

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038160.D
 Acq On : 09 Oct 2023 10:41
 Operator : JC/MD
 Sample : VX1009MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 10 00:51:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

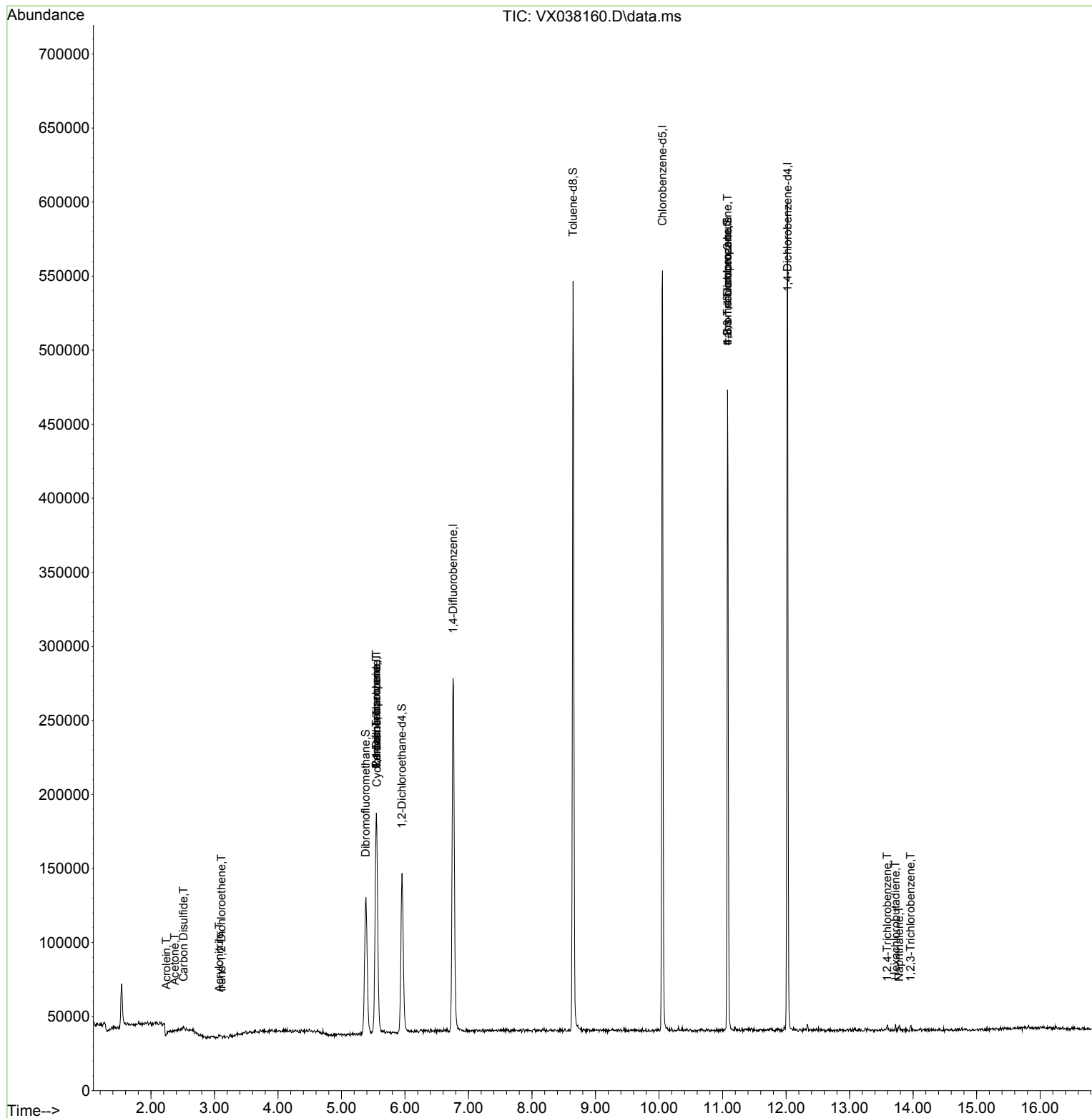
Internal Standards						
1) Pentafluorobenzene	5.550	168	138064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	247166	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101053	45.506	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.020%		
35) Dibromofluoromethane	5.379	113	79665	44.731	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.460%		
50) Toluene-d8	8.647	98	304321	44.716	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.440%#		
62) 4-Bromofluorobenzene	11.079	95	110164	42.698	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.400%		
Target Compounds						
5) Bromomethane	1.587	94	106	Below Cal	#	3
6) Chloroethane	1.672	64	200	Below Cal		93
13) Acrolein	2.239	56	116	0.367	ug/l #	1
15) Acrylonitrile	3.075	53	634	0.627	ug/l #	85
16) Acetone	2.373	43	556	0.600	ug/l	96
17) Carbon Disulfide	2.514	76	2167	0.595	ug/l	95
21) trans-1,2-Dichloroethene	3.111	96	361	0.231	ug/l #	20
31) Cyclohexane	5.556	56	3368	1.400	ug/l #	44
36) 1,1-Dichloropropene	5.550	75	11405	4.644	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14701	6.085	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	62275	23.960	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	62275	68.352	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	837	0.345	ug/l	97
94) Hexachlorobutadiene	13.725	225	540	0.554	ug/l	95
95) Naphthalene	13.780	128	2322	0.275	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	737	0.314	ug/l	89

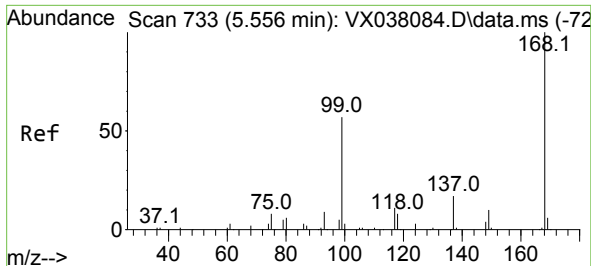
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

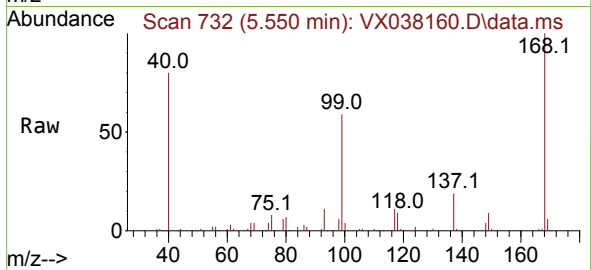
Quant Time: Oct 10 00:51:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



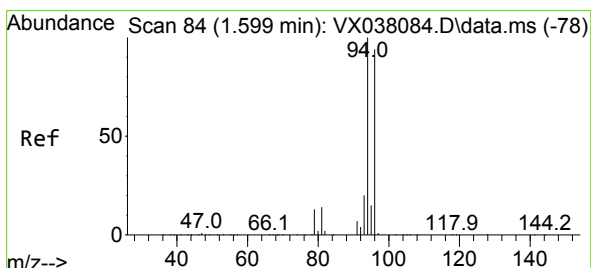
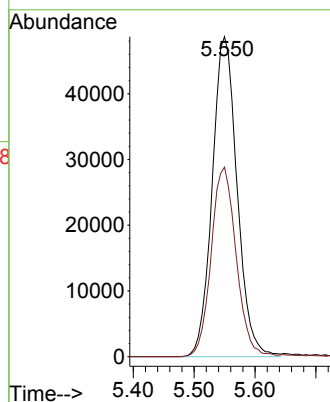
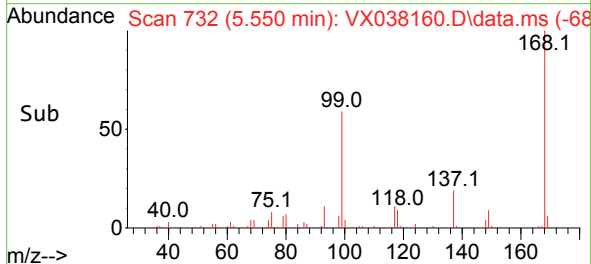


