

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082124\
 Data File : VX043078.D
 Acq On : 21 Aug 2024 10:43
 Operator : JC/MD
 Sample : VX0821MBL02
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 22 03:28:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:22:11 2024
 Response via : Initial Calibration

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

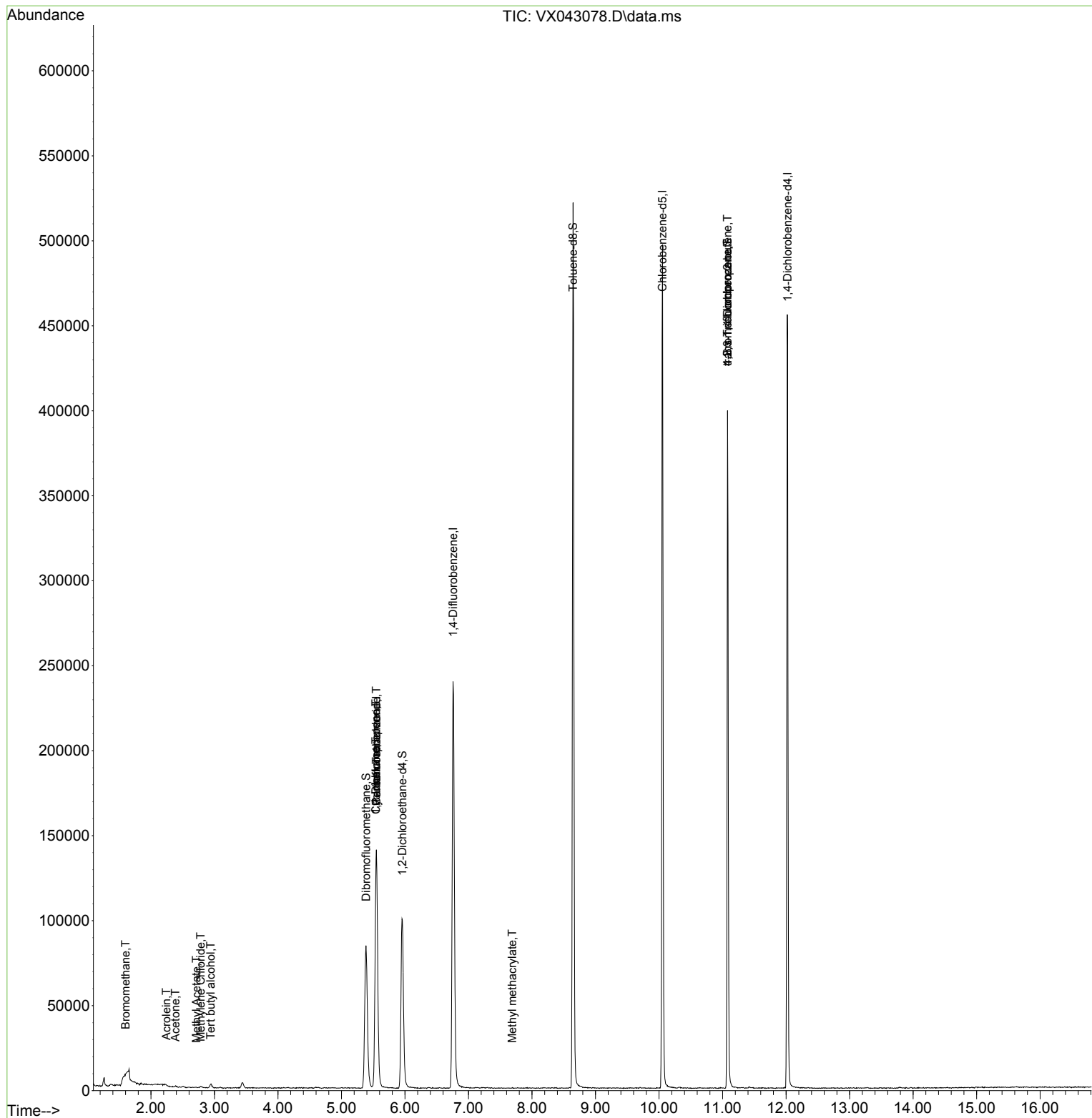
Internal Standards						
1) Pentafluorobenzene	5.550	168	130681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	248162	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96967	56.469	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.940%	
35) Dibromofluoromethane	5.385	113	77043	50.184	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.360%	
50) Toluene-d8	8.647	98	302522	51.047	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.100%	
62) 4-Bromofluorobenzene	11.079	95	111225	51.760	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.520%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	136	0.228	ug/l	84
11) Tert butyl alcohol	2.940	59	1144	2.582	ug/l #	78
13) Acrolein	2.239	56	499	1.114	ug/l #	37
16) Acetone	2.386	43	621	0.729	ug/l	99
18) Methyl Acetate	2.715	43	905	0.322	ug/l #	53
20) Methylene Chloride	2.782	84	551	0.280	ug/l #	87
31) Cyclohexane	5.544	56	3236	1.131	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11667	5.470	ug/l #	49
38) Carbon Tetrachloride	5.550	117	13255	6.146	ug/l #	16
48) Methyl methacrylate	7.690	41	98	0.449	ug/l #	50
76) 1,2,3-Trichloropropane	11.079	75	55373	25.687	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55373	56.028	ug/l #	5

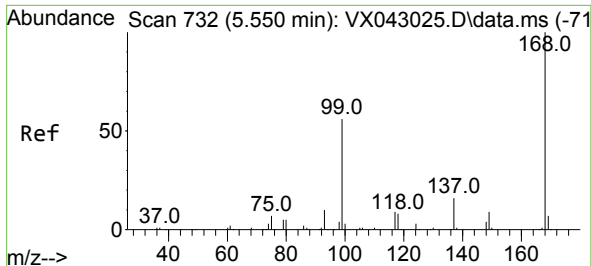
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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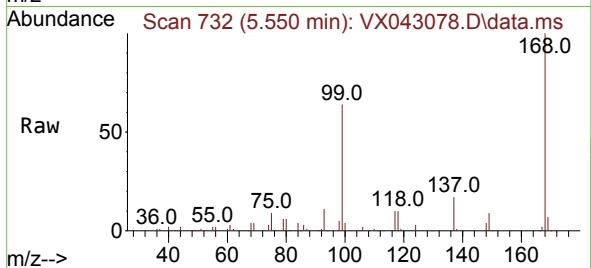
Quant Time: Aug 22 03:28:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 04:22:11 2024
Response via : Initial Calibration



