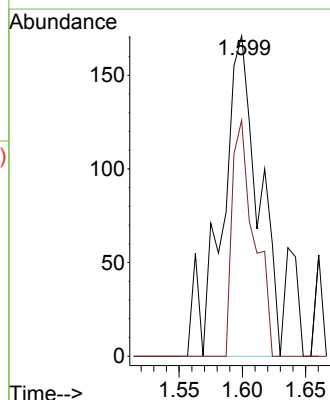
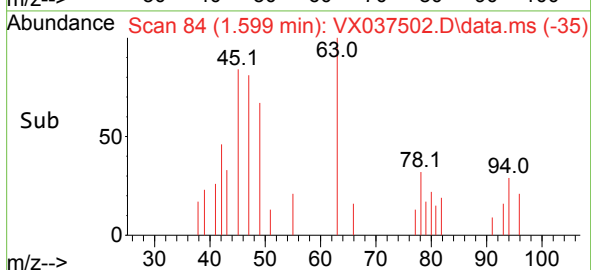
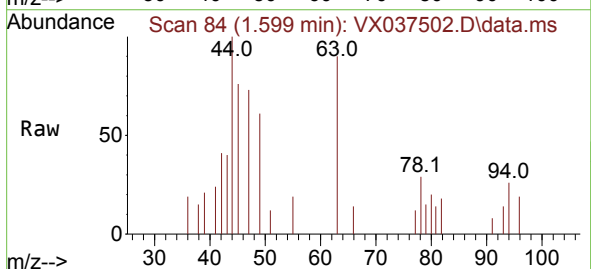


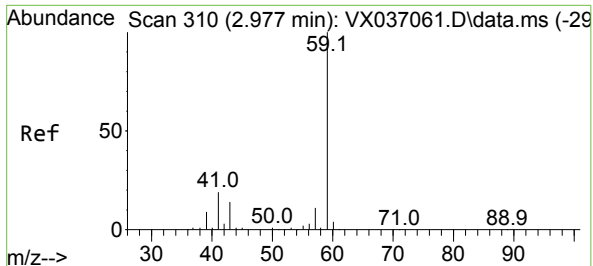
Tgt Ion:168 Resp: 125212
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0



#5
Bromomethane
Concen: 0.497 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

Tgt Ion: 94 Resp: 343
Ion Ratio Lower Upper
94 100
96 73.7 74.6 111.8#





#11

Tert butyl alcohol

Concen: 8.121 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.036 min

Lab File: VX037502.D

Acq: 05 Sep 2023 11:00

Instrument :

MSVOA_X

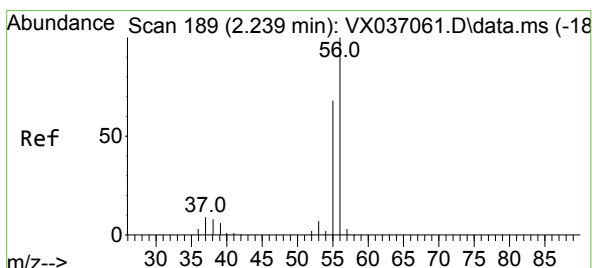
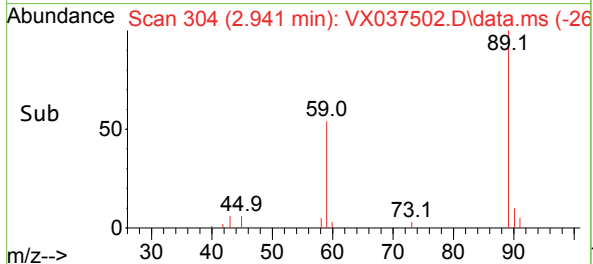
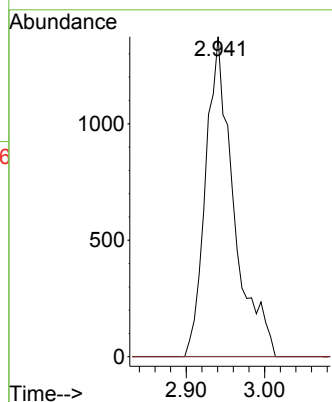
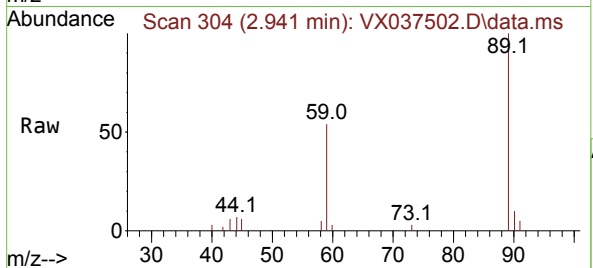
ClientSampleId :

Tgt Ion: 59 Resp: 3439

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 1.316 ug/l

RT: 2.240 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX037502.D

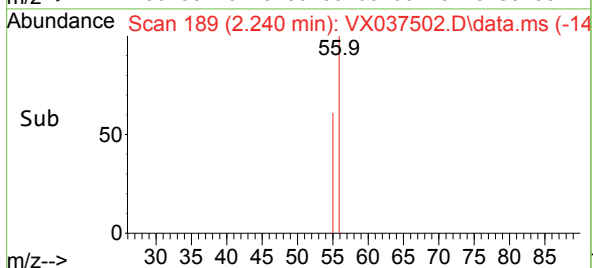
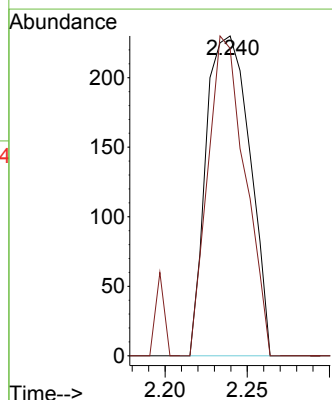
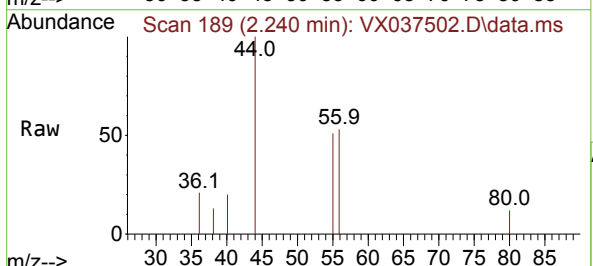
Acq: 05 Sep 2023 11:00

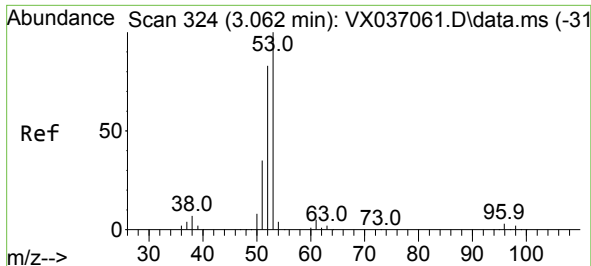
Tgt Ion: 56 Resp: 424

Ion Ratio Lower Upper

56 100

55 85.6 57.1 85.7





#15

Acrylonitrile

Concen: 0.857 ug/l

RT: 3.087 min Scan# 31

Delta R.T. 0.025 min

Lab File: VX037502.D

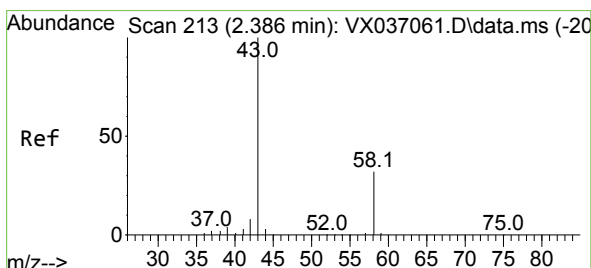
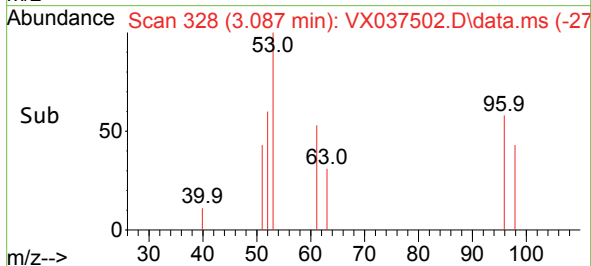
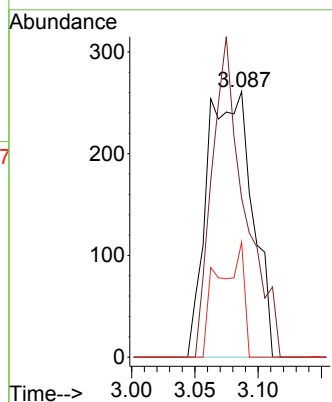
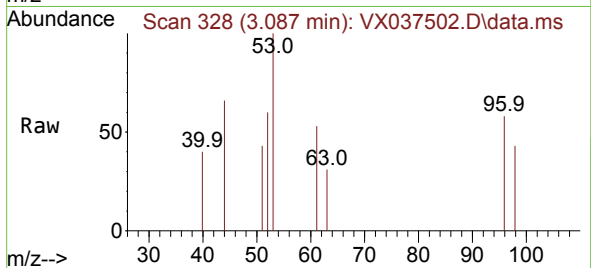
Acq: 05 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 53	Resp: 648
Ion Ratio	Lower Upper
53 100	
52 87.3	66.0 99.0
51 24.5	29.8 44.6



#16

Acetone

Concen: 2.067 ug/l

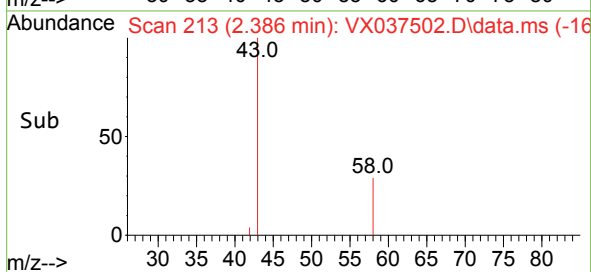
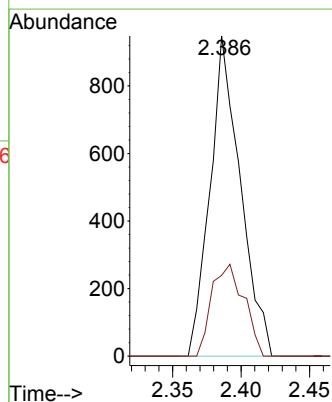
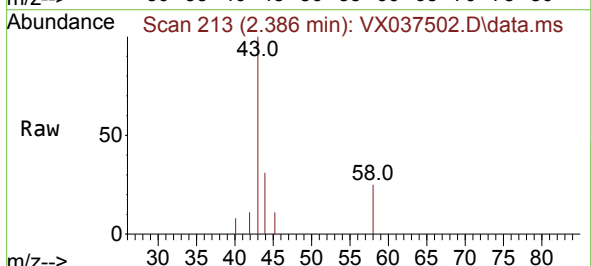
RT: 2.386 min Scan# 213

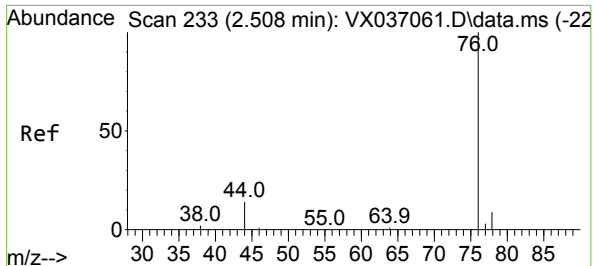
Delta R.T. 0.000 min

Lab File: VX037502.D

Acq: 05 Sep 2023 11:00

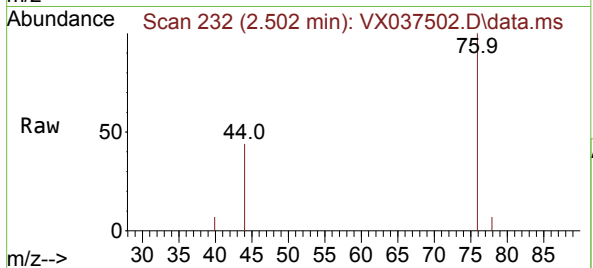
Tgt Ion: 43	Resp: 1460
Ion Ratio	Lower Upper
43 100	
58 25.2	21.9 32.9



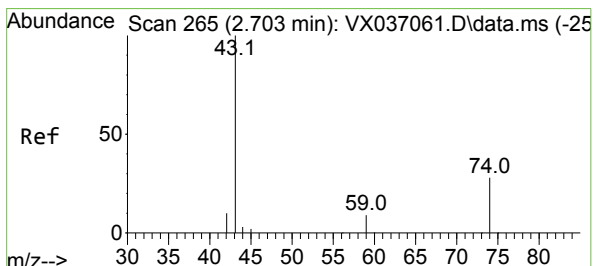
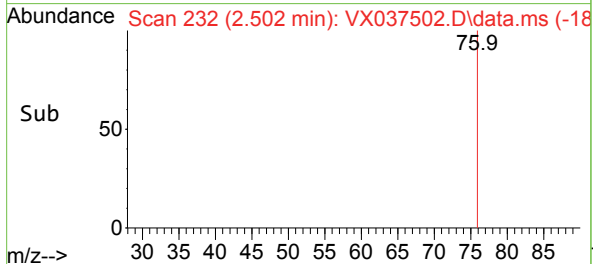
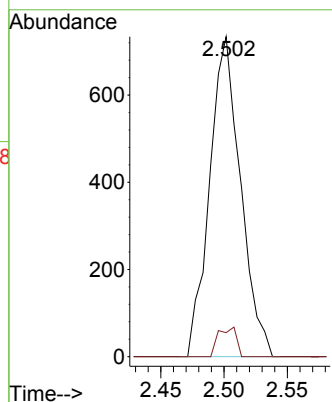