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038160.D
Acq: 09 Oct 2023 10:41

Instrument :
MSVOA_X
ClientSampleId :

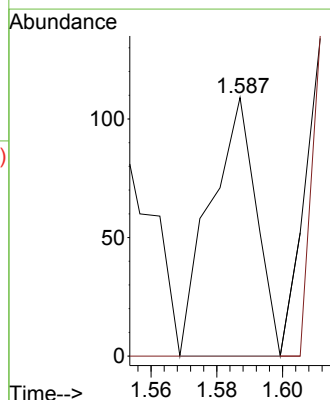
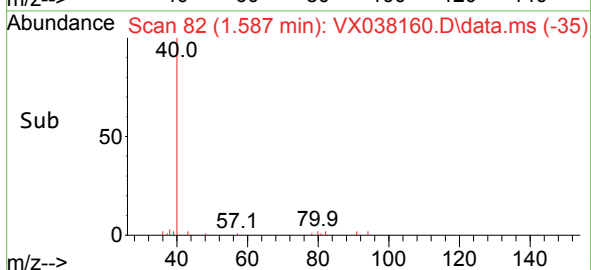
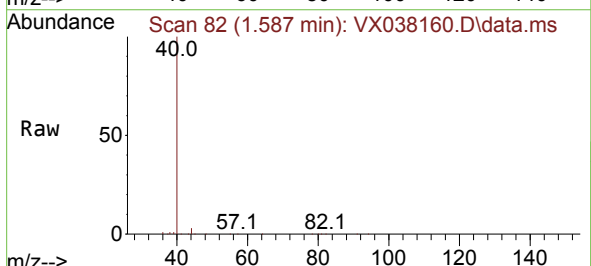


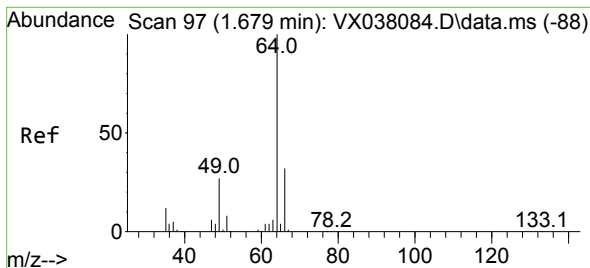
Tgt Ion:168 Resp: 138064
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.587 min Scan# 82
Delta R.T. -0.012 min
Lab File: VX038160.D
Acq: 09 Oct 2023 10:41

Tgt Ion: 94 Resp: 106
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#





#6

Chloroethane

Concen: Below Cal

RT: 1.672 min Scan# 90

Delta R.T. -0.007 min

Lab File: VX038160.D

Acq: 09 Oct 2023 10:41

Instrument :

MSVOA_X

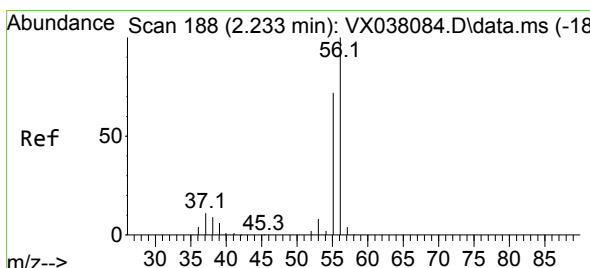
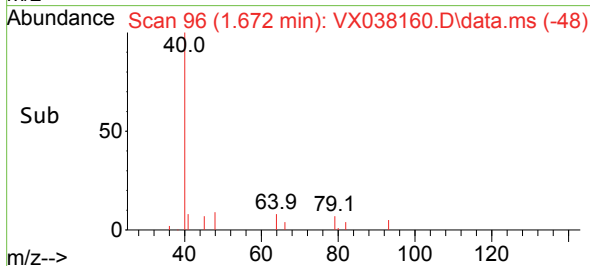
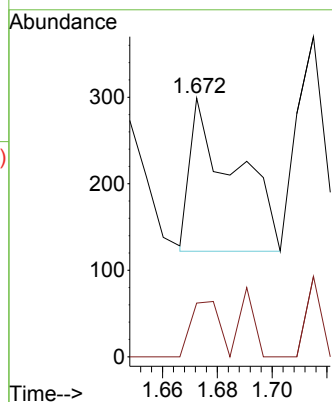
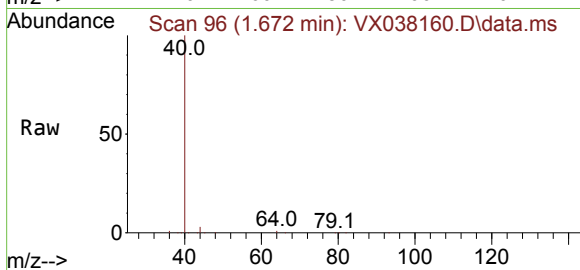
ClientSampleId :

Tgt Ion: 64 Resp: 200

Ion Ratio Lower Upper

64 100

66 35.0 25.1 37.7



#13

Acrolein

Concen: 0.367 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX038160.D

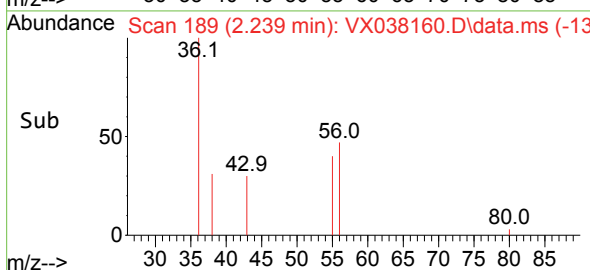
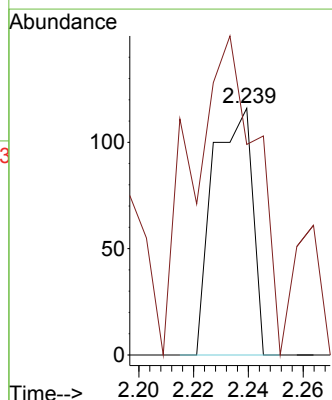
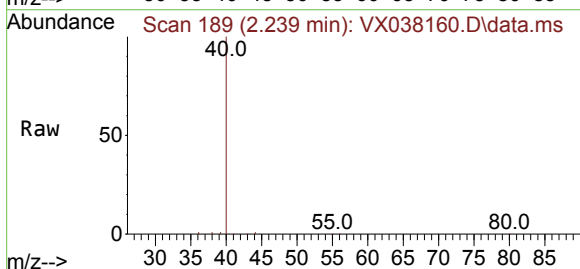
Acq: 09 Oct 2023 10:41