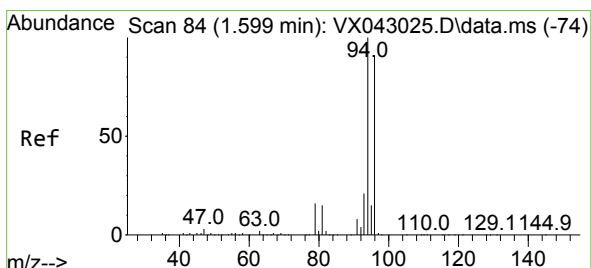
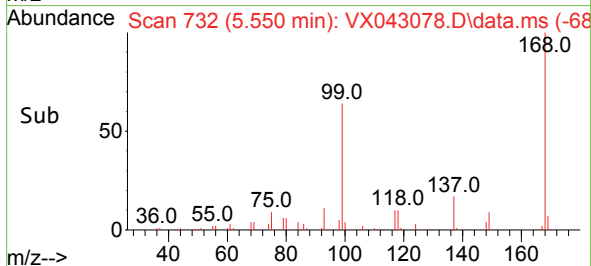
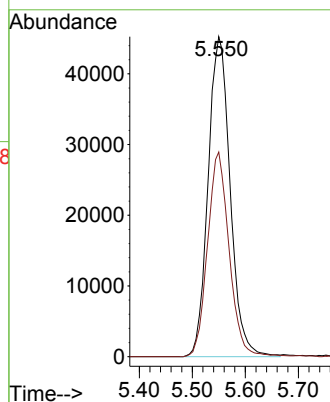


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043078.D
Acq: 21 Aug 2024 10:43

Instrument :
MSVOA_X
ClientSampleId :

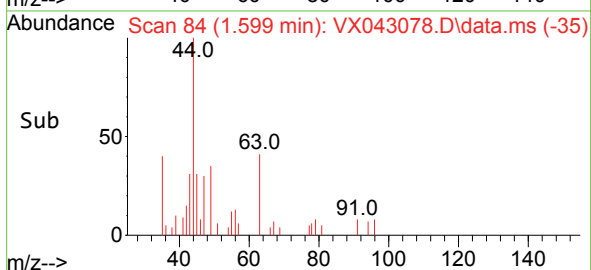
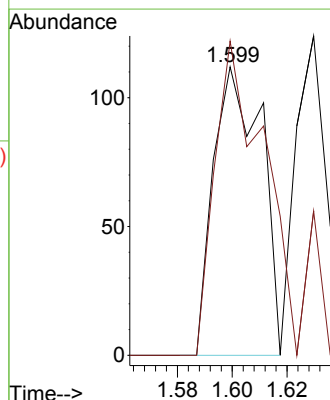
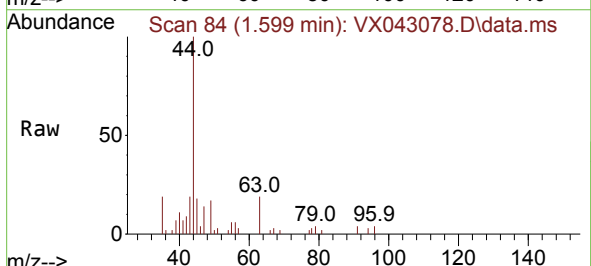


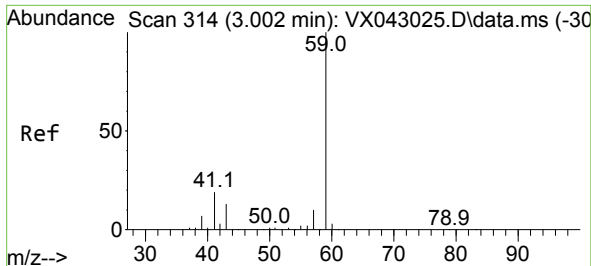
Tgt Ion:168 Resp: 130681
Ion Ratio Lower Upper
168 100
99 64.0 56.6 85.0



#5
Bromomethane
Concen: 0.228 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX043078.D
Acq: 21 Aug 2024 10:43

Tgt Ion: 94 Resp: 136
Ion Ratio Lower Upper
94 100
96 108.9 74.6 111.8





#11

Tert butyl alcohol

Concen: 2.582 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.061 min

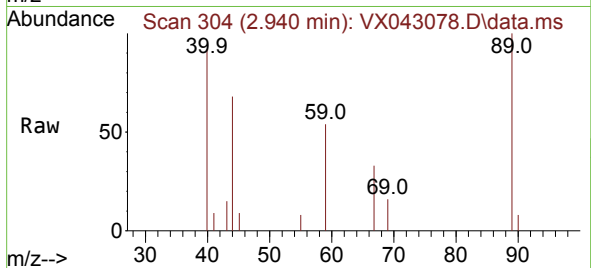
Lab File: VX043078.D

Acq: 21 Aug 2024 10:43

Instrument :

MSVOA_X

ClientSampleId :

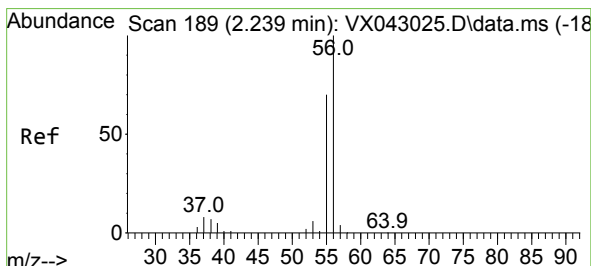
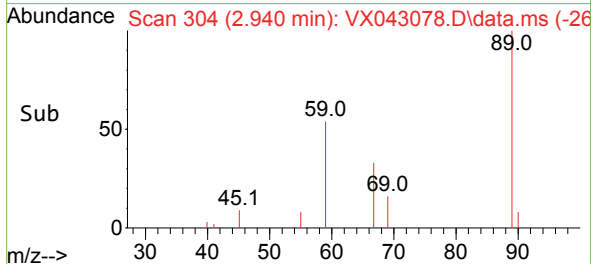
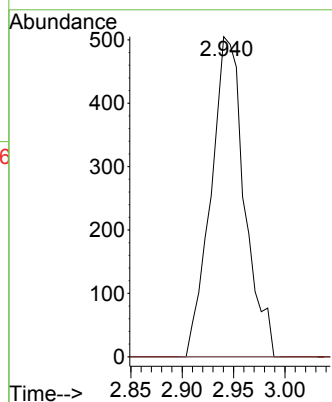