#17
Carbon Disulfide
Concen: 0.381 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :

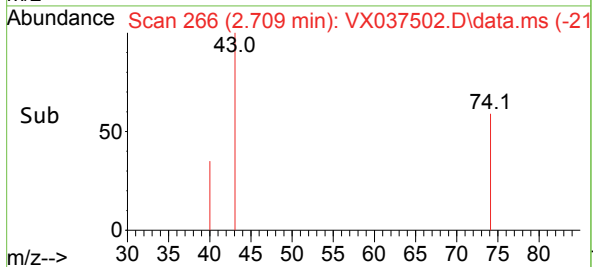
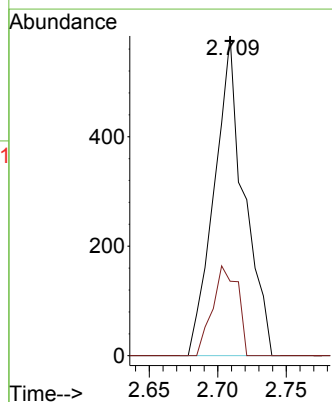
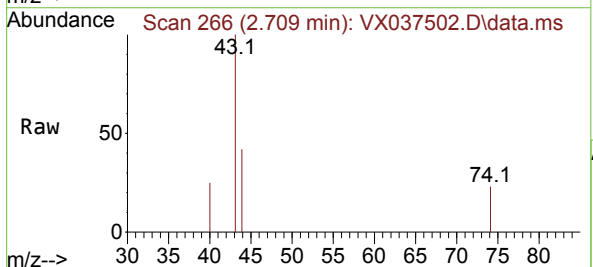


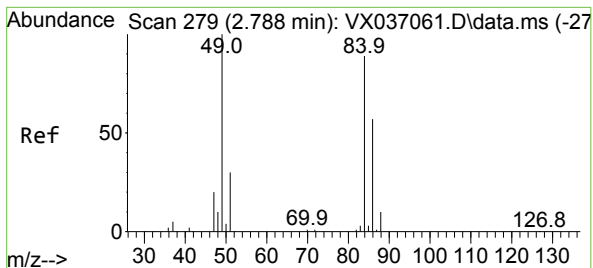
Tgt Ion: 76 Resp: 1249
Ion Ratio Lower Upper
76 100
78 7.5 7.0 10.6



#18
Methyl Acetate
Concen: 0.332 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

Tgt Ion: 43 Resp: 882
Ion Ratio Lower Upper
43 100
74 23.8 17.8 26.8





#20

Methylene Chloride

Concen: 0.367 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

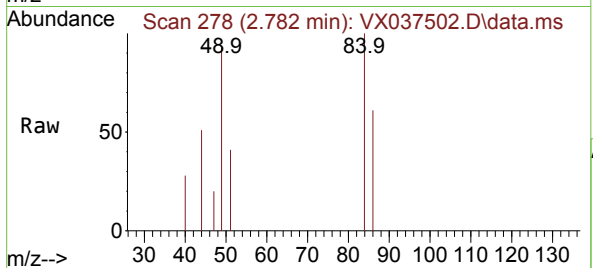
Lab File: VX037502.D

Acq: 05 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 580

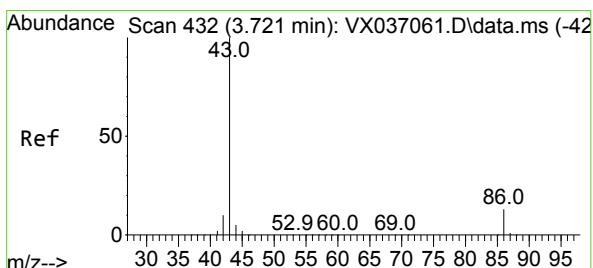
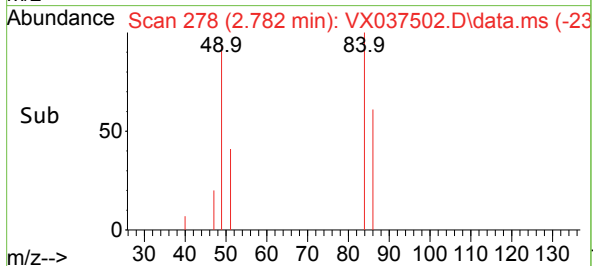
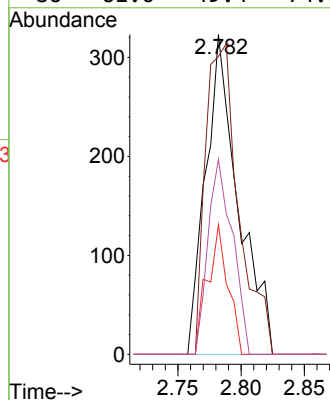
Ion Ratio Lower Upper

84 100

49 93.2 103.6 155.4#

51 40.6 33.8 50.6

86 61.0 49.4 74.0



#23

Vinyl Acetate

Concen: 0.310 ug/l

RT: 3.733 min Scan# 434

Delta R.T. 0.012 min

Lab File: VX037502.D

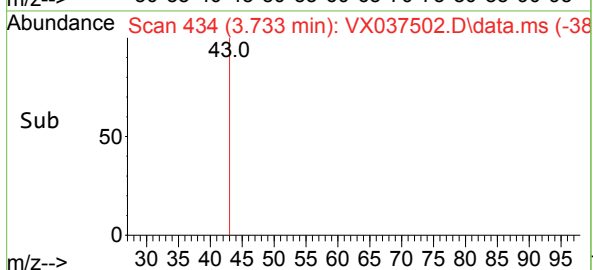
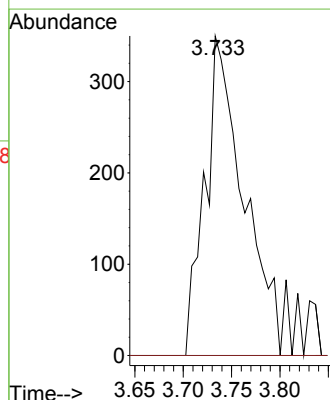
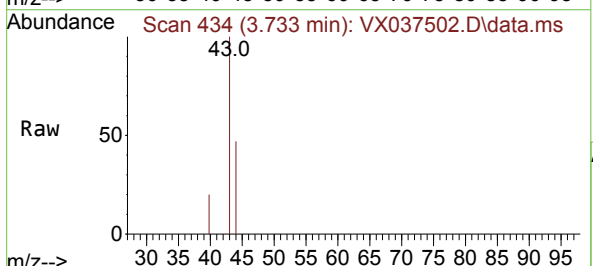
Acq: 05 Sep 2023 11:00

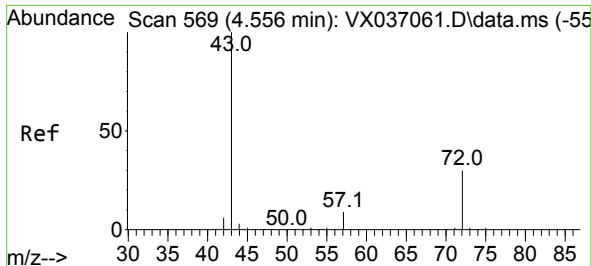
Tgt Ion: 43 Resp: 973

Ion Ratio Lower Upper

43 100

86 0.0 7.8 11.8#

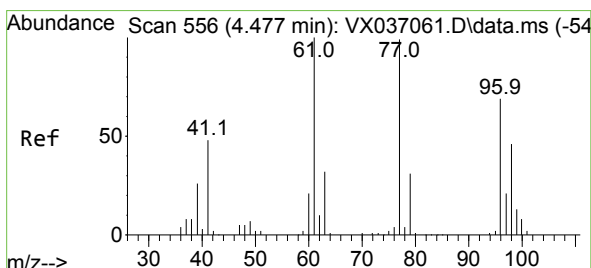
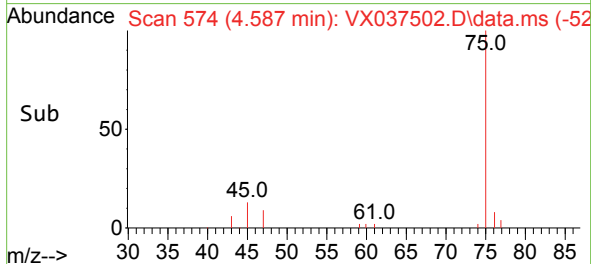
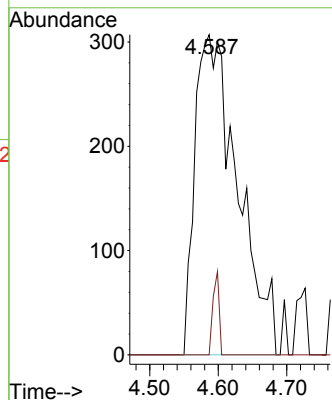
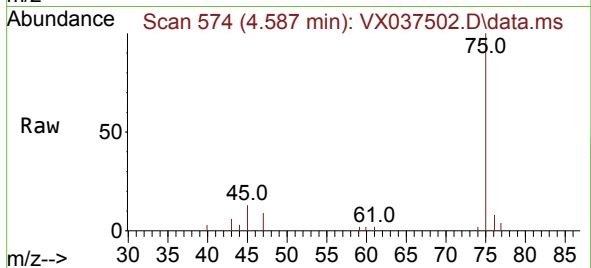




#25
2-Butanone
Concen: 1.255 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

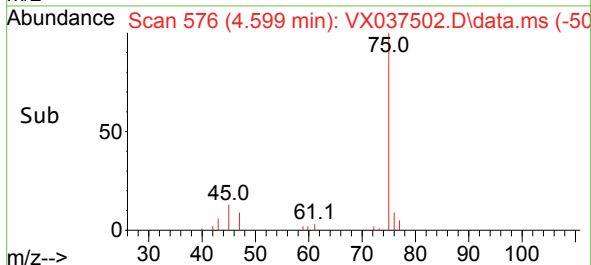
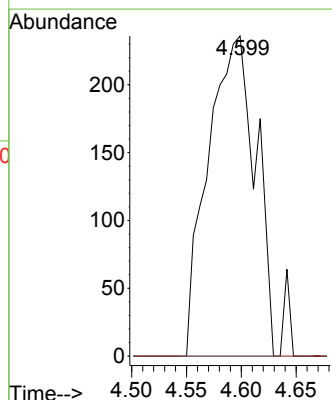
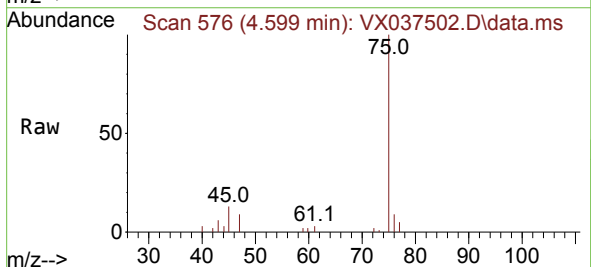
Instrument :
MSVOA_X
ClientSampleId :

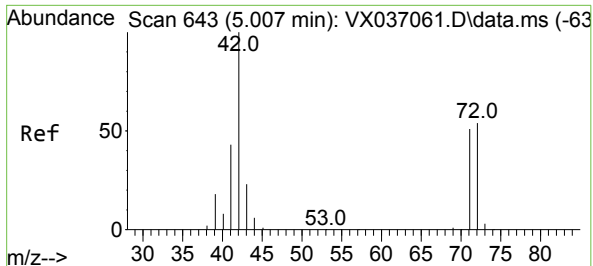
Tgt Ion: 43 Resp: 1334
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.312 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.122 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

Tgt Ion: 77 Resp: 715
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#





#29

Tetrahydrofuran

Concen: 0.321 ug/l

RT: 5.019 min Scan# 643

Delta R.T. 0.012 min

Lab File: VX037502.D

Acq: 05 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

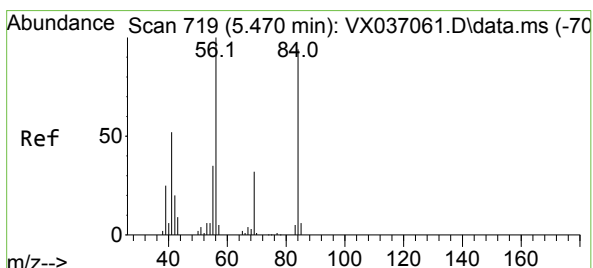
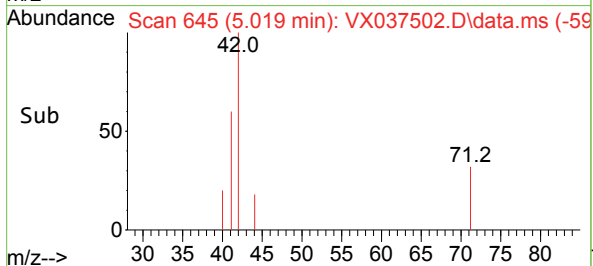
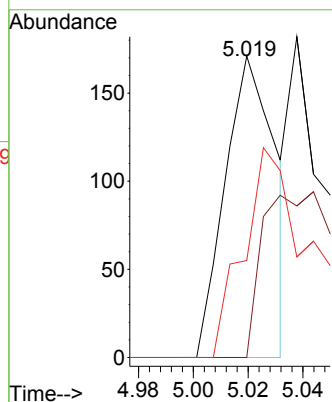
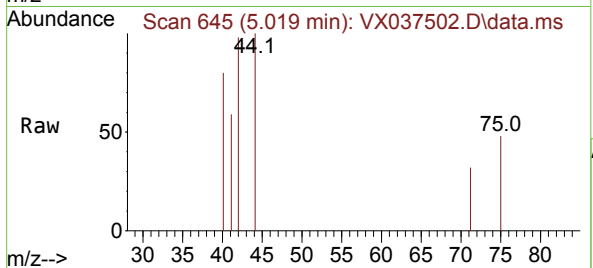
Tgt Ion: 42 Resp: 218