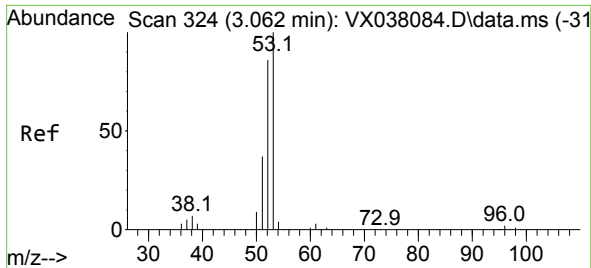
Tgt Ion: 56 Resp: 116

Ion Ratio Lower Upper

56 100

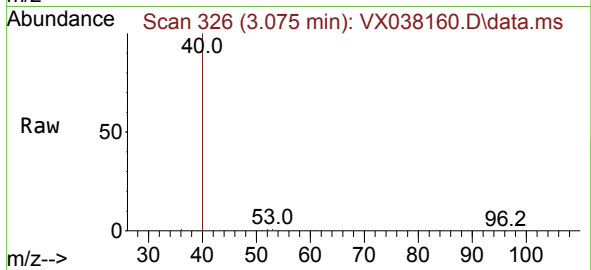
55 244.0 57.1 85.7#



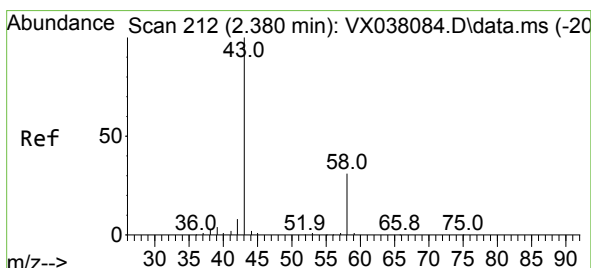
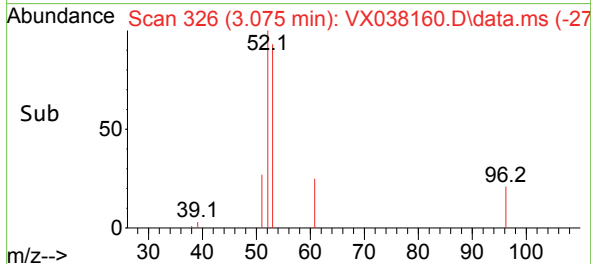
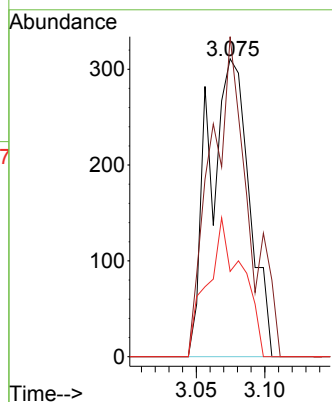


#15
Acrylonitrile
Concen: 0.627 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.013 min
Lab File: VX038160.D
Acq: 09 Oct 2023 10:41

Instrument :
MSVOA_X
ClientSampleId :

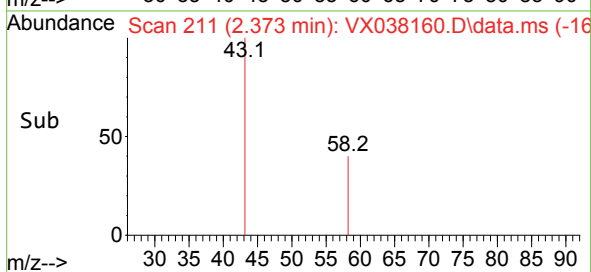
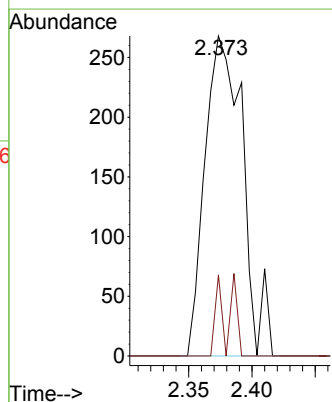
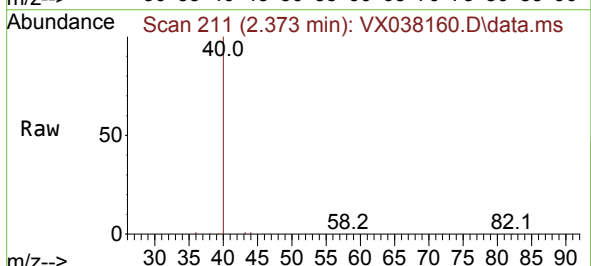


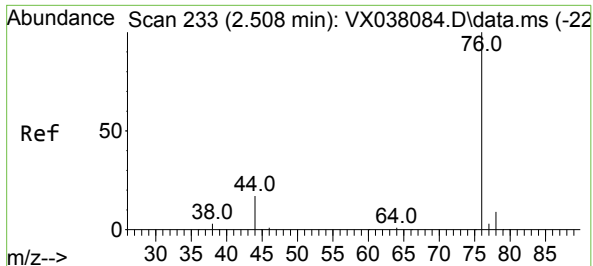
Tgt Ion: 53 Resp: 634
Ion Ratio Lower Upper
53 100
52 100.5 66.0 99.0#
51 40.1 29.8 44.6



#16
Acetone
Concen: 0.600 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038160.D
Acq: 09 Oct 2023 10:41

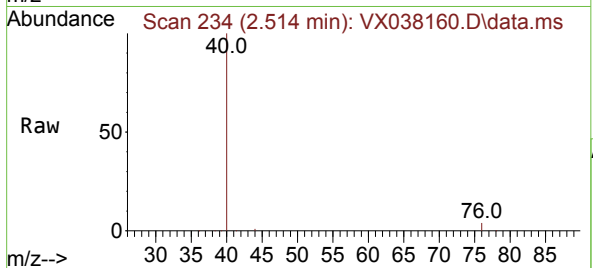
Tgt Ion: 43 Resp: 556
Ion Ratio Lower Upper
43 100
58 25.4 21.9 32.9



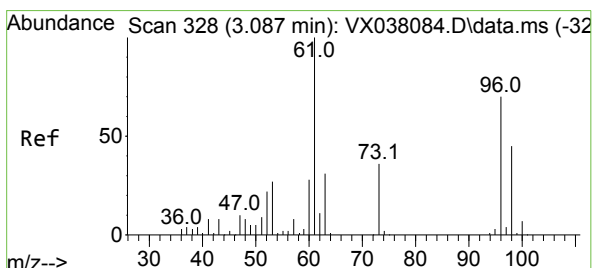
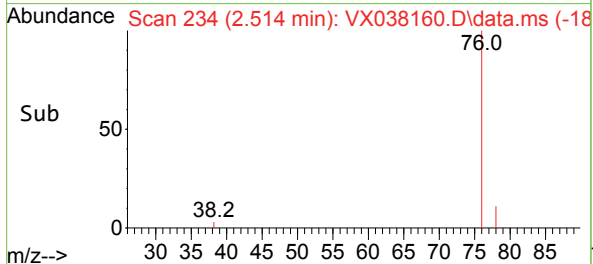
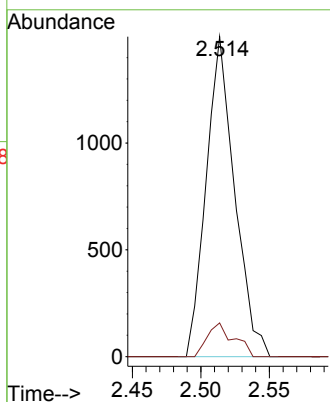


#17
Carbon Disulfide
Concen: 0.595 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038160.D
Acq: 09 Oct 2023 10:41

Instrument :
MSVOA_X
ClientSampleId :