Tgt Ion: 59 Resp: 1144

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 1.114 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX043078.D

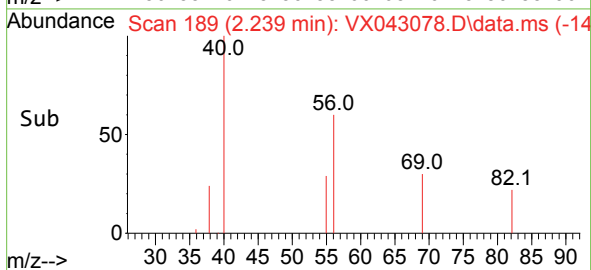
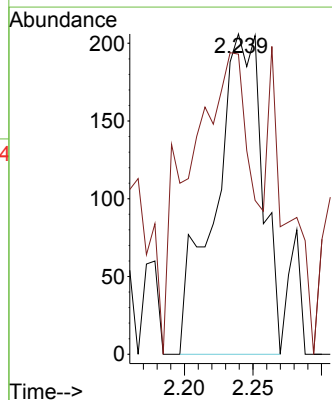
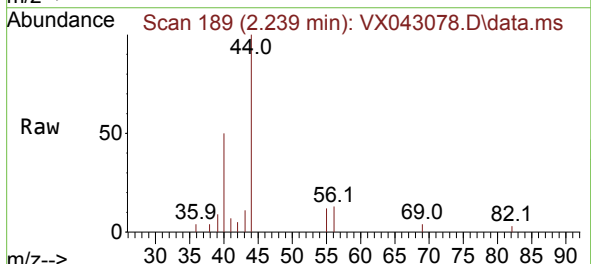
Acq: 21 Aug 2024 10:43

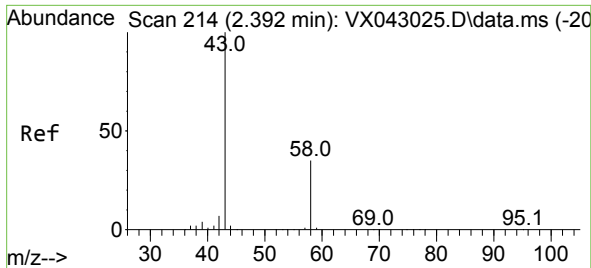
Tgt Ion: 56 Resp: 499

Ion Ratio Lower Upper

56 100

55 123.4 57.1 85.7#

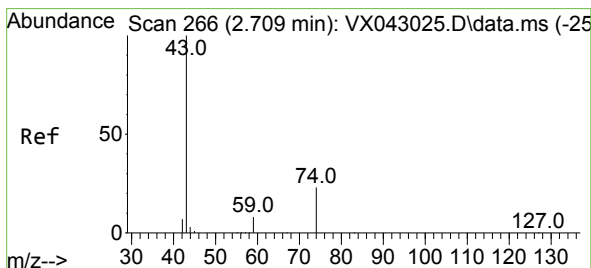
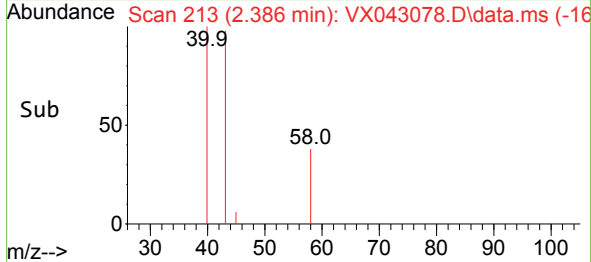
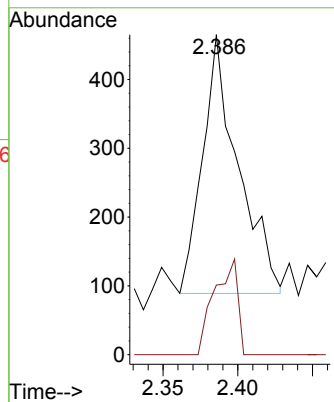
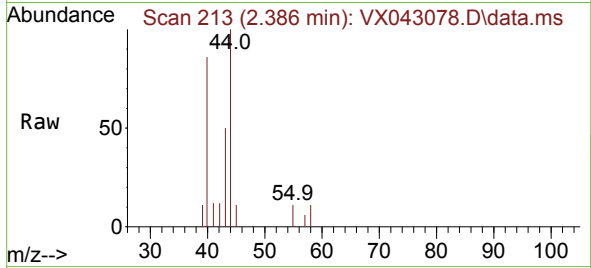




#16
Acetone
Concen: 0.729 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX043078.D
Acq: 21 Aug 2024 10:43

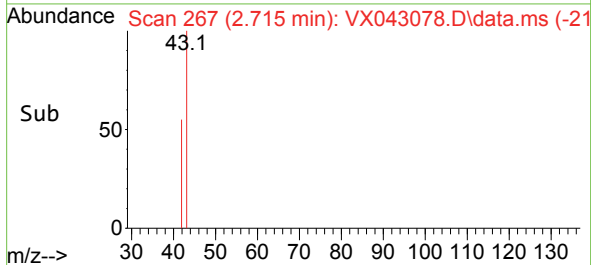
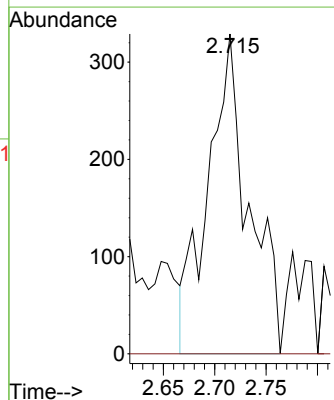
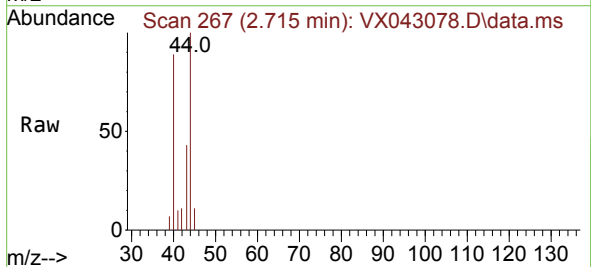
Instrument :
MSVOA_X
ClientSampleId :