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 95.4 32.2 48.2#



#31

Cyclohexane

Concen: 1.187 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX037502.D

Acq: 05 Sep 2023 11:00

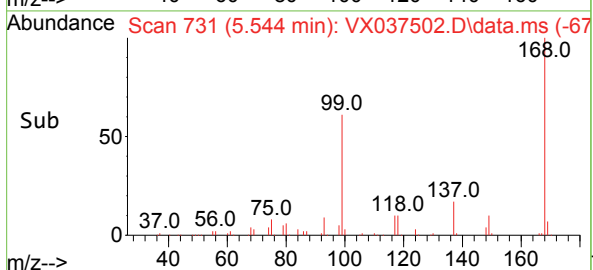
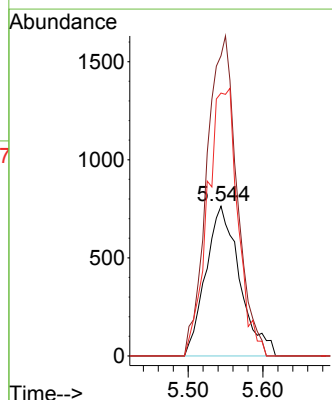
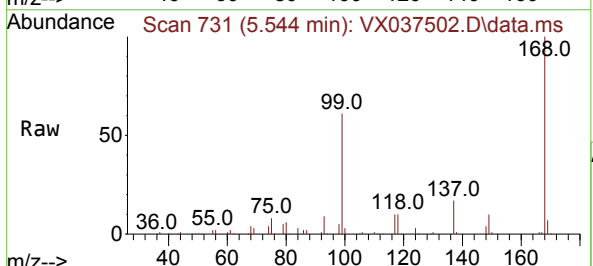
Tgt Ion: 56 Resp: 2410

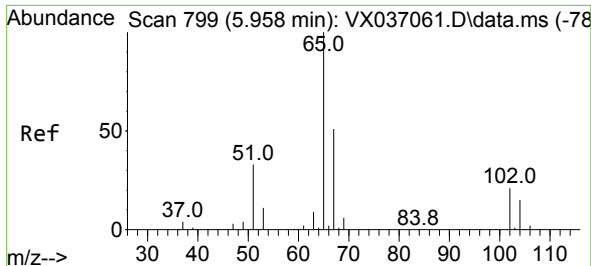
Ion Ratio Lower Upper

56 100

69 200.5 23.4 35.2#

84 175.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 40.505 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037502.D

Acq: 05 Sep 2023 11:00

Instrument :

MSVOA_X

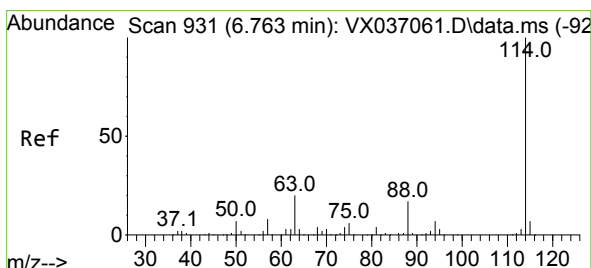
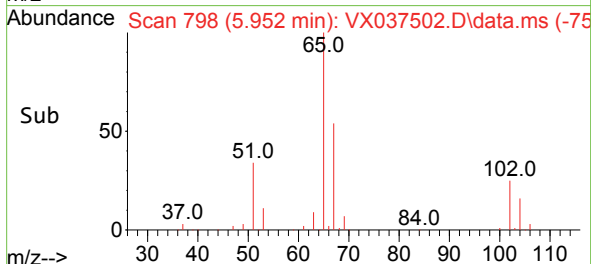
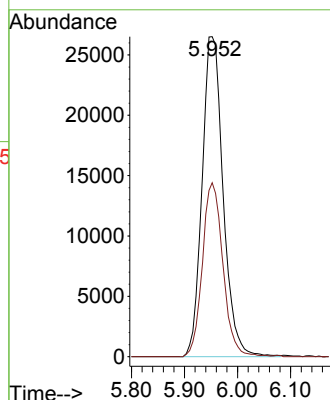
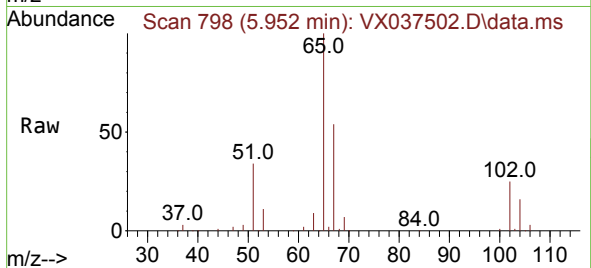
ClientSampleId :

Tgt Ion: 65 Resp: 73118

Ion Ratio Lower Upper

65 100

67 53.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037502.D

Acq: 05 Sep 2023 11:00

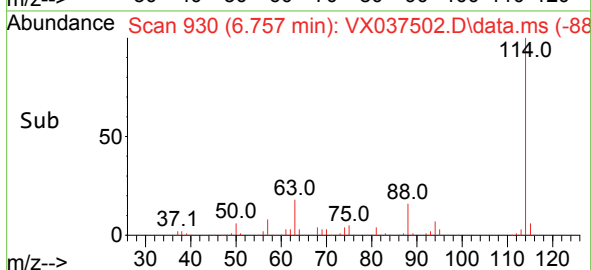
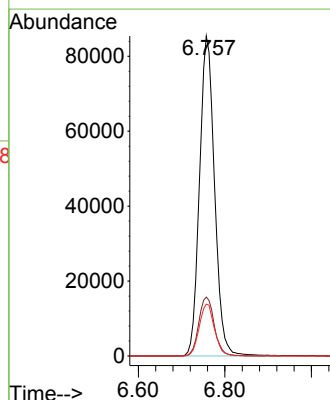
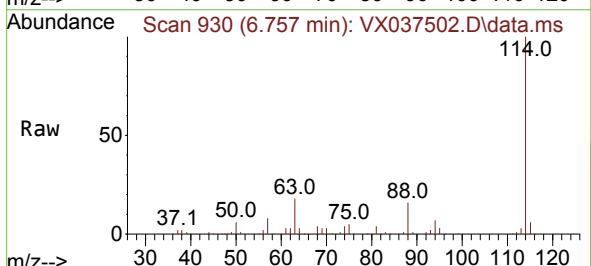
Tgt Ion: 114 Resp: 205927

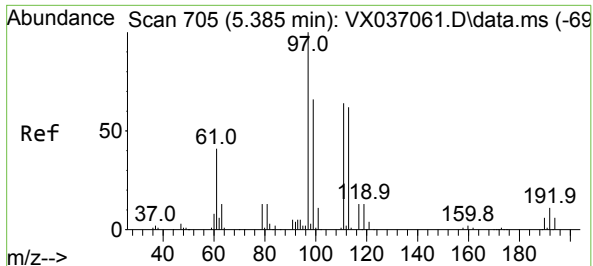
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

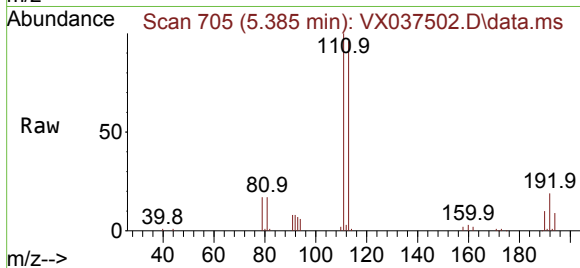
88 16.2 0.0 36.6



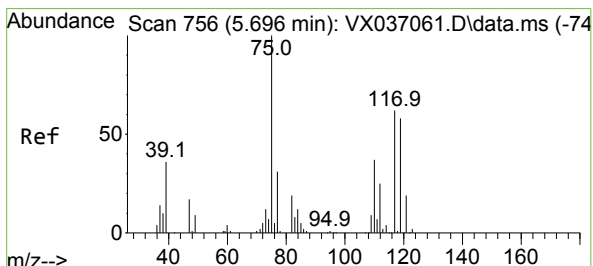
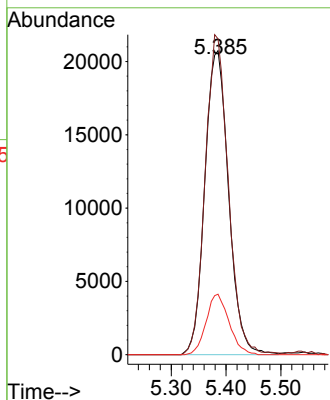
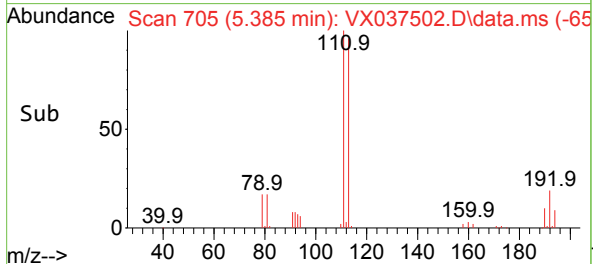


#35
Dibromofluoromethane
Concen: 45.812 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

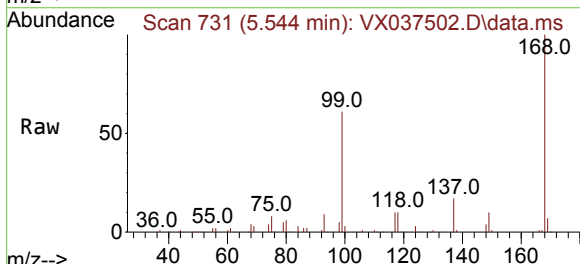
Instrument :
MSVOA_X
ClientSampleId :



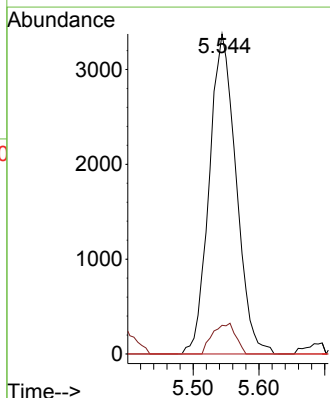
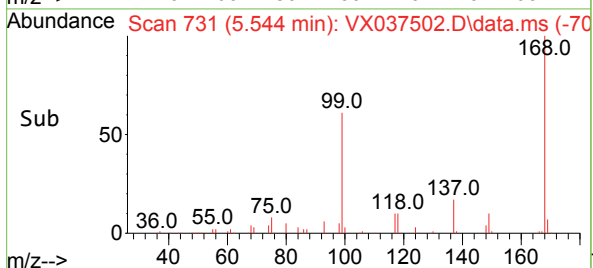
Tgt Ion:113 Resp: 62479
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 19.2 13.3 19.9

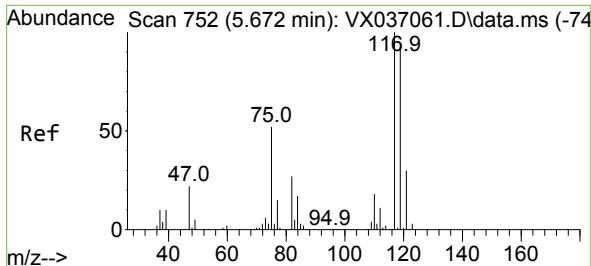


#36
1,1-Dichloropropene
Concen: 4.958 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00



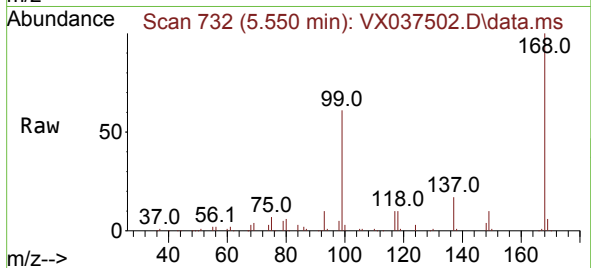
Tgt Ion: 75 Resp: 9606
Ion Ratio Lower Upper
75 100
110 8.2 17.0 50.9#
77 0.0 24.7 37.1#



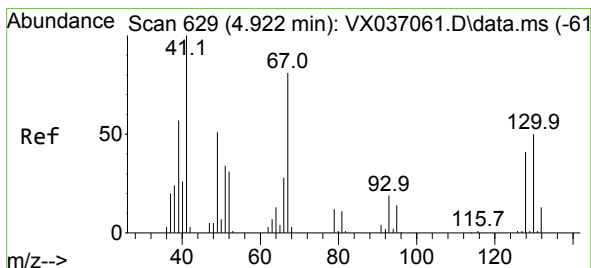
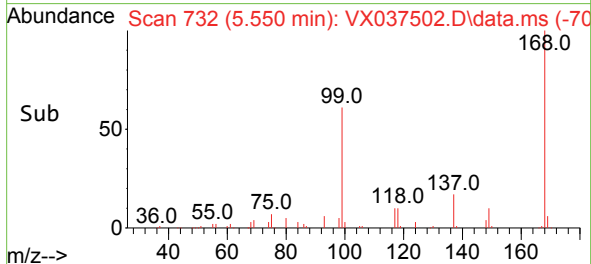
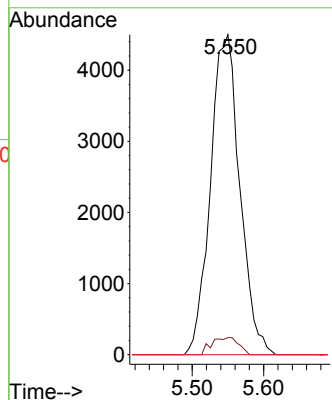


#38
Carbon Tetrachloride
Concen: 6.099 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :