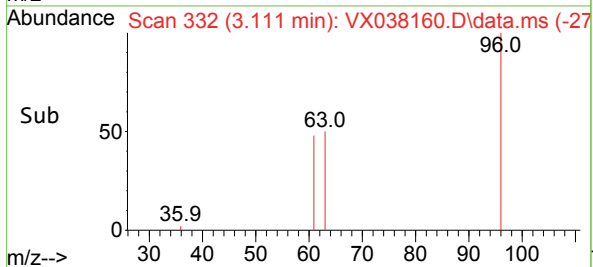
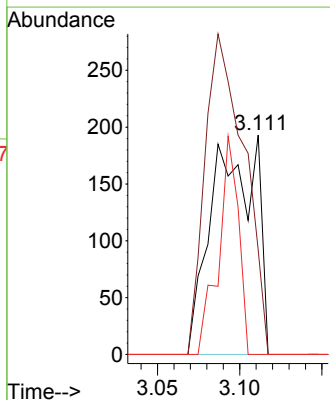
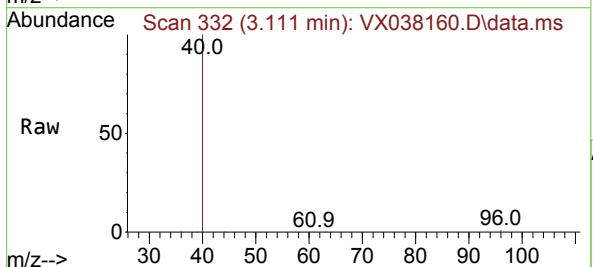


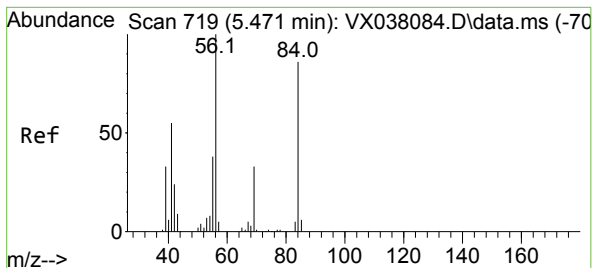
Tgt Ion: 76 Resp: 2167
Ion Ratio Lower Upper
76 100
78 10.5 7.0 10.6



#21
trans-1,2-Dichloroethene
Concen: 0.231 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.024 min
Lab File: VX038160.D
Acq: 09 Oct 2023 10:41

Tgt Ion: 96 Resp: 361
Ion Ratio Lower Upper
96 100
61 47.7 119.2 178.8#
98 0.0 48.7 73.1#





#31

Cyclohexane

Concen: 1.400 ug/l

RT: 5.556 min Scan# 719

Delta R.T. 0.085 min

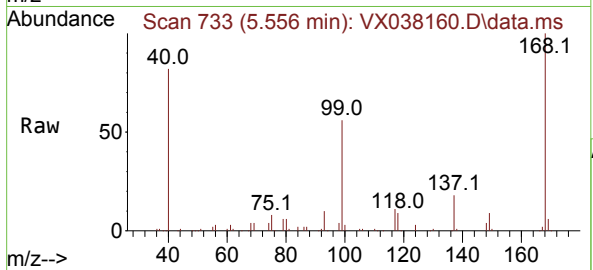
Lab File: VX038160.D

Acq: 09 Oct 2023 10:41

Instrument :

MSVOA_X

ClientSampleId :



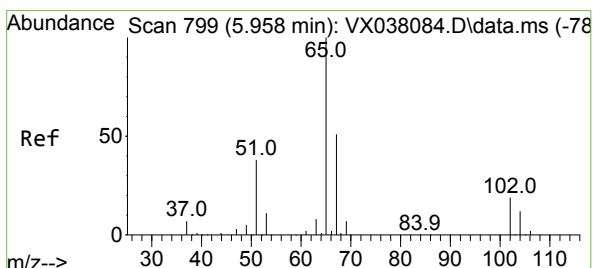
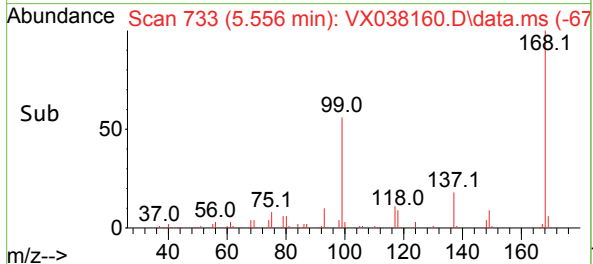
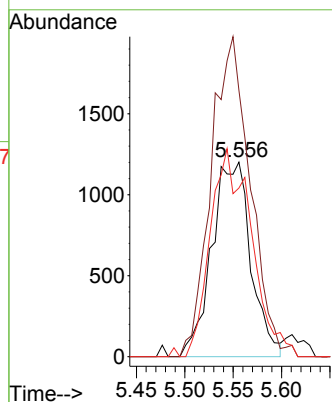
Tgt Ion: 56 Resp: 3368

Ion Ratio Lower Upper

56 100

69 136.9 23.4 35.2#

84 86.7 65.9 98.9



#33

1,2-Dichloroethane-d4

Concen: 45.506 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX038160.D

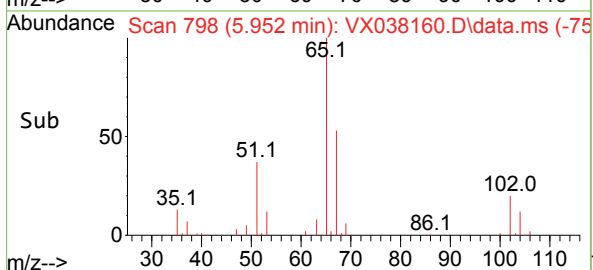
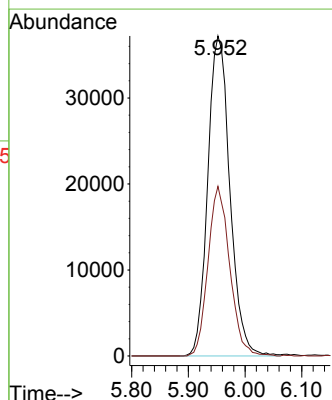
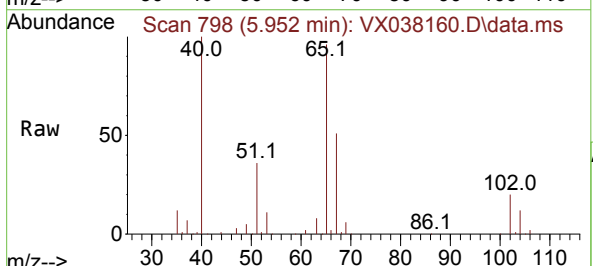
Acq: 09 Oct 2023 10:41