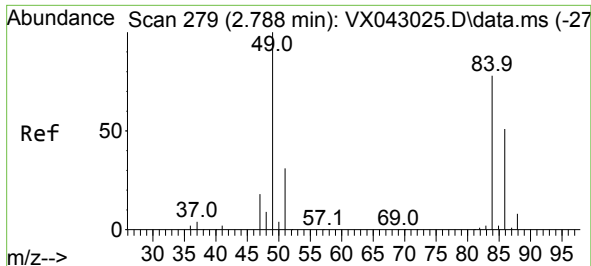
Tgt Ion: 43 Resp: 621
Ion Ratio Lower Upper
43 100
58 26.9 21.9 32.9



#18
Methyl Acetate
Concen: 0.322 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX043078.D
Acq: 21 Aug 2024 10:43

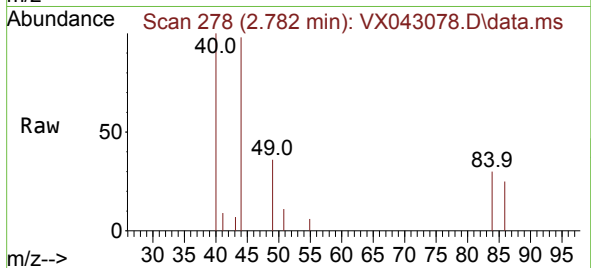
Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



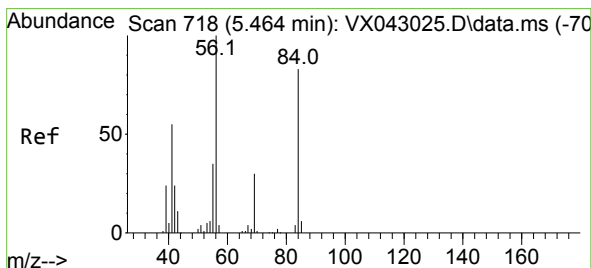
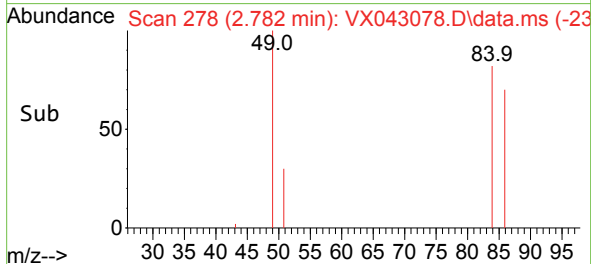
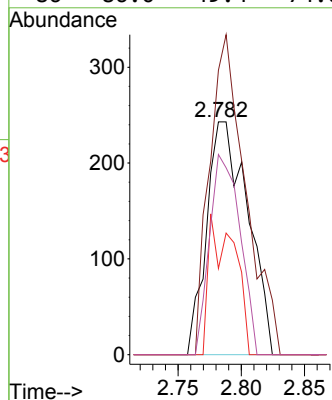


#20
Methylene Chloride
Concen: 0.280 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX043078.D
Acq: 21 Aug 2024 10:43

Instrument :
MSVOA_X
ClientSampleId :

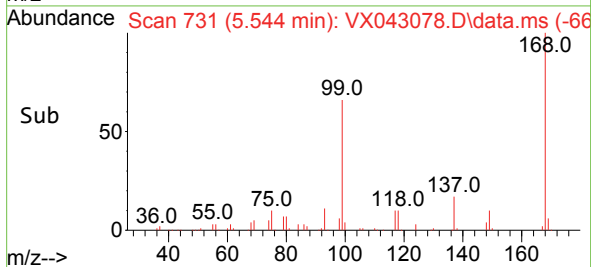
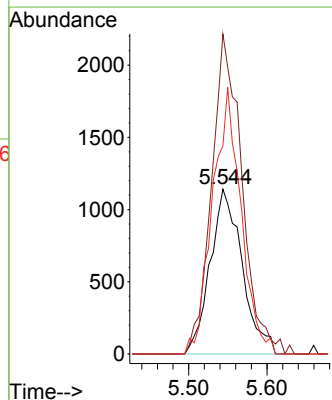
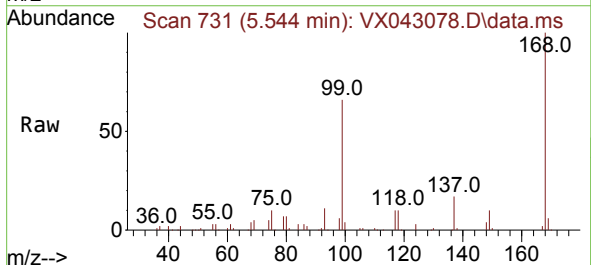


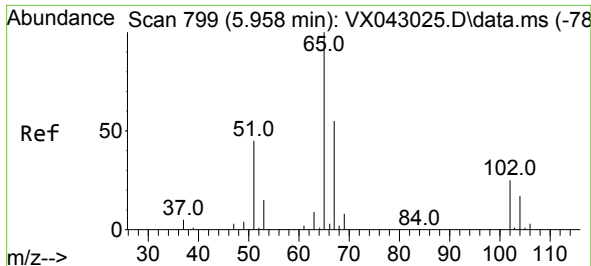
Tgt Ion:	84	Resp:	551
Ion	Ratio	Lower	Upper
84	100		
49	122.2	103.6	155.4
51	37.0	33.8	50.6
86	86.0	49.4	74.0#



#31
Cyclohexane
Concen: 1.131 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX043078.D
Acq: 21 Aug 2024 10:43

Tgt Ion:	56	Resp:	3236
Ion	Ratio	Lower	Upper
56	100		
69	194.2	23.4	35.2#
84	126.5	65.9	98.9#