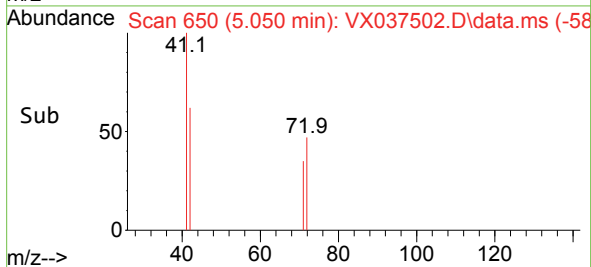
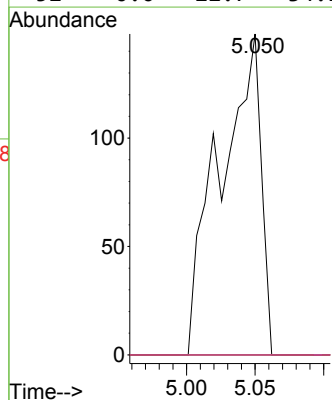
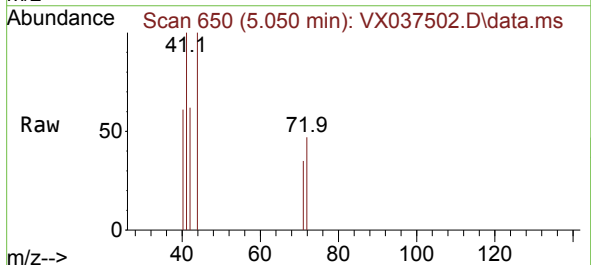


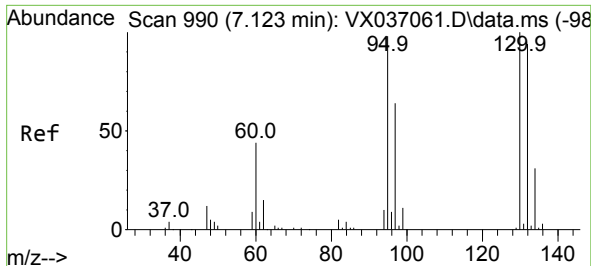
Tgt Ion:117 Resp: 12837
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.298 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.128 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

Tgt Ion: 41 Resp: 307
Ion Ratio Lower Upper
41 100
39 0.0 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

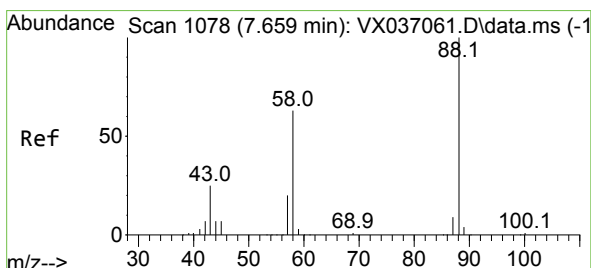
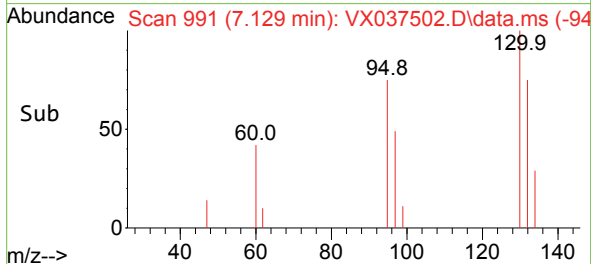
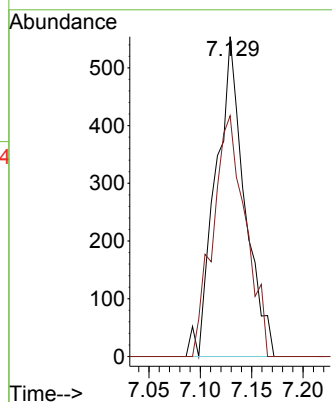
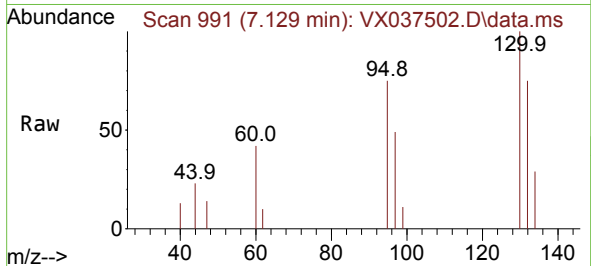




#44
Trichloroethene
Concen: 0.687 ug/l
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

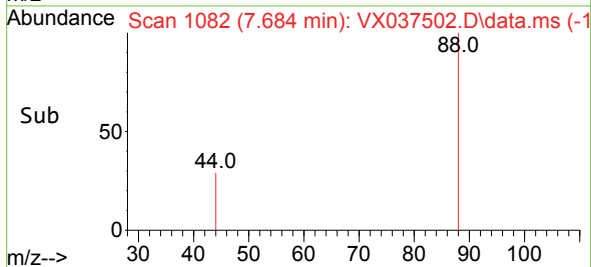
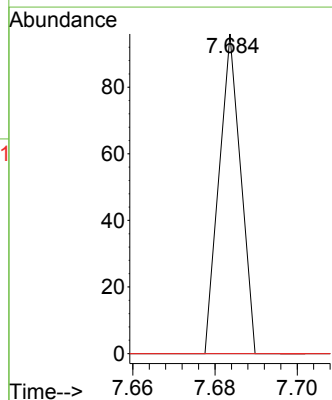
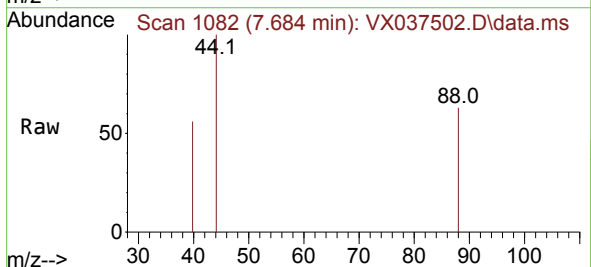
Instrument :
MSVOA_X
ClientSampleId :

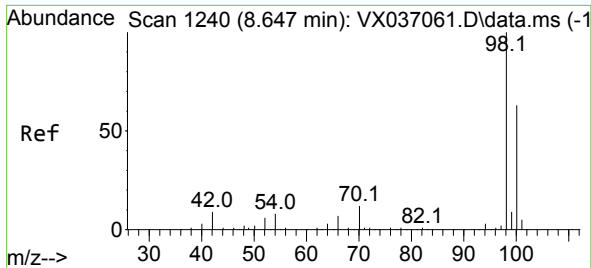
Tgt Ion:130 Resp: 1082
Ion Ratio Lower Upper
130 100
95 75.3 0.0 204.4



#49
1,4-Dioxane
Concen: 0.848 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.025 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

Tgt Ion: 88 Resp: 35
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

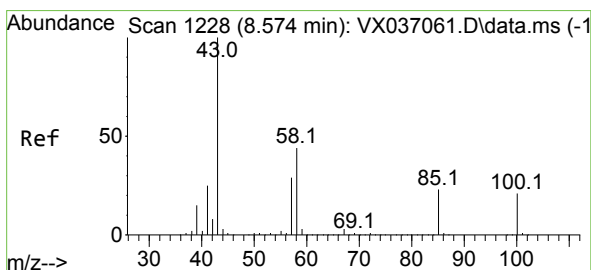
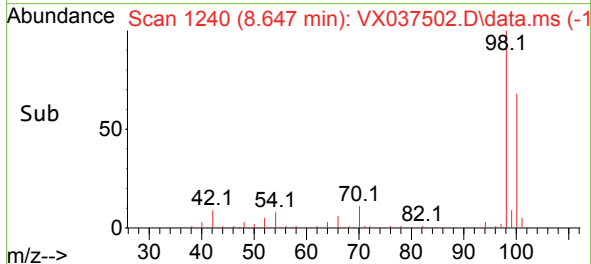
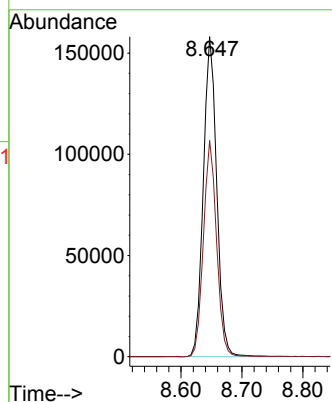
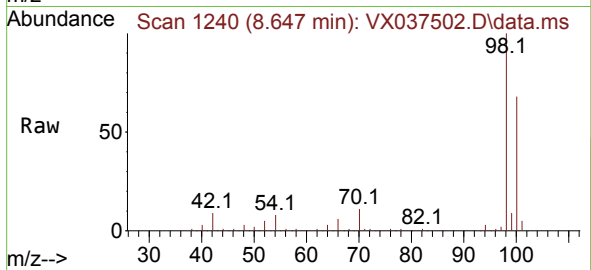




#50
Toluene-d8
Concen: 48.808 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

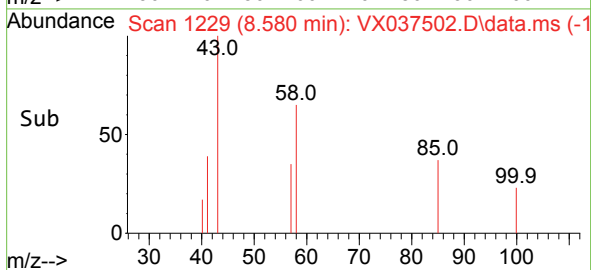
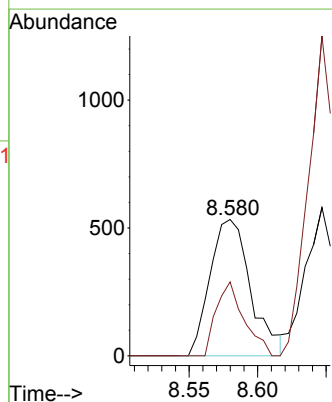
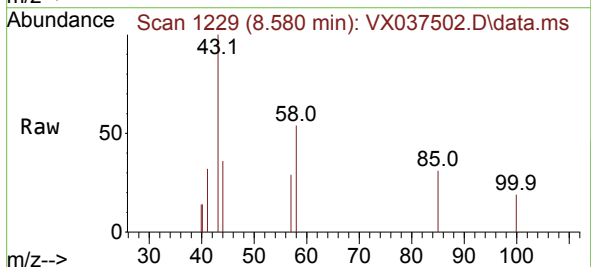
Instrument :
MSVOA_X
ClientSampleId :

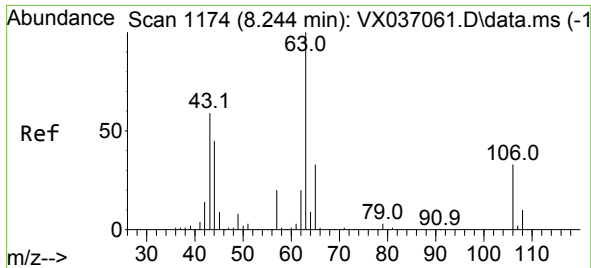
Tgt Ion: 98 Resp: 241455
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.578 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

Tgt Ion: 43 Resp: 1102
Ion Ratio Lower Upper
43 100
58 37.1 30.4 45.6

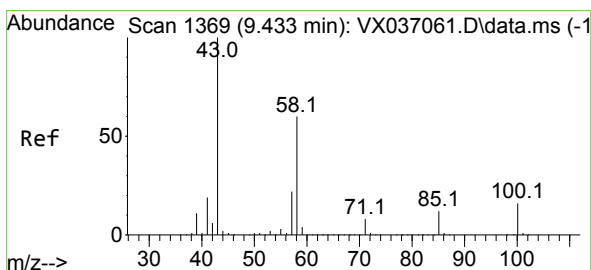
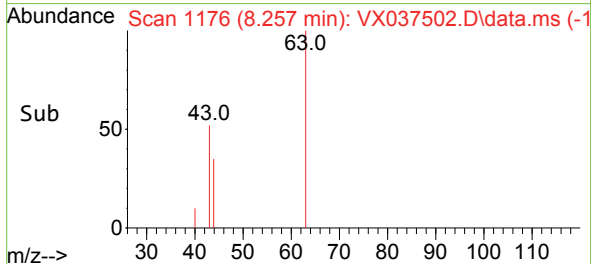
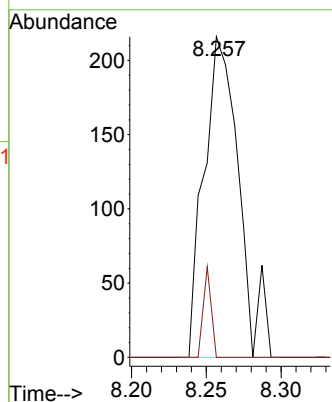
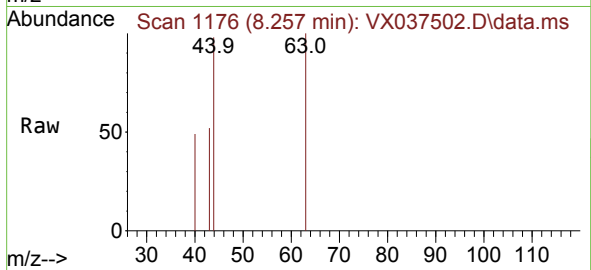




#58
2-Chloroethyl Vinyl ether
Concen: 0.312 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.012 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