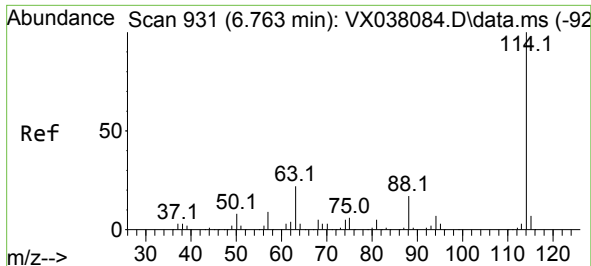
Tgt Ion: 65 Resp: 101053

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.2

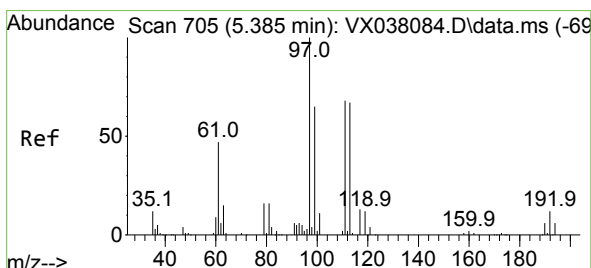
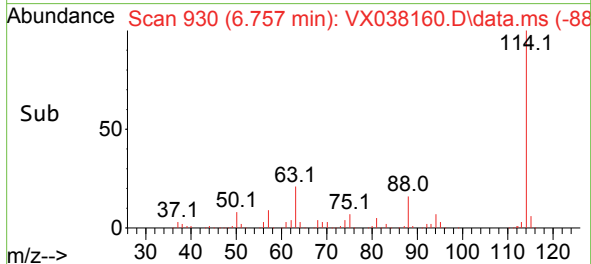
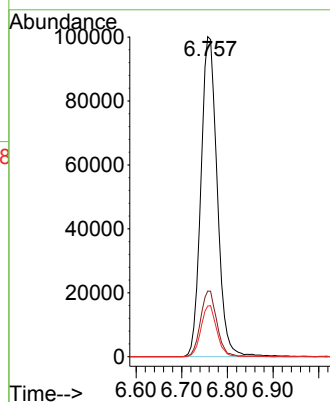
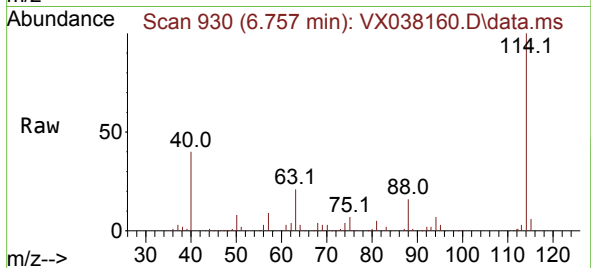




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX038160.D
Acq: 09 Oct 2023 10:41

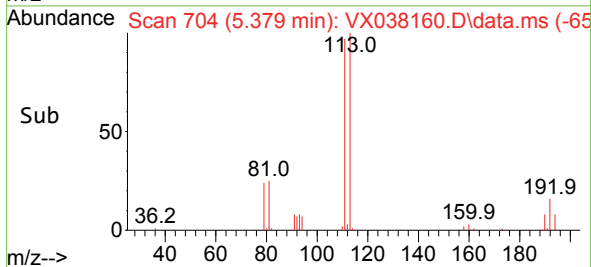
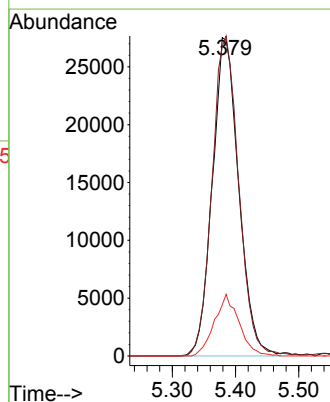
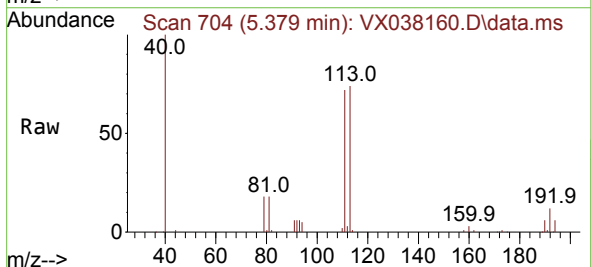
Instrument :
MSVOA_X
ClientSampleId :

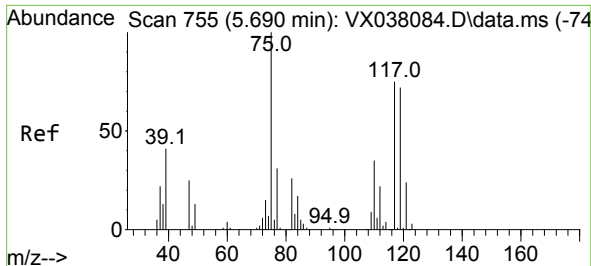
Tgt Ion:114 Resp: 247166
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.731 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038160.D
Acq: 09 Oct 2023 10:41

Tgt Ion:113 Resp: 79665
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.1 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.644 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

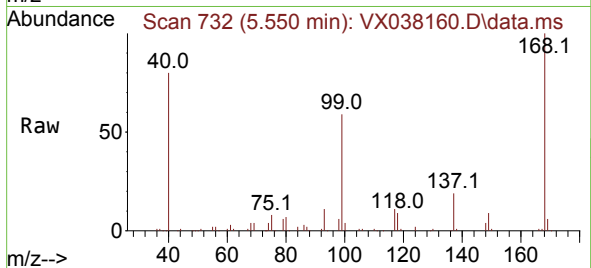
Lab File: VX038160.D

Acq: 09 Oct 2023 10:41

Instrument :

MSVOA_X

ClientSampleId :



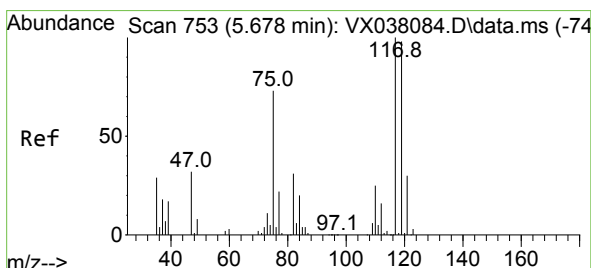
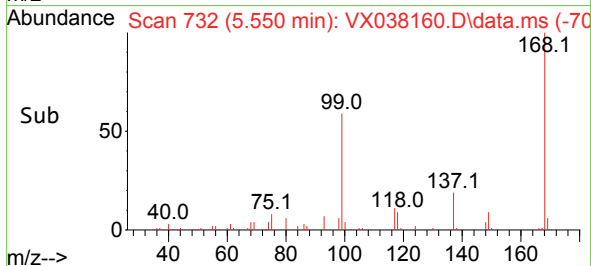
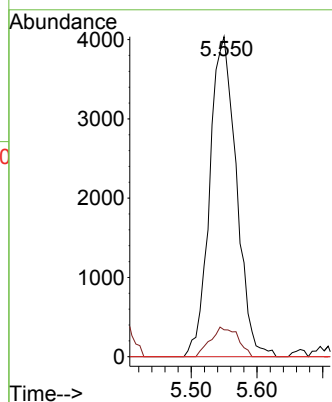
Tgt Ion: 75 Resp: 11405

Ion Ratio Lower Upper

75 100

110 9.4 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.085 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX038160.D

Acq: 09 Oct 2023 10:41

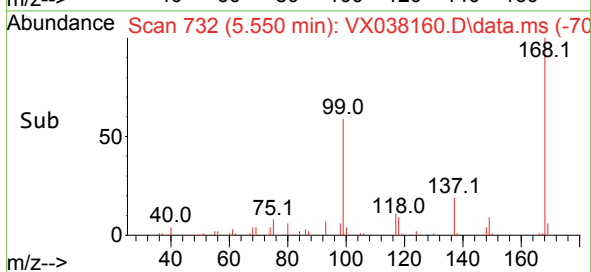
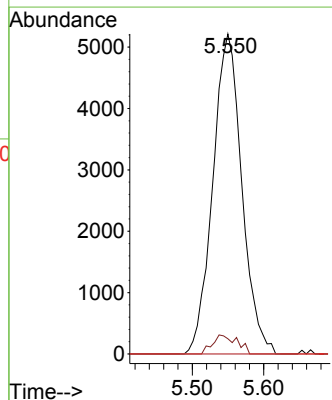
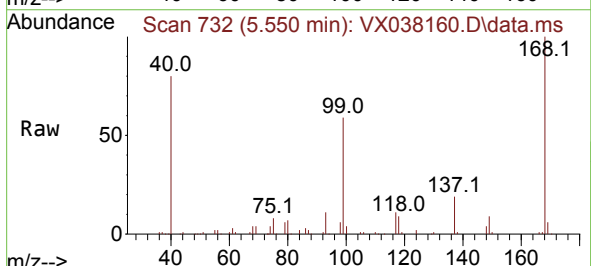
Tgt Ion: 117 Resp: 14701