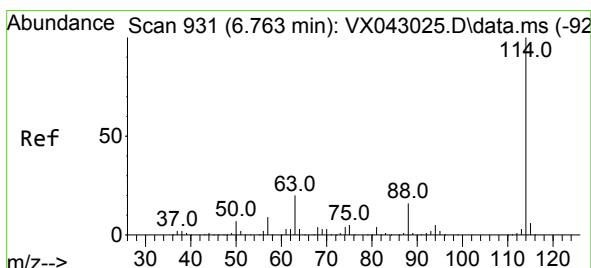
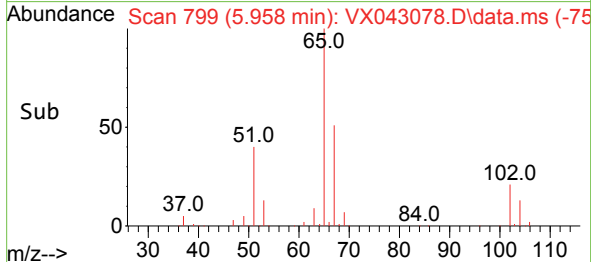
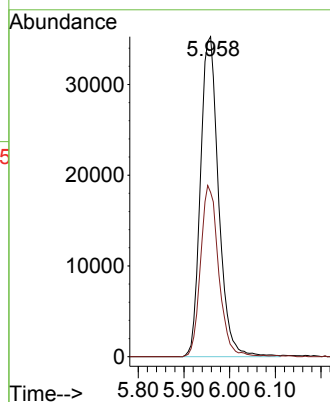
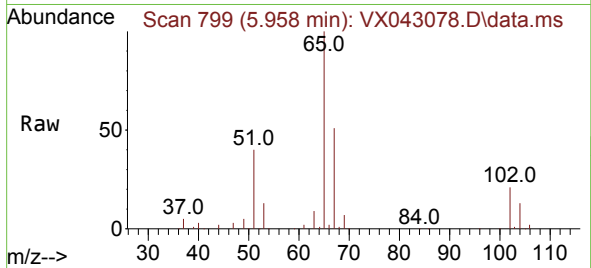




#33
 1,2-Dichloroethane-d4
 Concen: 56.469 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX043078.D
 Acq: 21 Aug 2024 10:43

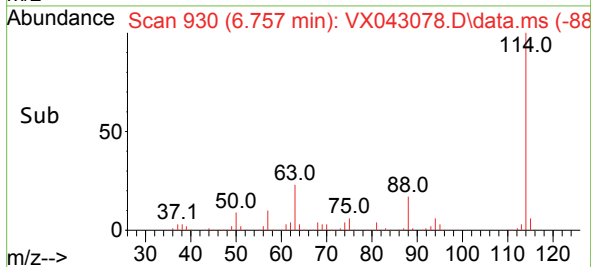
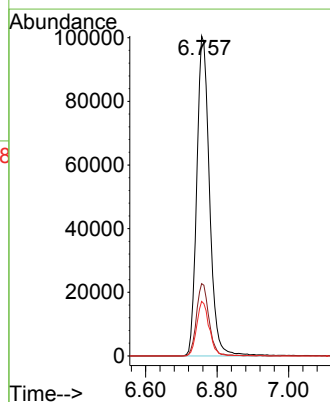
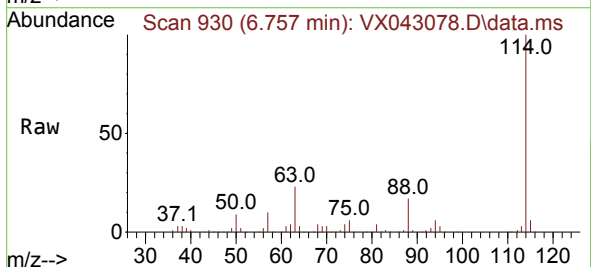
Instrument :
 MSVOA_X
 ClientSampleId :

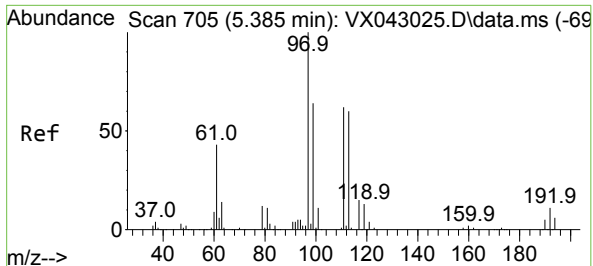
Tgt Ion: 65 Resp: 96967
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX043078.D
 Acq: 21 Aug 2024 10:43

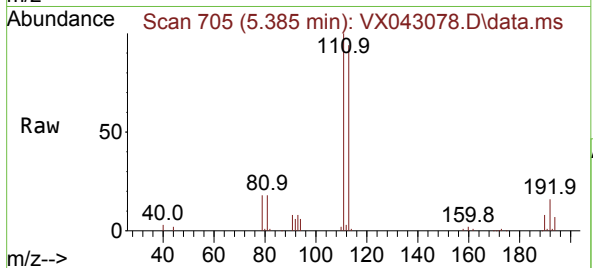
Tgt Ion: 114 Resp: 248162
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 17.1 0.0 36.6



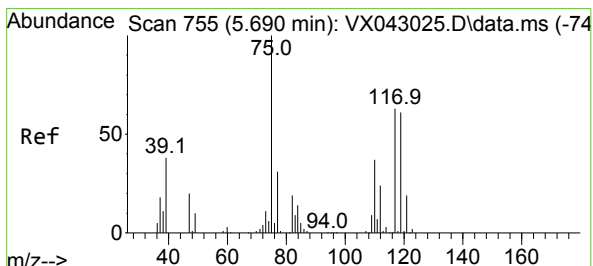
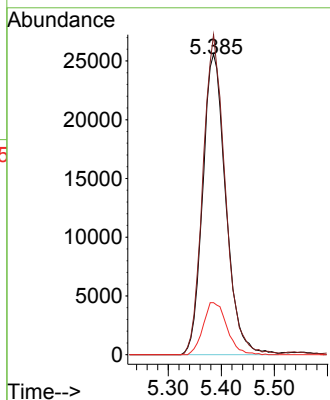
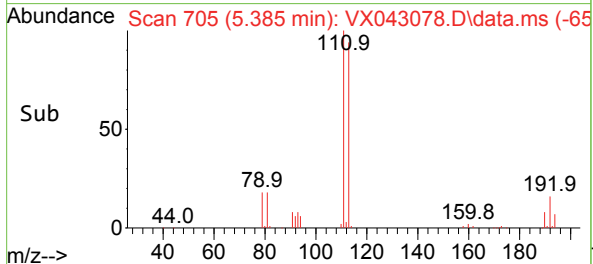