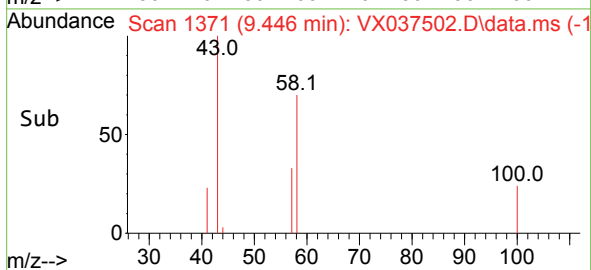
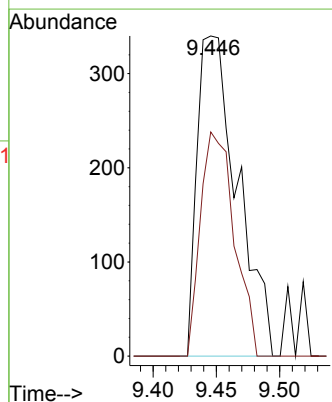
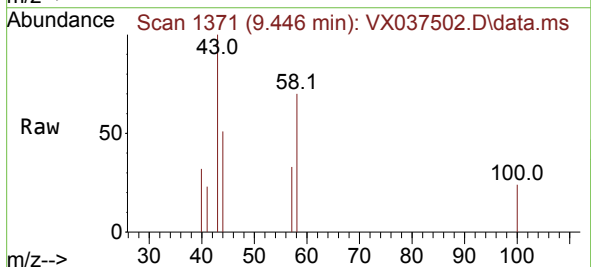
Instrument :
MSVOA_X
ClientSampleId :

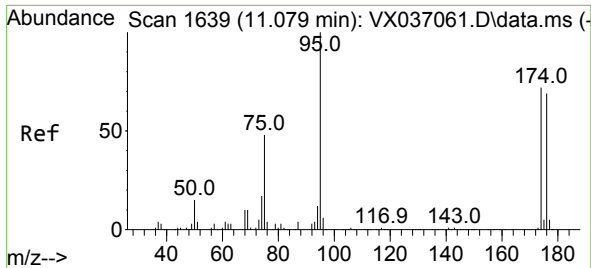
Tgt Ion: 63 Resp: 351
Ion Ratio Lower Upper
63 100
106 6.3 22.5 33.7#



#59
2-Hexanone
Concen: 0.520 ug/l
RT: 9.446 min Scan# 1371
Delta R.T. 0.012 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

Tgt Ion: 43 Resp: 756
Ion Ratio Lower Upper
43 100
58 58.7 26.2 78.5

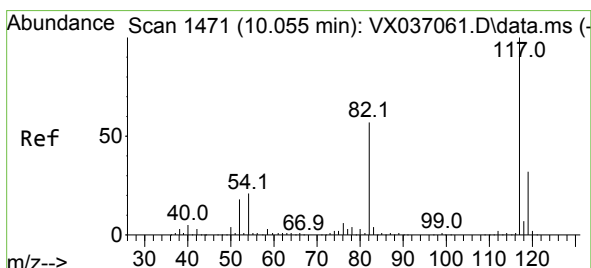
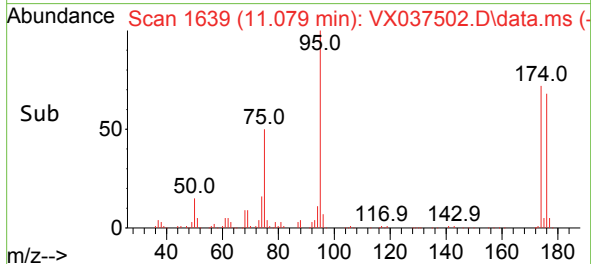
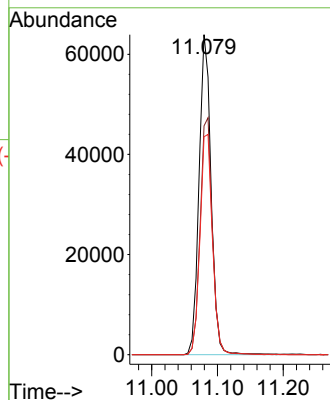
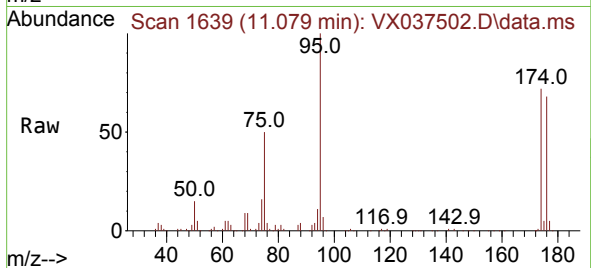




#62
4-Bromofluorobenzene
Concen: 41.760 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

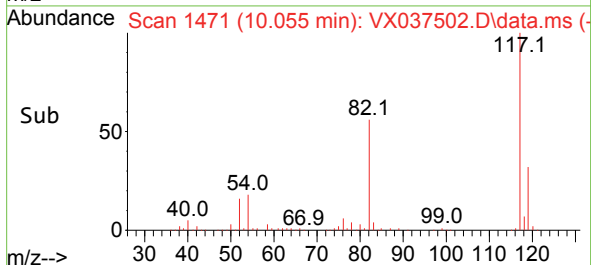
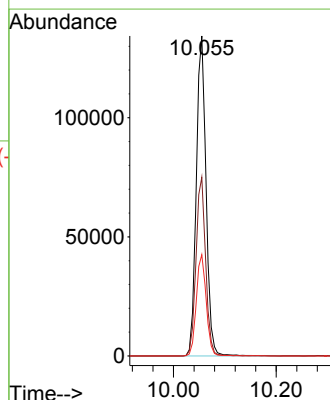
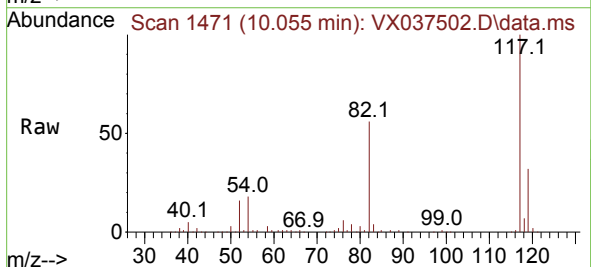
Instrument :
MSVOA_X
ClientSampleId :

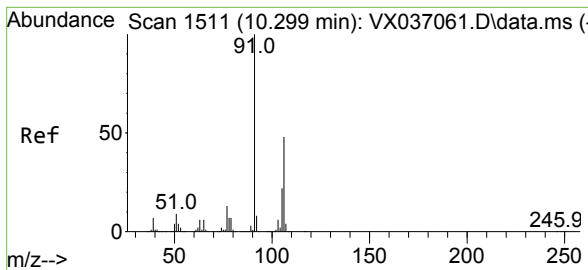
Tgt Ion: 95 Resp: 81186
Ion Ratio Lower Upper
95 100
174 75.8 0.0 135.6
176 71.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

Tgt Ion: 117 Resp: 177376
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 31.7 25.5 38.3

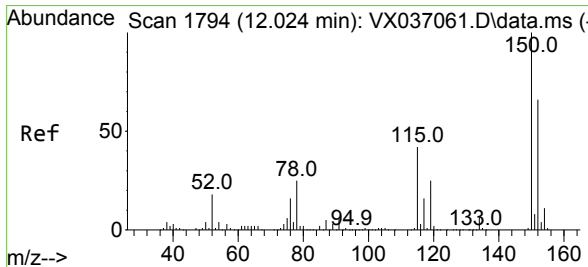
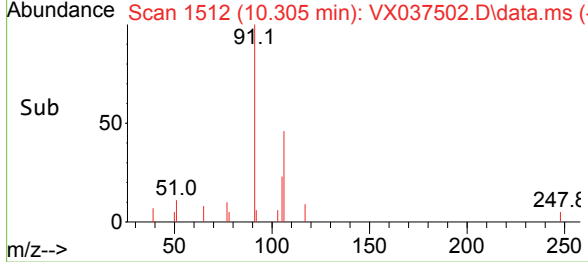
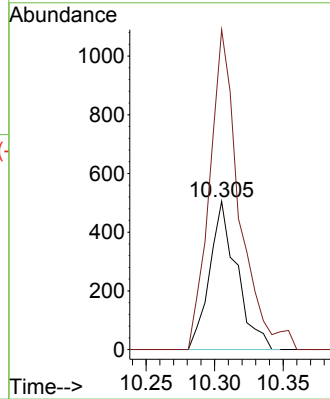
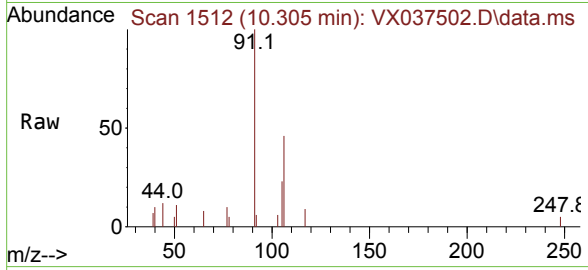




#68
m/p-Xylenes
Concen: 0.274 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

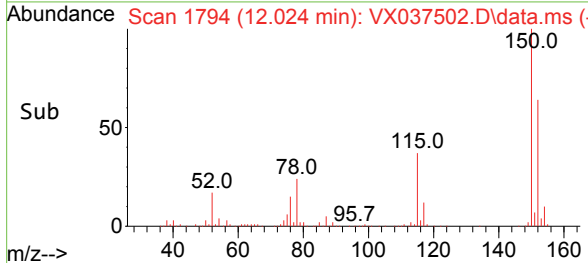
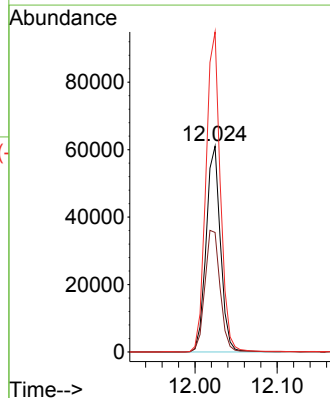
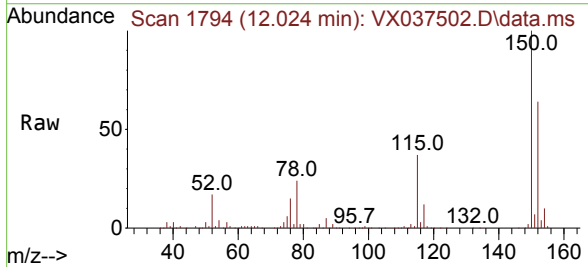
Instrument :
MSVOA_X
ClientSampleId :

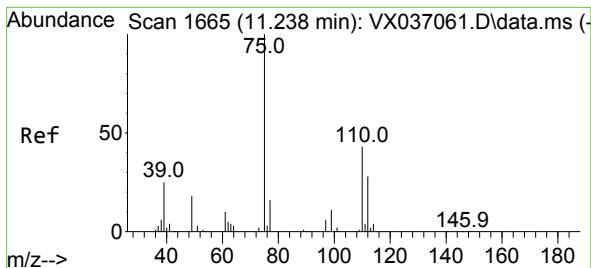
Tgt Ion:106 Resp: 699
Ion Ratio Lower Upper
106 100
91 235.6 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

Tgt Ion:152 Resp: 73949
Ion Ratio Lower Upper
152 100
115 62.7 43.3 129.9
150 156.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.034 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX037502.D

Acq: 05 Sep 2023 11:00

Instrument :

MSVOA_X

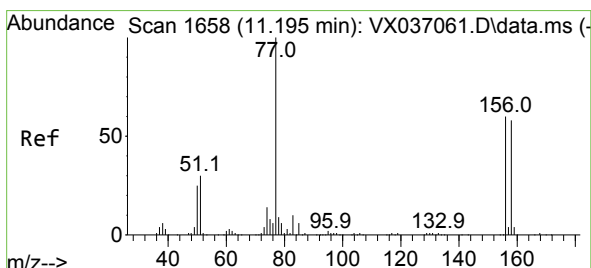
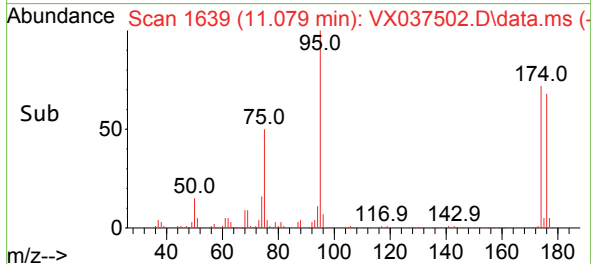
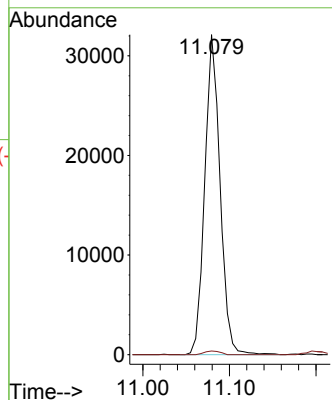
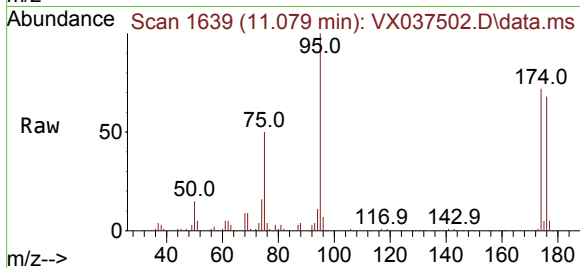
ClientSampleId :