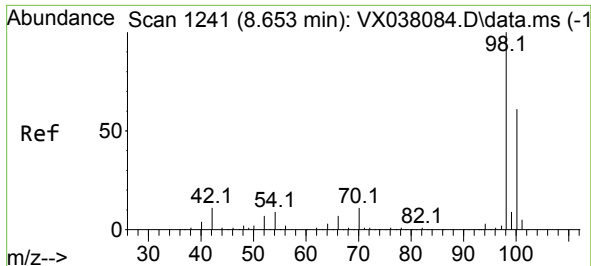
Ion Ratio Lower Upper

117 100

119 4.8 78.2 117.2#

121 0.0 24.4 36.6#

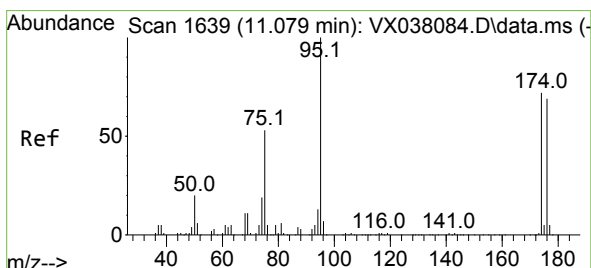
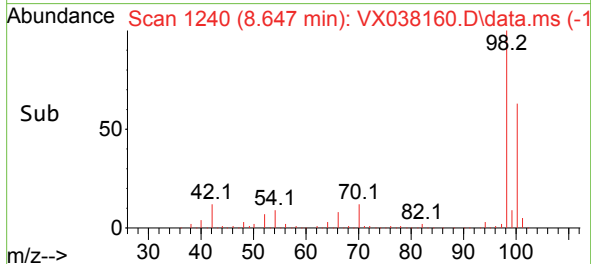
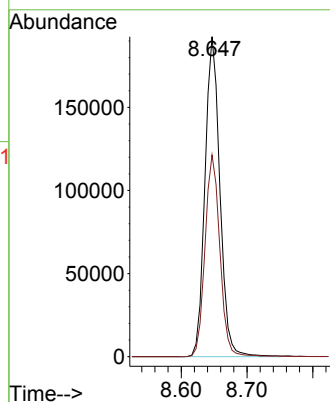
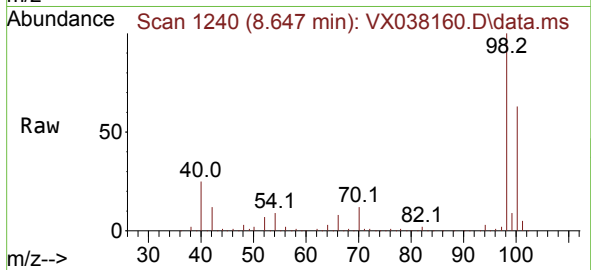




#50
Toluene-d8
Concen: 44.716 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038160.D
Acq: 09 Oct 2023 10:41

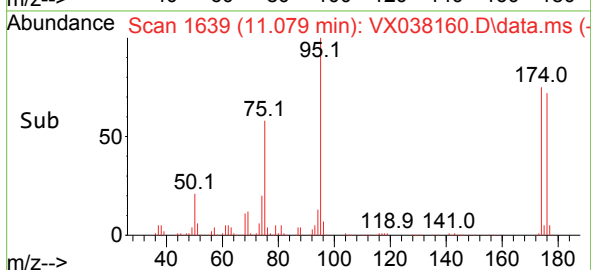
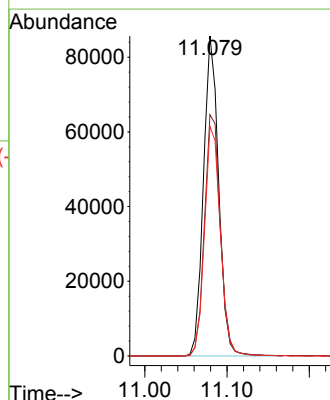
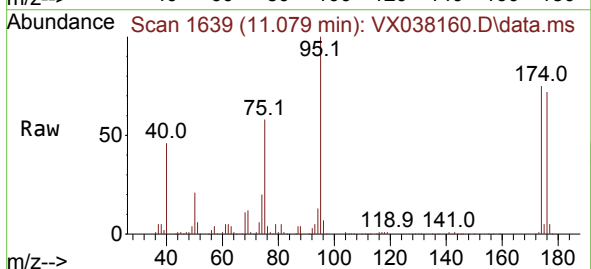
Instrument :
MSVOA_X
ClientSampleId :

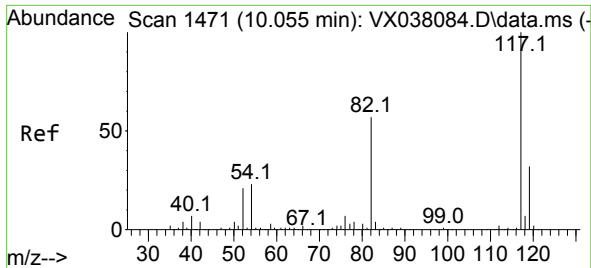
Tgt Ion: 98 Resp: 304321
Ion Ratio Lower Upper
98 100
100 62.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 42.698 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038160.D
Acq: 09 Oct 2023 10:41

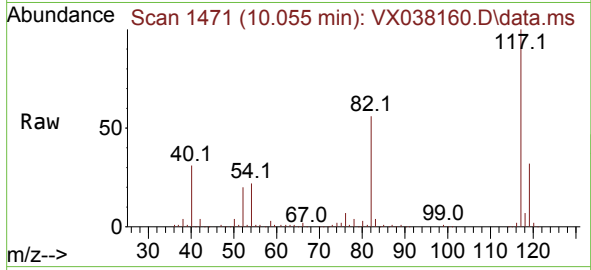
Tgt Ion: 95 Resp: 110164
Ion Ratio Lower Upper
95 100
174 78.8 0.0 135.6
176 74.6 0.0 131.0