#35
Dibromofluoromethane
Concen: 50.184 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043078.D
Acq: 21 Aug 2024 10:43

Instrument :
MSVOA_X
ClientSampleId :

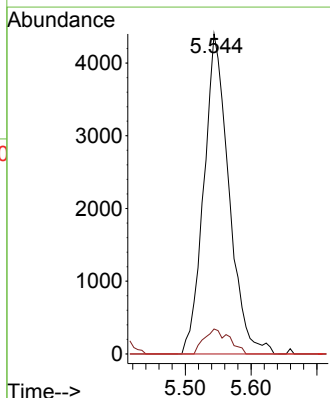
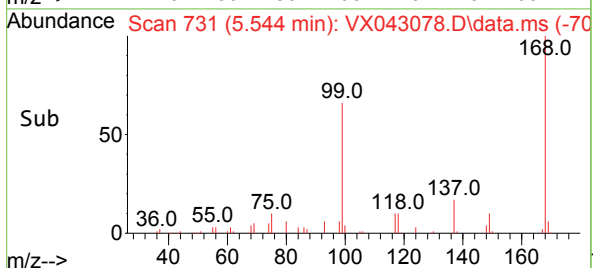
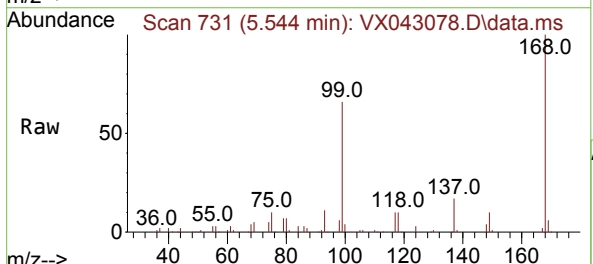


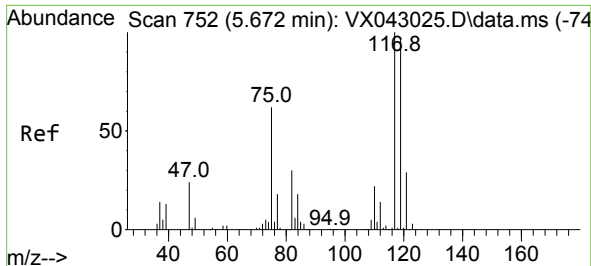
Tgt Ion:113 Resp: 77043
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 17.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.470 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX043078.D
Acq: 21 Aug 2024 10:43

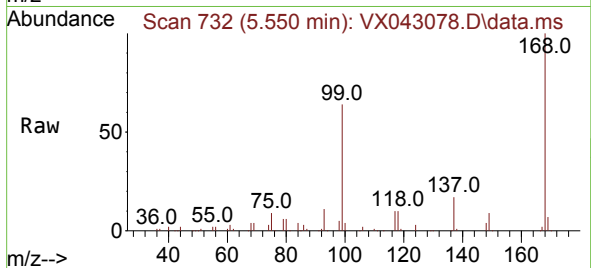
Tgt Ion: 75 Resp: 11667
Ion Ratio Lower Upper
75 100
110 7.9 17.0 50.9#
77 0.0 24.7 37.1#



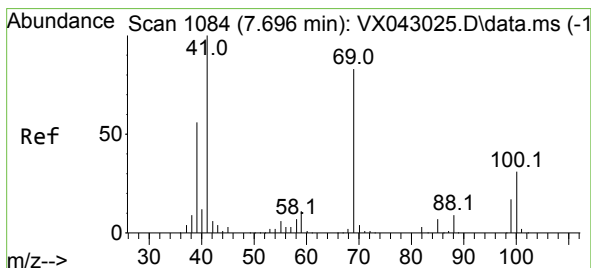
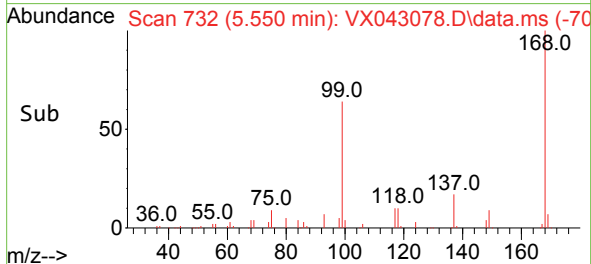
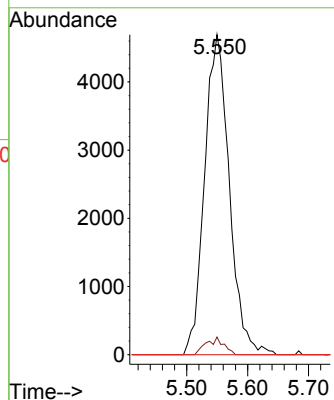


#38
Carbon Tetrachloride
Concen: 6.146 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043078.D
Acq: 21 Aug 2024 10:43

Instrument :
MSVOA_X
ClientSampleId :

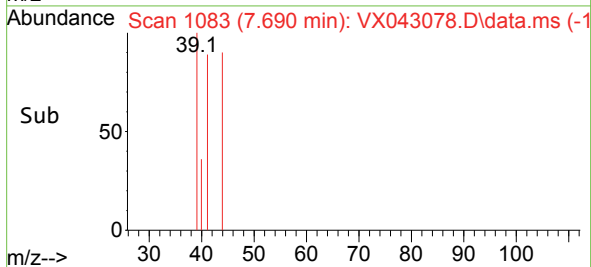
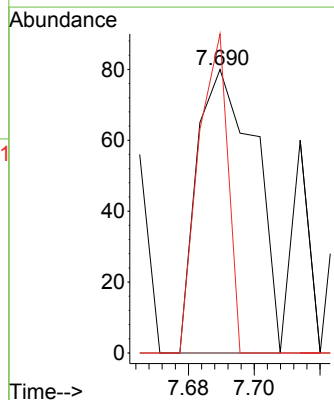
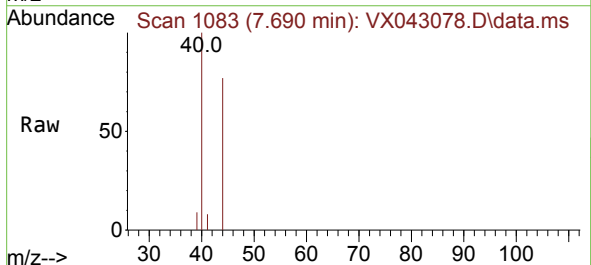