Tgt Ion: 75 Resp: 39425

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#77

Bromobenzene

Concen: 0.232 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.012 min

Lab File: VX037502.D

Acq: 05 Sep 2023 11:00

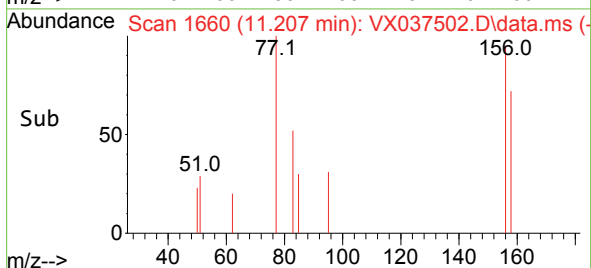
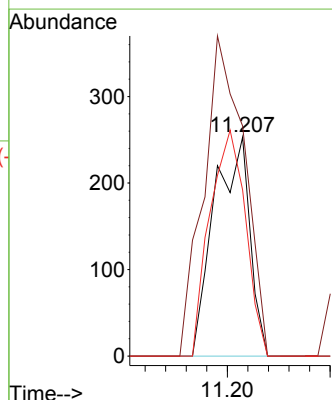
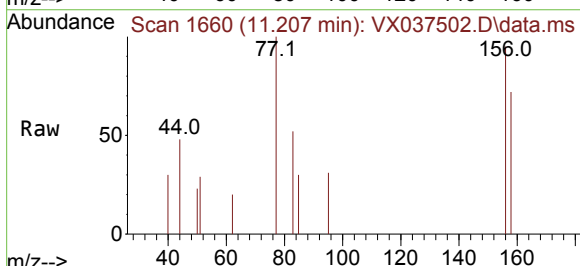
Tgt Ion:156 Resp: 304

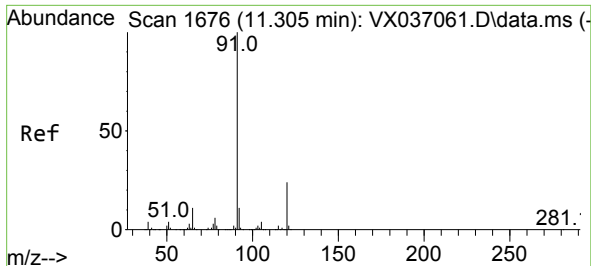
Ion Ratio Lower Upper

156 100

77 166.8 88.4 265.3

158 103.3 48.0 144.0

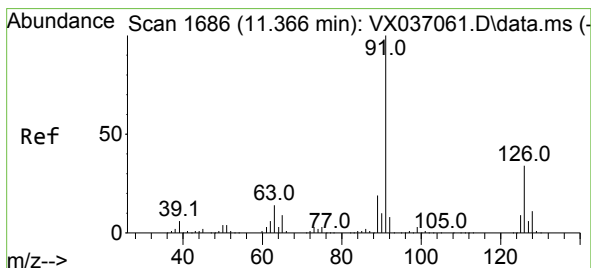
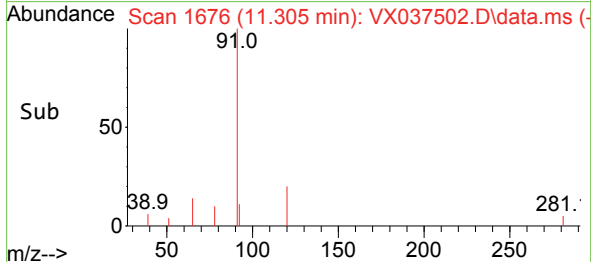
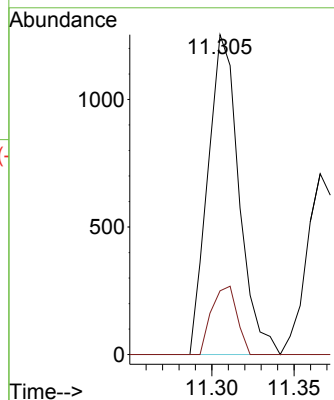
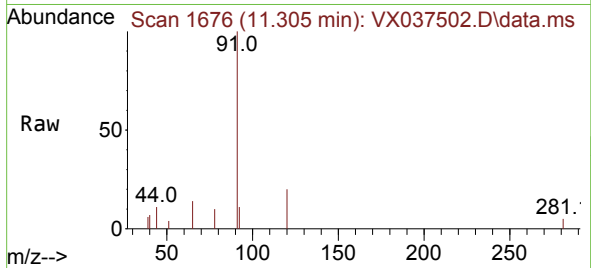




#78
n-propylbenzene
Concen: 0.277 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

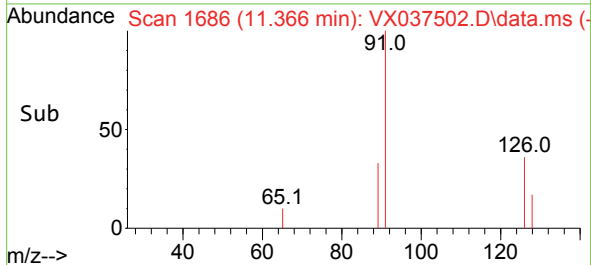
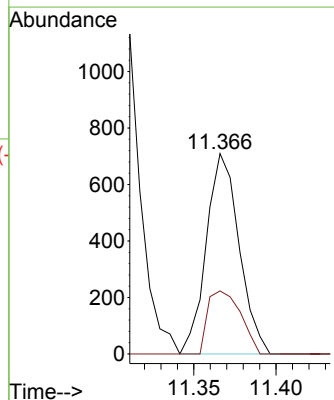
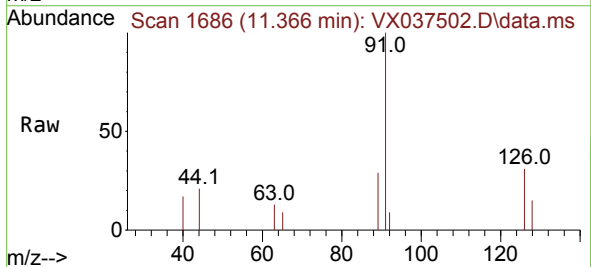
Instrument :
MSVOA_X
ClientSampleId :

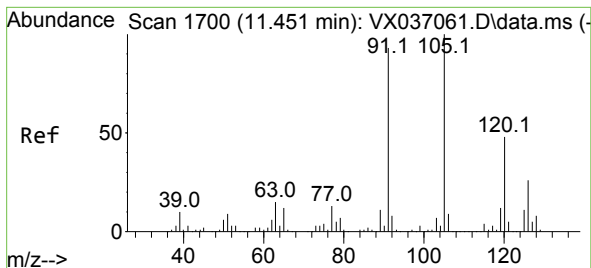
Tgt Ion: 91 Resp: 1656
Ion Ratio Lower Upper
91 100
120 17.4 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.258 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

Tgt Ion: 91 Resp: 986
Ion Ratio Lower Upper
91 100
126 31.4 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.291 ug/l

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX037502.D

Acq: 05 Sep 2023 11:00

Instrument :

MSVOA_X

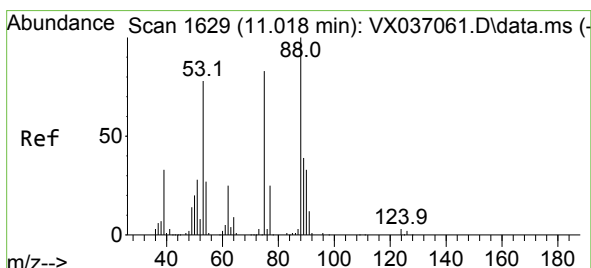
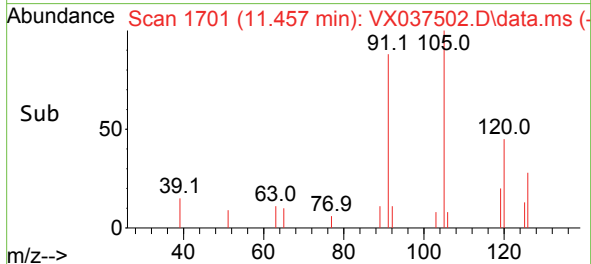
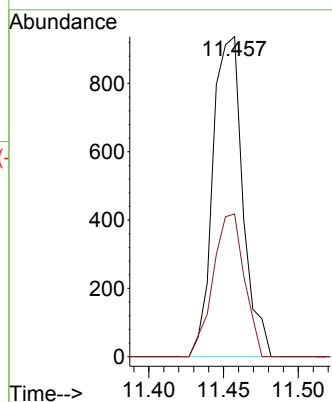
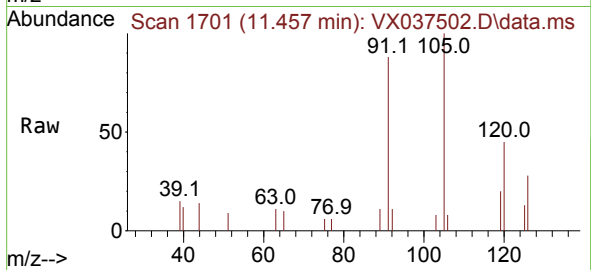
ClientSampleId :

Tgt Ion:105 Resp: 1306

Ion Ratio Lower Upper

105 100

120 46.6 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 69.921 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037502.D

Acq: 05 Sep 2023 11:00

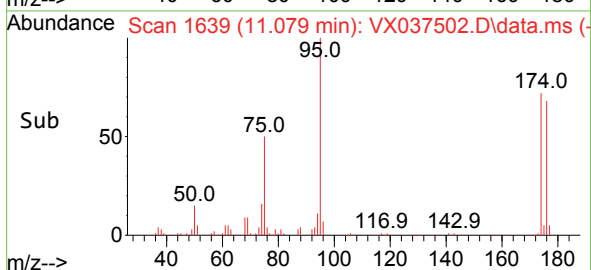
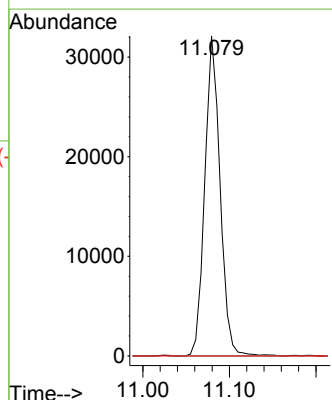
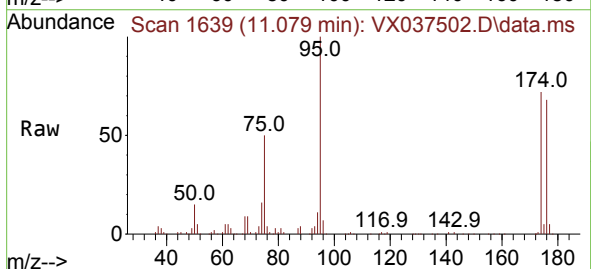
Tgt Ion: 75 Resp: 39425

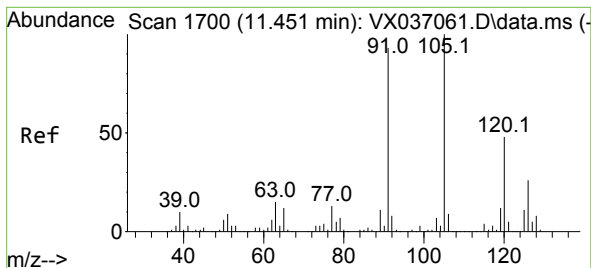
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#82

4-Chlorotoluene

Concen: 0.300 ug/l

RT: 11.463 min Scan# 1702

Delta R.T. 0.012 min

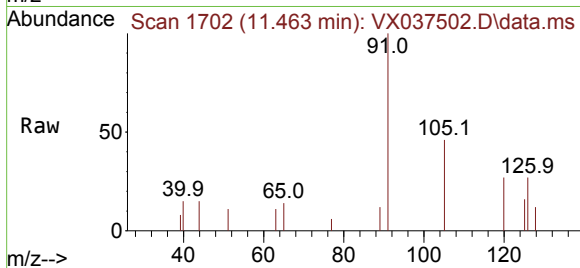
Lab File: VX037502.D

Acq: 05 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

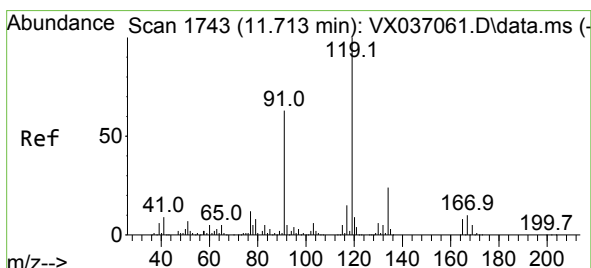
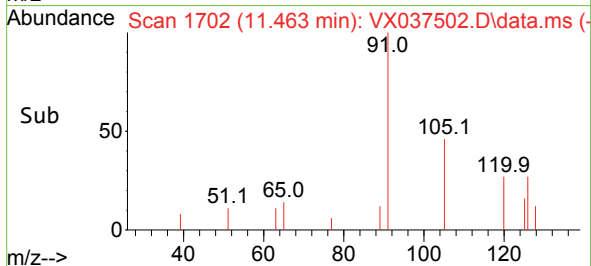
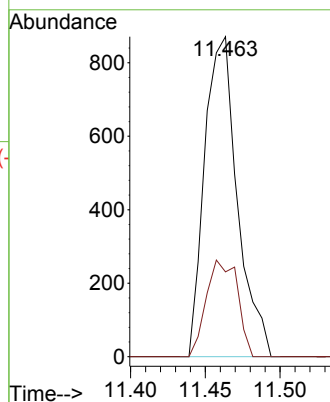