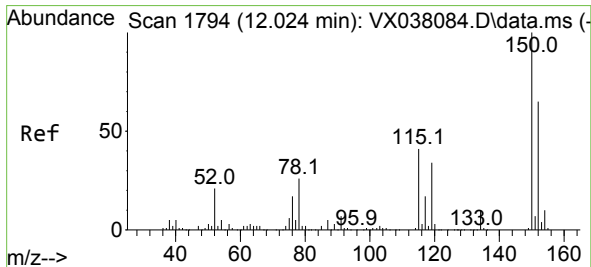
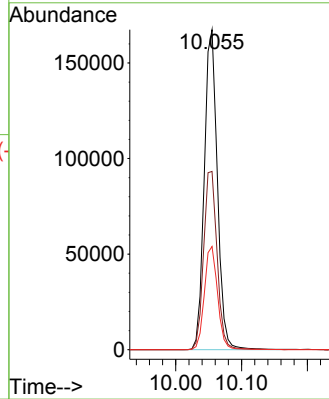
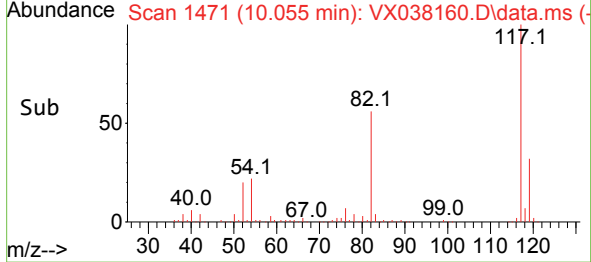


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038160.D
Acq: 09 Oct 2023 10:41

Instrument :
MSVOA_X
ClientSampleId :

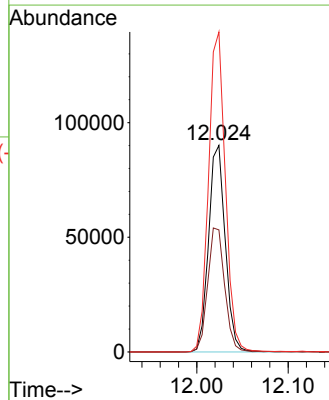
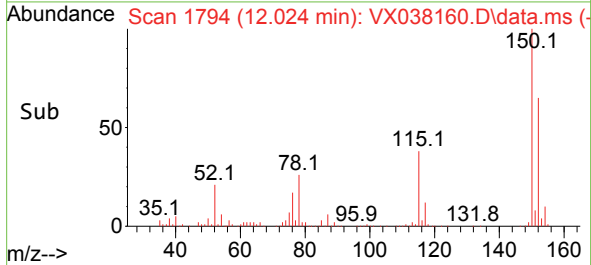
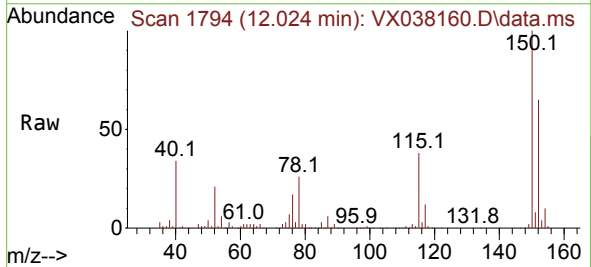


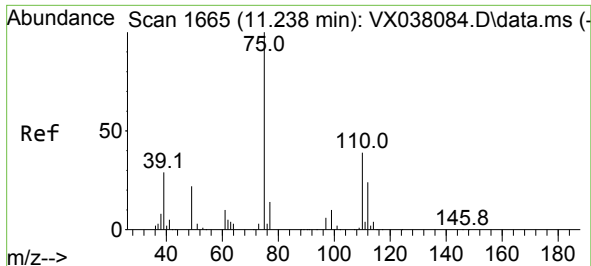
Tgt Ion:117 Resp: 232188
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038160.D
Acq: 09 Oct 2023 10:41

Tgt Ion:152 Resp: 114327
Ion Ratio Lower Upper
152 100
115 61.1 43.3 129.9
150 155.7 0.0 345.0

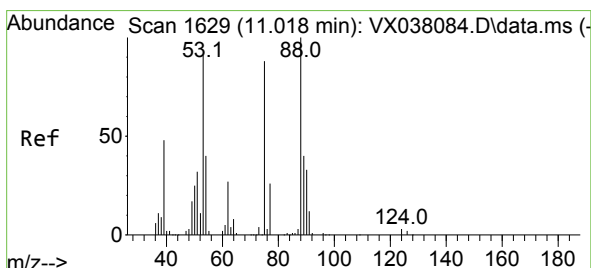
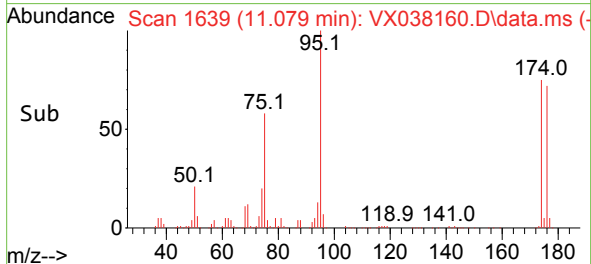
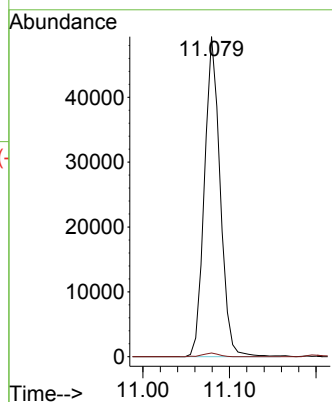
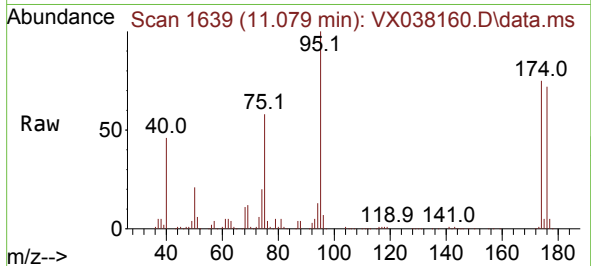




#76
1,2,3-Trichloropropane
Concen: 23.960 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038160.D
Acq: 09 Oct 2023 10:41

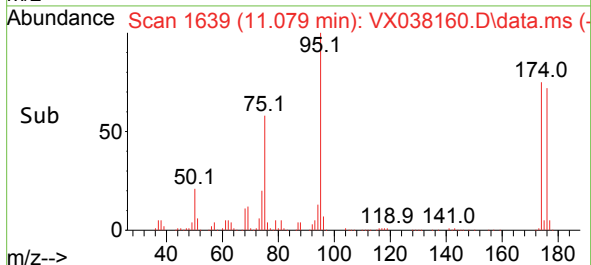
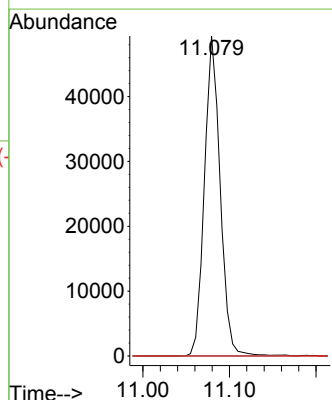
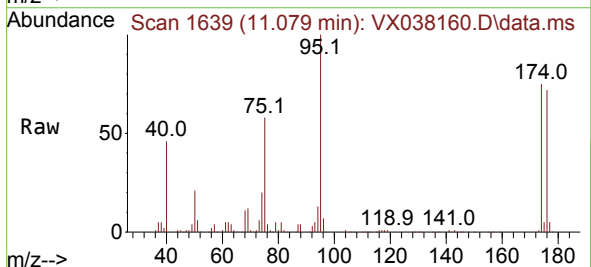
Instrument :
MSVOA_X
ClientSampleId :

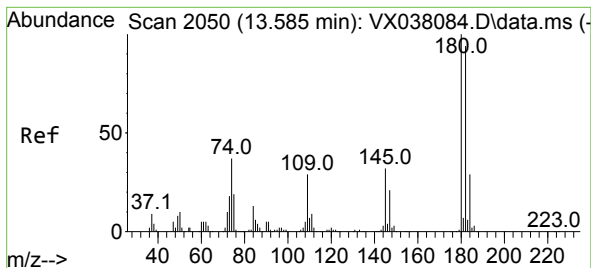
Tgt Ion: 75 Resp: 62275
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.352 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038160.D
Acq: 09 Oct 2023 10:41