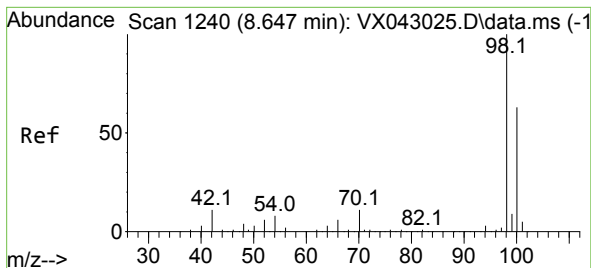
Tgt Ion:117 Resp: 13255
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#



#48
Methyl methacrylate
Concen: 0.449 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX043078.D
Acq: 21 Aug 2024 10:43

Tgt Ion: 41 Resp: 98
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 57.1 47.7 71.5





#50

Toluene-d8

Concen: 51.047 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043078.D

Acq: 21 Aug 2024 10:43

Instrument :

MSVOA_X

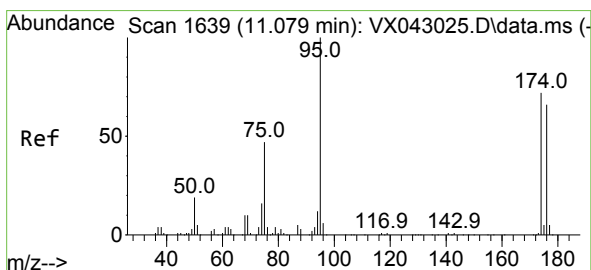
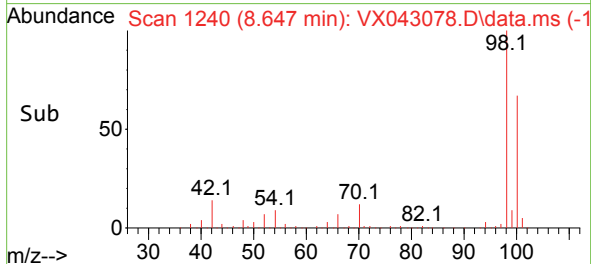
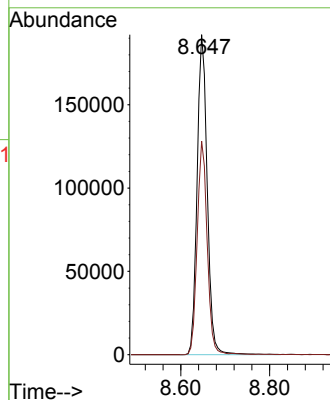
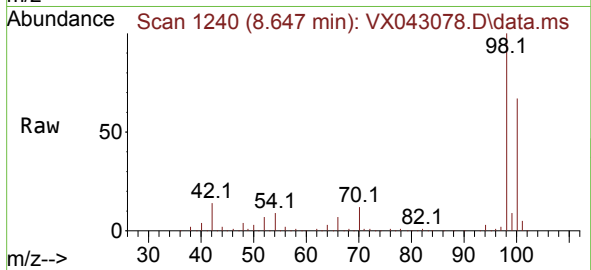
ClientSampleId :

Tgt Ion: 98 Resp: 302522

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 51.760 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043078.D

Acq: 21 Aug 2024 10:43

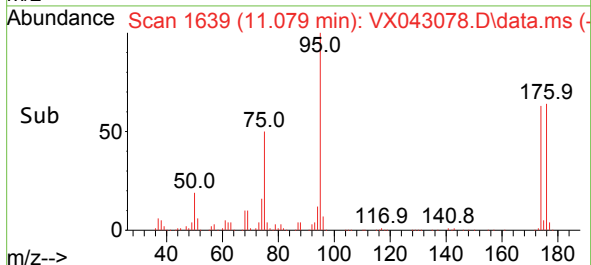
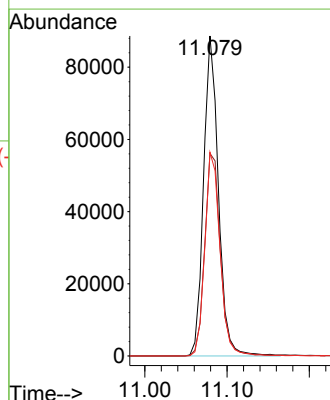
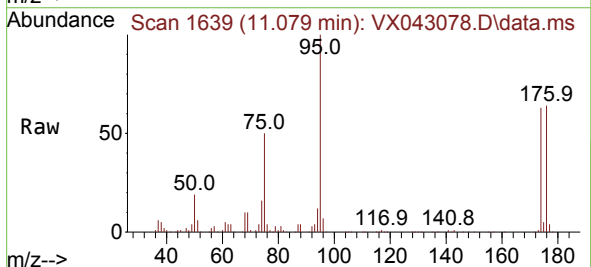
Tgt Ion: 95 Resp: 111225