Tgt Ion: 91 Resp: 1325

Ion Ratio Lower Upper

91 100

126 28.8 14.2 42.6



#83

tert-Butylbenzene

Concen: 0.327 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX037502.D

Acq: 05 Sep 2023 11:00

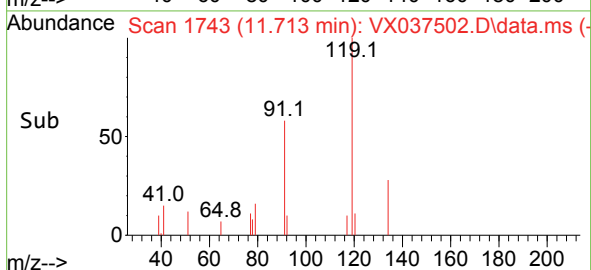
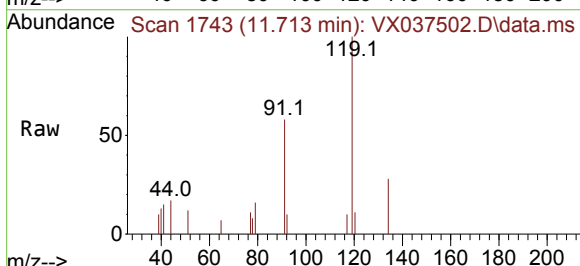
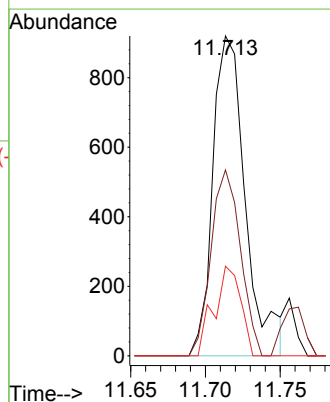
Tgt Ion: 119 Resp: 1397

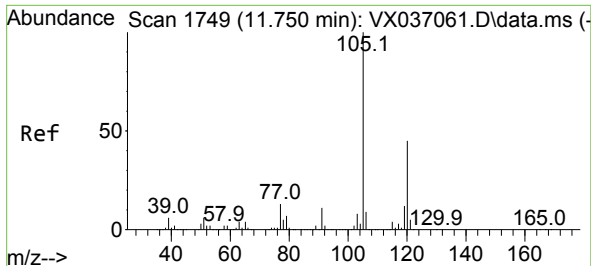
Ion Ratio Lower Upper

119 100

91 52.3 31.2 93.6

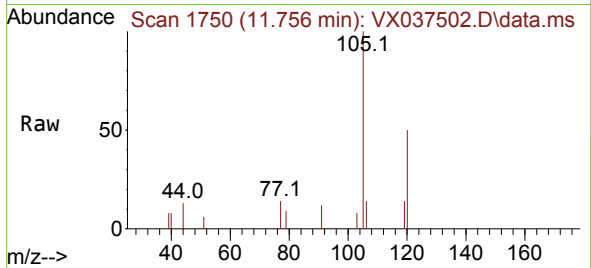
134 22.8 11.7 35.0



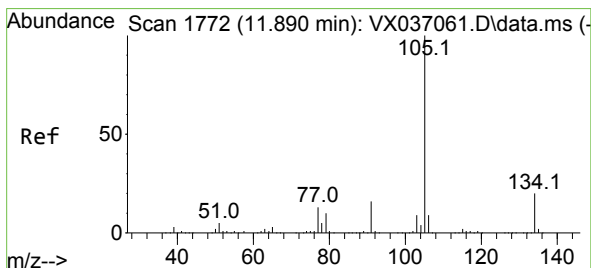
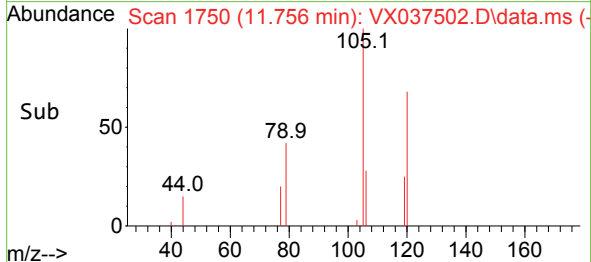
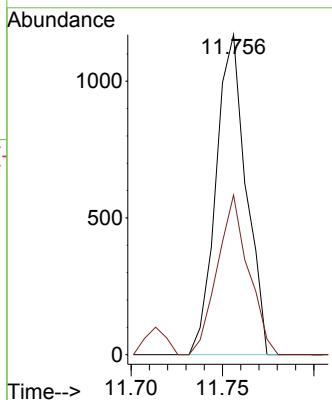


#84
1,2,4-Trimethylbenzene
Concen: 0.296 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :

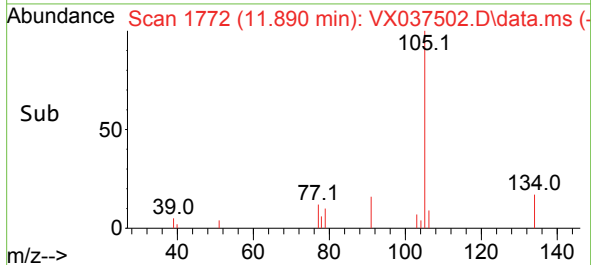
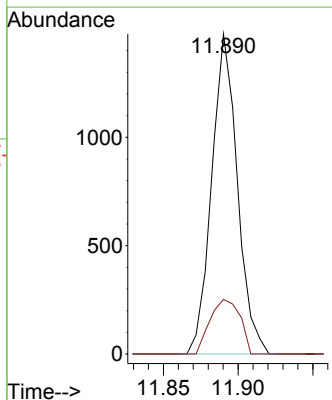
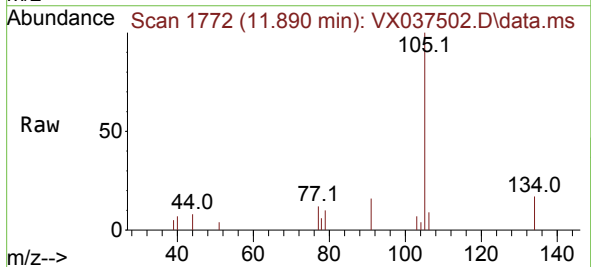


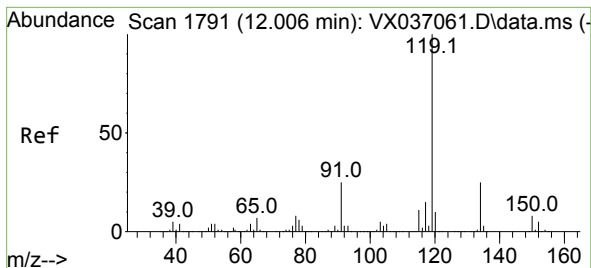
Tgt Ion:105 Resp: 1341
Ion Ratio Lower Upper
105 100
120 51.9 21.2 63.6



#85
sec-Butylbenzene
Concen: 0.353 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

Tgt Ion:105 Resp: 1763
Ion Ratio Lower Upper
105 100
134 19.9 9.8 29.4





#86

p-Isopropyltoluene

Concen: 0.367 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX037502.D

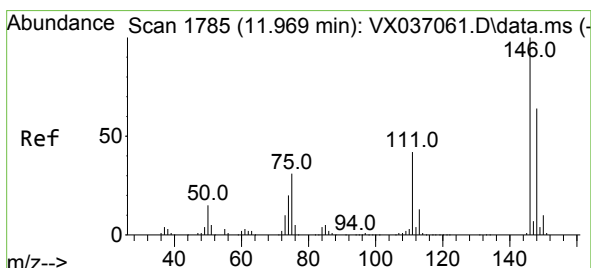
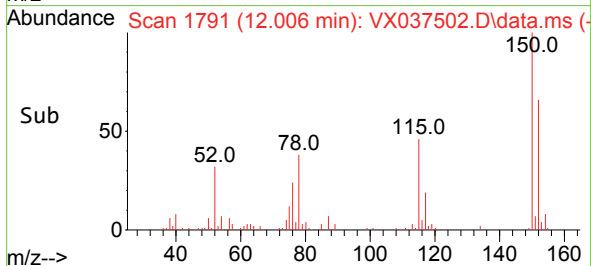
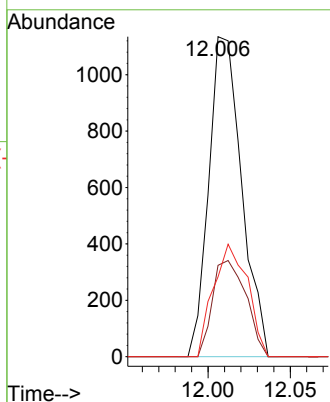
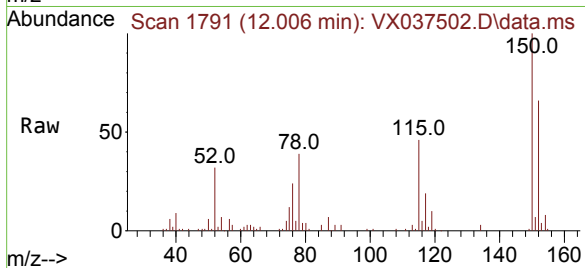
Acq: 05 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:119	Resp:	1577
Ion	Ratio	Lower Upper
119	100	
134	30.7	12.8 38.3
91	36.5	13.1 39.3



#87

1,3-Dichlorobenzene

Concen: 0.381 ug/l

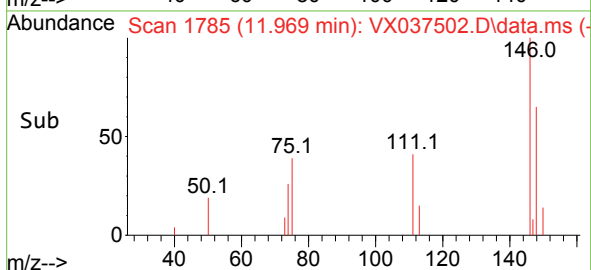
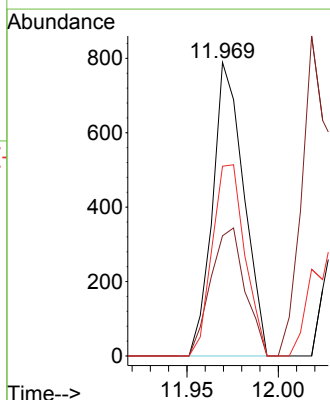
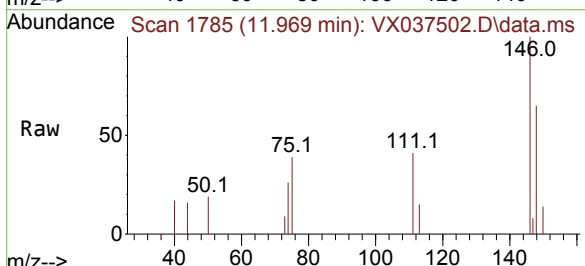
RT: 11.969 min Scan# 1785

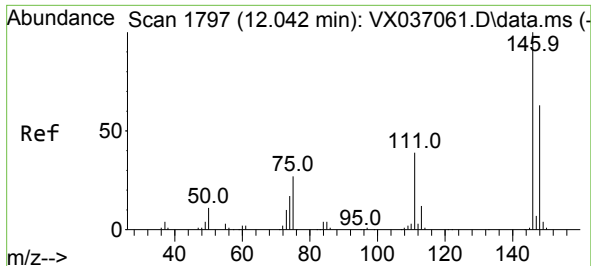
Delta R.T. 0.000 min

Lab File: VX037502.D

Acq: 05 Sep 2023 11:00

Tgt Ion:146	Resp:	937
Ion	Ratio	Lower Upper
146	100	
111	48.0	22.1 66.1
148	68.3	31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 0.369 ug/l

RT: 11.969 min Scan# 11

Delta R.T. -0.073 min

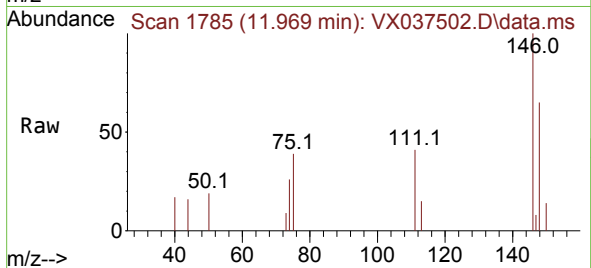
Lab File: VX037502.D

Acq: 05 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :



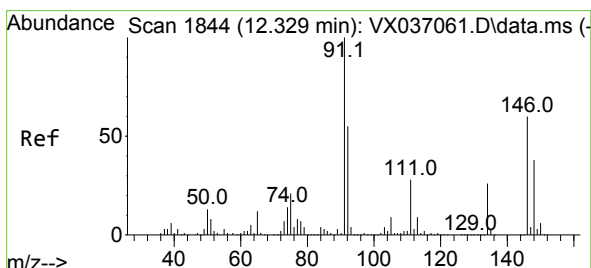
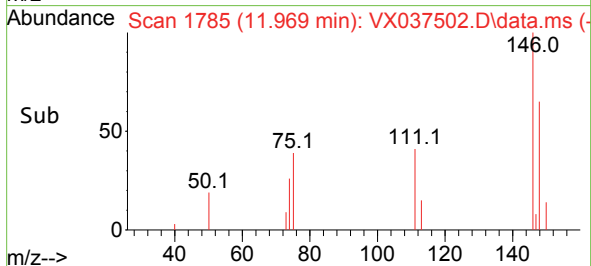
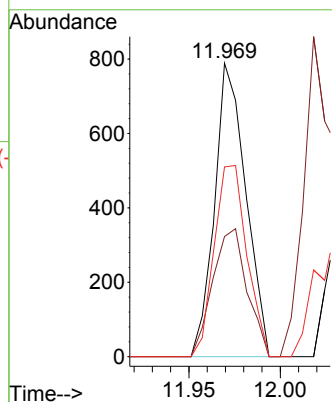
Tgt Ion:146 Resp: 937