Tgt Ion: 75 Resp: 62275
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.345 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

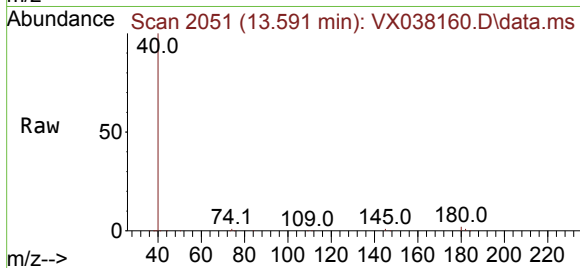
Lab File: VX038160.D

Acq: 09 Oct 2023 10:41

Instrument :

MSVOA_X

ClientSampleId :



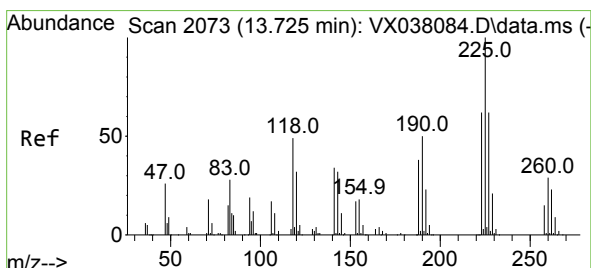
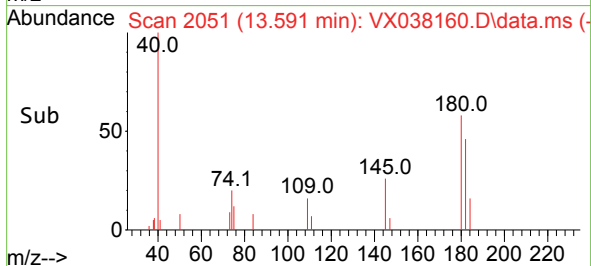
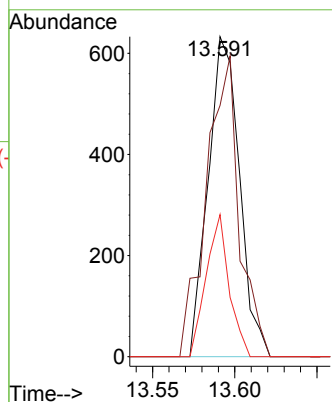
Tgt Ion:180 Resp: 837

Ion Ratio Lower Upper

180 100

182 98.3 48.3 144.8

145 32.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.554 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038160.D

Acq: 09 Oct 2023 10:41

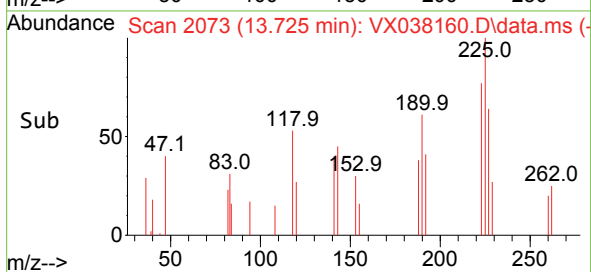
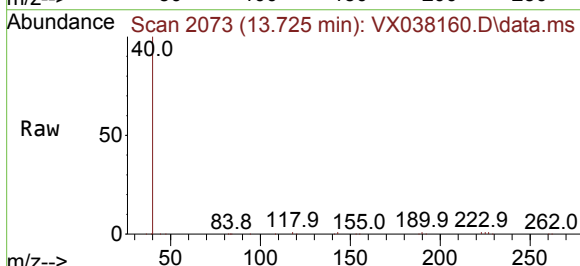
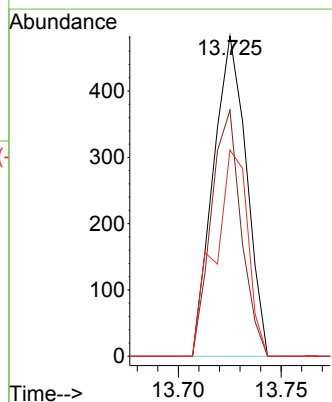
Tgt Ion:225 Resp: 540

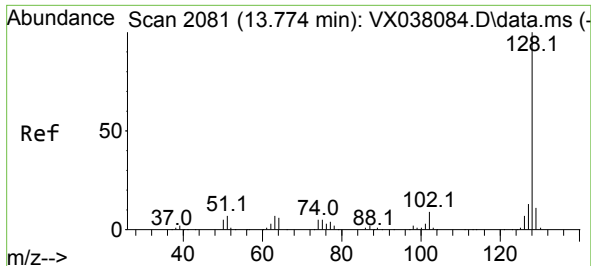
Ion Ratio Lower Upper

225 100

223 69.6 31.1 93.2

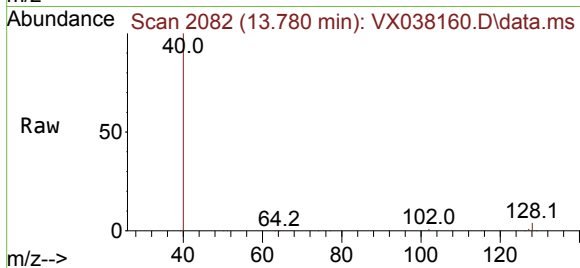
227 64.6 32.5 97.5



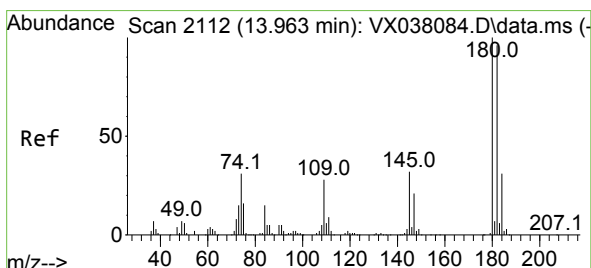
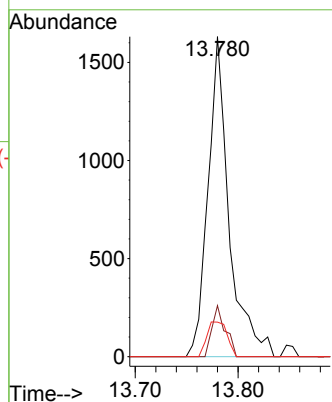


#95
Naphthalene
Concen: 0.275 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX038160.D
Acq: 09 Oct 2023 10:41

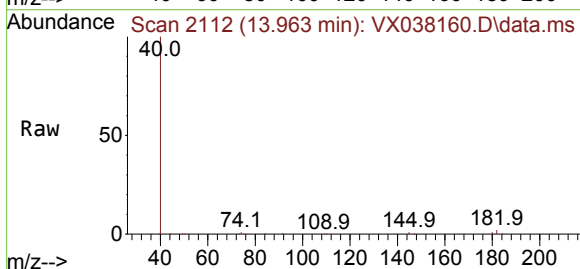
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 2322
Ion Ratio Lower Upper
128 100
127 10.1 10.3 15.5#
129 10.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.314 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038160.D
Acq: 09 Oct 2023 10:41



Tgt Ion:180 Resp: 737
Ion Ratio Lower Upper
180 100
182 105.7 46.9 140.6
145 39.3 17.8 53.5