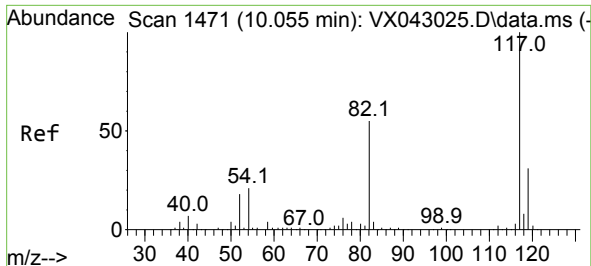
Ion Ratio Lower Upper

95 100

174 67.4 0.0 135.6

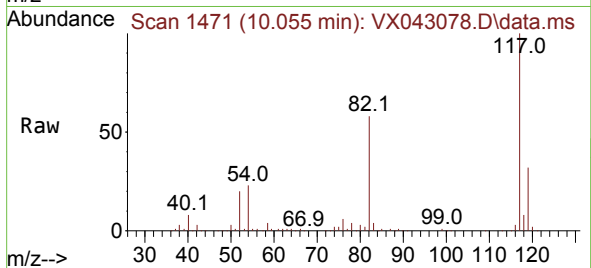
176 65.4 0.0 131.0



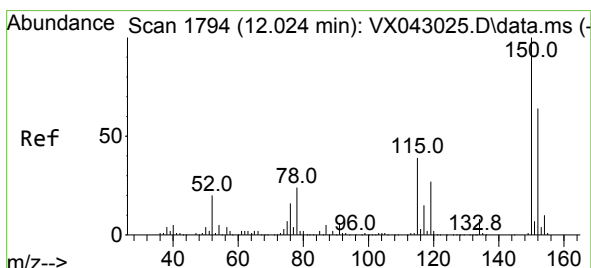
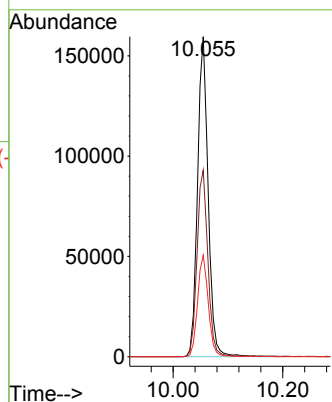
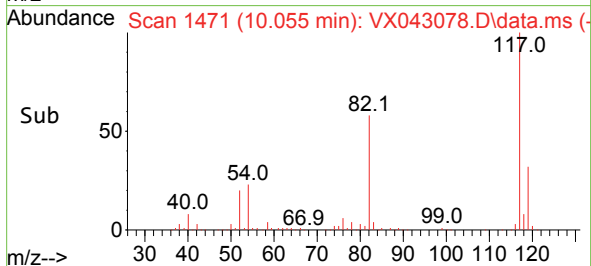


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043078.D
Acq: 21 Aug 2024 10:43

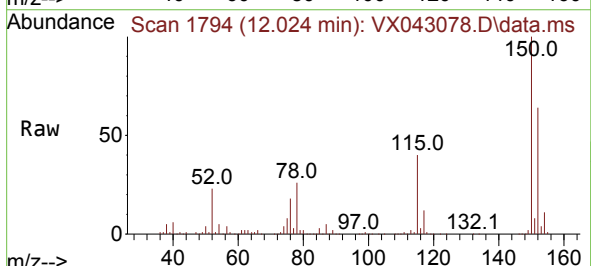
Instrument :
MSVOA_X
ClientSampleId :



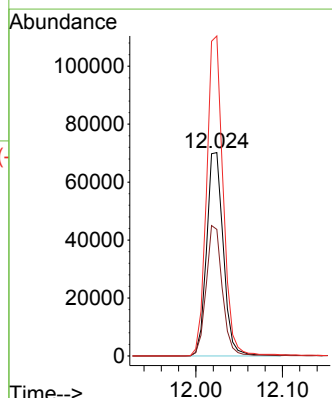
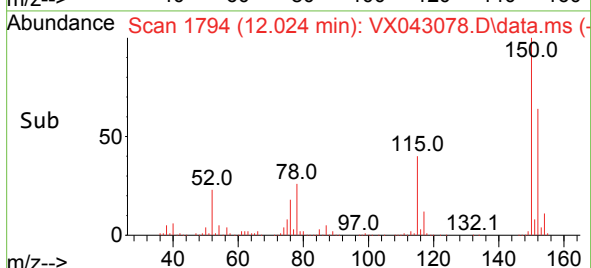
Tgt Ion:117 Resp: 215399
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.4
119 31.7 25.5 38.3

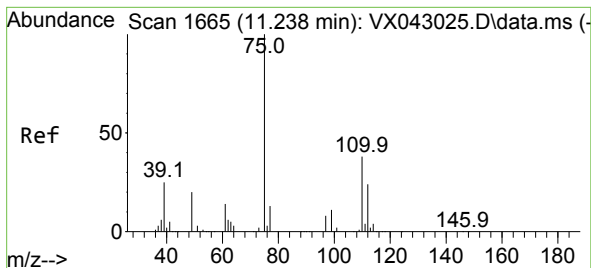


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX043078.D
Acq: 21 Aug 2024 10:43



Tgt Ion:152 Resp: 94060
Ion Ratio Lower Upper
152 100
115 62.6 43.3 129.9
150 156.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.687 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043078.D

Acq: 21 Aug 2024 10:43

Instrument :

MSVOA_X

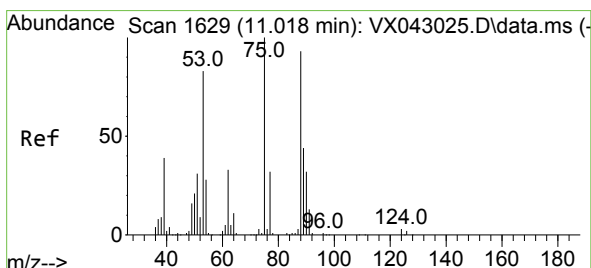
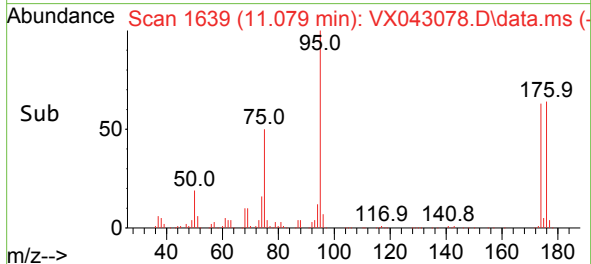
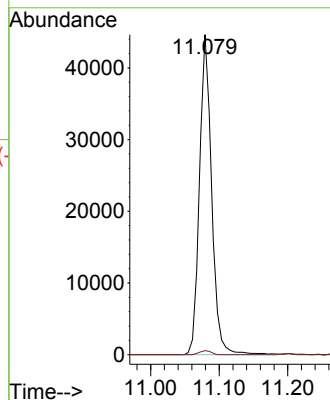
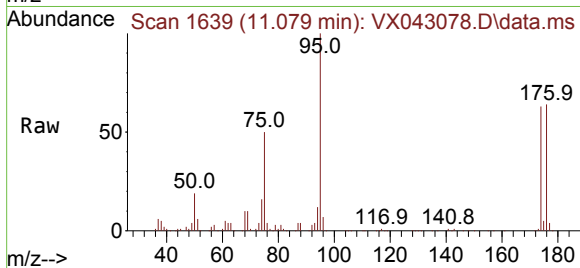
ClientSampleId :

Tgt Ion: 75 Resp: 55373

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 56.028 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043078.D

Acq: 21 Aug 2024 10:43

Tgt Ion: 75 Resp: 55373

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