Ion Ratio Lower Upper

146 100

111 48.0 21.3 63.7

148 68.3 31.8 95.4



#89

n-Butylbenzene

Concen: 0.390 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX037502.D

Acq: 05 Sep 2023 11:00

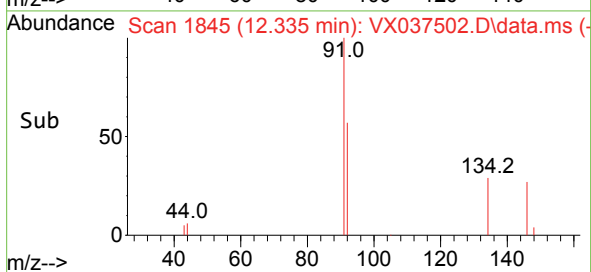
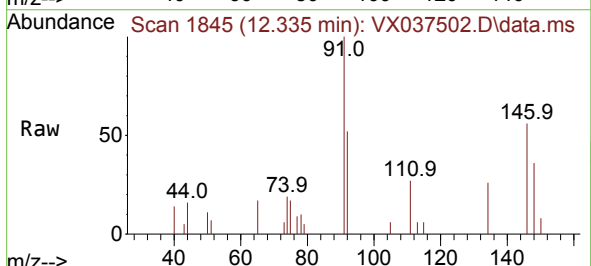
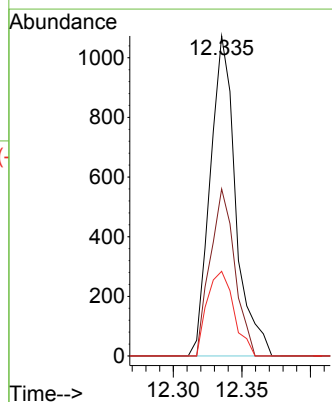
Tgt Ion: 91 Resp: 1389

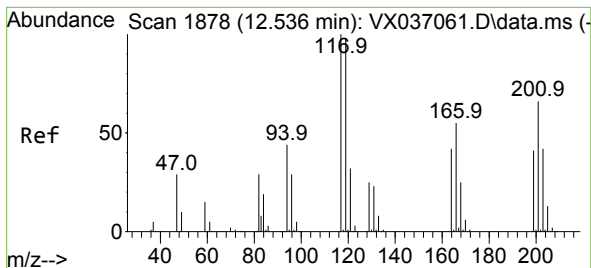
Ion Ratio Lower Upper

91 100

92 50.4 27.4 82.0

134 27.9 12.6 37.8





#90

Hexachloroethane

Concen: 0.334 ug/l

RT: 12.543 min Scan# 117

Delta R.T. 0.006 min

Lab File: VX037502.D

Acq: 05 Sep 2023 11:00

Instrument :

MSVOA_X

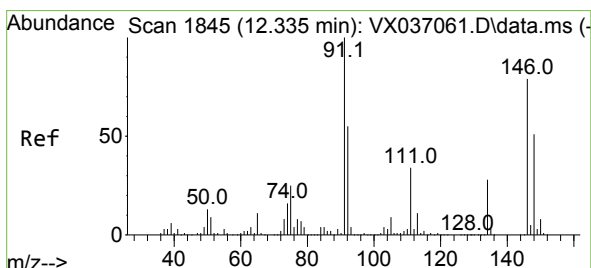
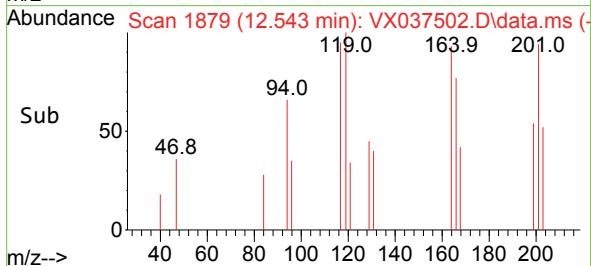
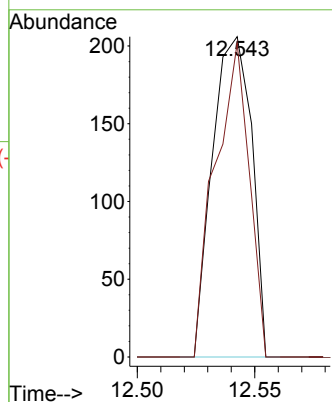
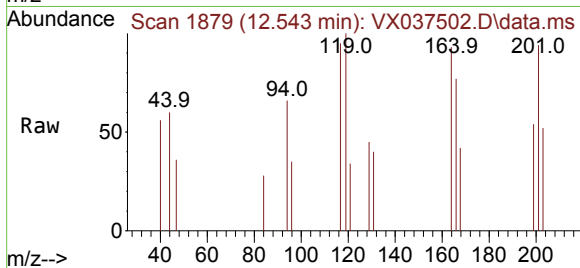
ClientSampleId :

Tgt Ion:117 Resp: 240

Ion Ratio Lower Upper

117 100

201 84.6 32.9 98.6



#91

1,2-Dichlorobenzene

Concen: 0.355 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX037502.D

Acq: 05 Sep 2023 11:00

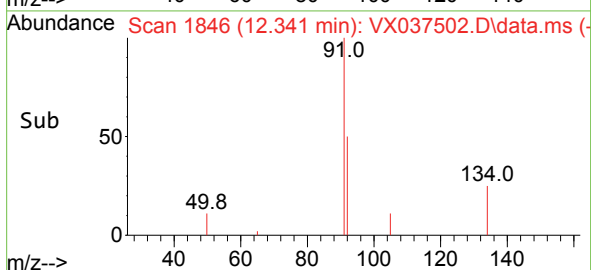
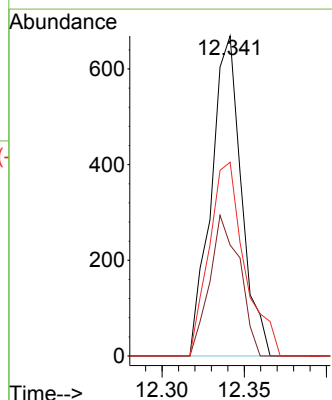
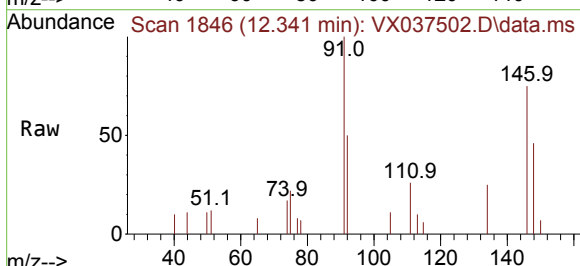
Tgt Ion:146 Resp: 855

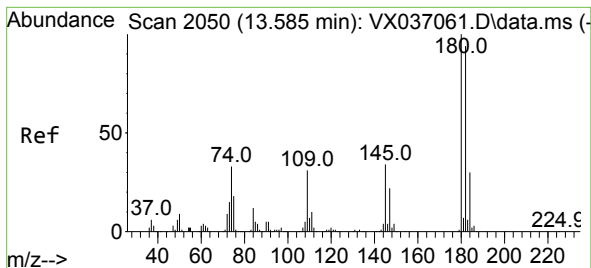
Ion Ratio Lower Upper

146 100

111 43.6 22.4 67.0

148 71.2 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 0.878 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX037502.D

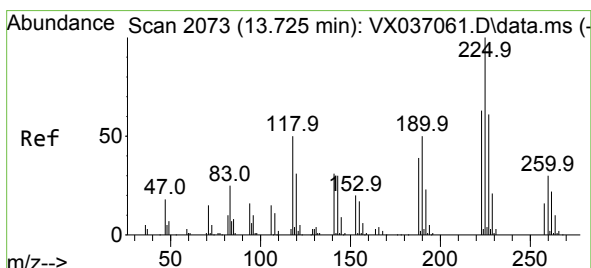
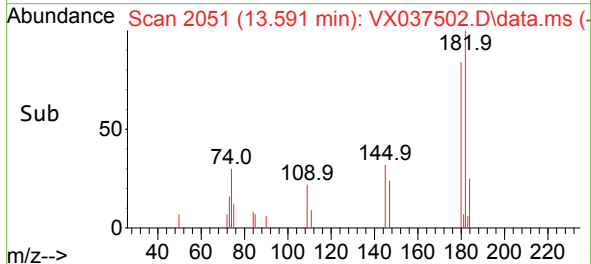
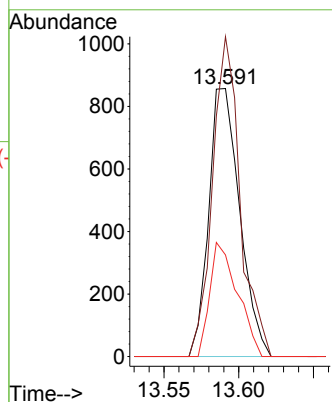
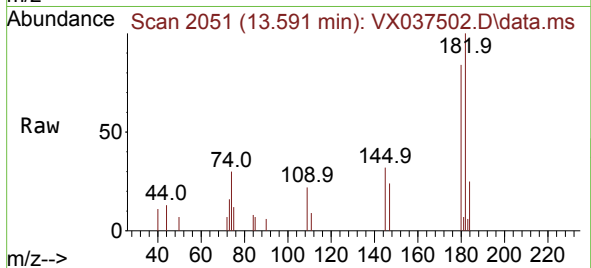
Acq: 05 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	1236
Ion Ratio	Lower	Upper
180	100	
182	106.2	48.3 144.8
145	38.0	18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.539 ug/l

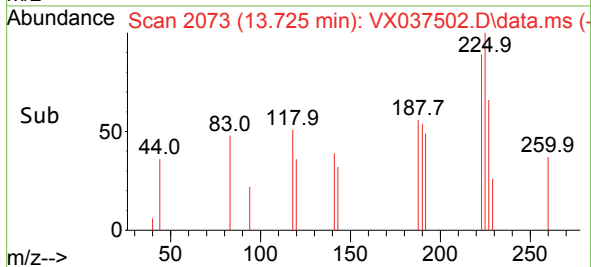
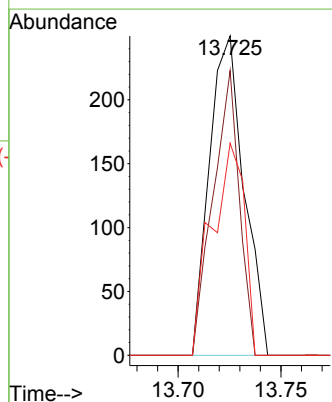
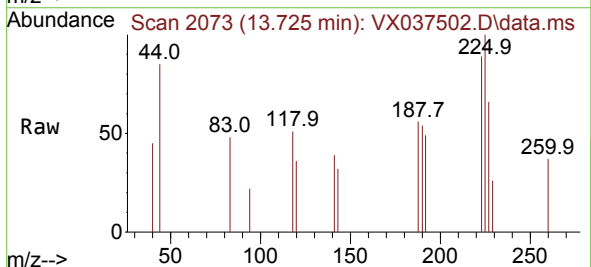
RT: 13.725 min Scan# 2073

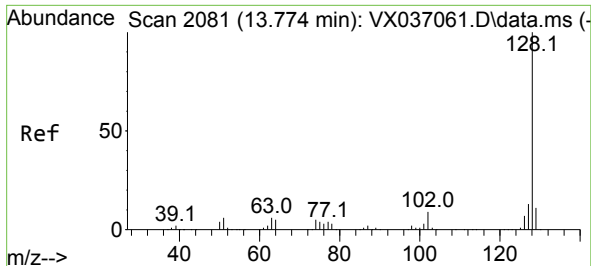
Delta R.T. 0.000 min

Lab File: VX037502.D

Acq: 05 Sep 2023 11:00

Tgt Ion:225	Resp:	293
Ion Ratio	Lower	Upper
225	100	
223	67.9	31.1 93.2
227	62.8	32.5 97.5

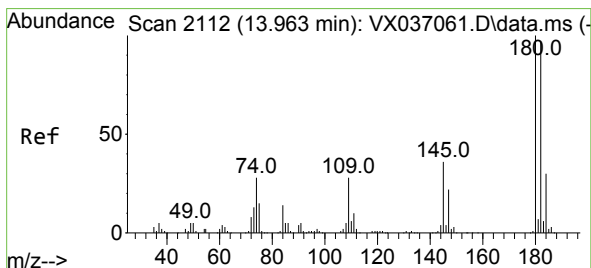
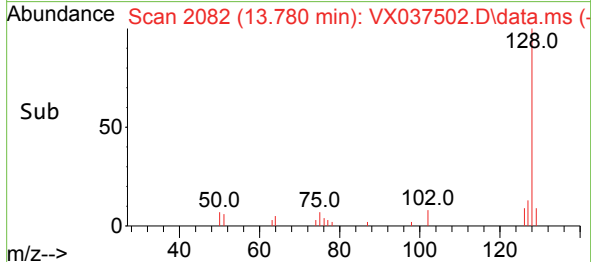
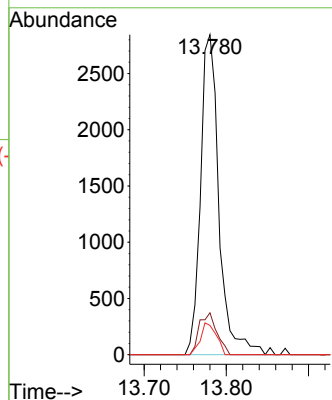
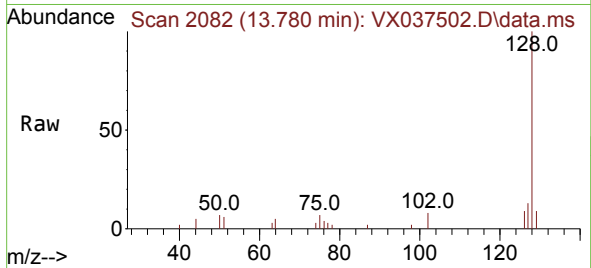




#95
Naphthalene
Concen: 0.719 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 4437
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 8.5 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 1.162 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

Tgt Ion:180 Resp: 1625
Ion Ratio Lower Upper
180 100
182 89.2 46.9 140.6
145 28.6 17.8 53.5

