

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020524\
 Data File : VX040119.D
 Acq On : 05 Feb 2024 16:26
 Operator : JC/MD
 Sample : P1318-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CO-11-GRID-1

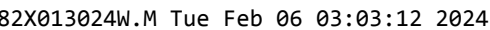
Quant Time: Feb 06 03:03:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

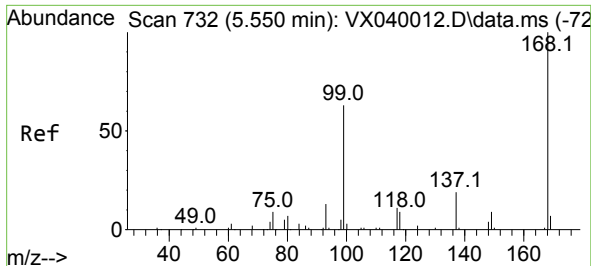
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	91851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	161207	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65250	44.141	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.280%
35) Dibromofluoromethane	5.385	113	51449	46.883	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.760%
50) Toluene-d8	8.647	98	207098	50.463	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.920%
62) 4-Bromofluorobenzene	11.079	95	79861	50.538	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.080%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	341	1.271	ug/l #	95
16) Acetone	2.380	43	31406	45.344	ug/l	98
18) Methyl Acetate	2.709	43	1134	0.691	ug/l #	83
20) Methylene Chloride	2.788	84	7991	6.492	ug/l	94
25) 2-Butanone	4.574	43	3908	4.059	ug/l #	82
29) Tetrahydrofuran	5.019	42	208	0.340	ug/l #	34
31) Cyclohexane	5.556	56	2645	1.428	ug/l #	36
36) 1,1-Dichloropropene	5.550	75	8071	5.085	ug/l #	51
37) Ethyl Acetate	4.727	43	2713	1.565	ug/l #	94
38) Carbon Tetrachloride	5.550	117	10101	6.652	ug/l #	15
43) Isopropyl Acetate	6.342	43	62342	22.808	ug/l	100
48) Methyl methacrylate	7.793	41	40079	29.766	ug/l #	48
51) 4-Methyl-2-Pentanone	8.549	43	42767	22.921	ug/l #	45
54) cis-1,3-Dichloropropene	8.549	75	15934	8.824	ug/l #	66
57) 1,3-Dichloropropane	9.482	76	1812	0.922	ug/l #	42
59) 2-Hexanone	9.372	43	58898	39.590	ug/l #	26
74) N-amyl acetate	10.787	43	465	0.503	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	42477	42.508	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	42477	113.912	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	936	0.324	ug/l	90
95) Naphthalene	13.780	128	1311	0.408	ug/l #	94

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

Quant Time: Feb 06 03:03:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:44:39 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: VX040119.D

Acq: 05 Feb 2024 16:26

Instrument :

MSVOA_X

ClientSampleId :

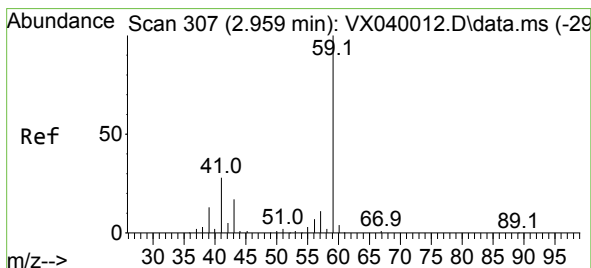
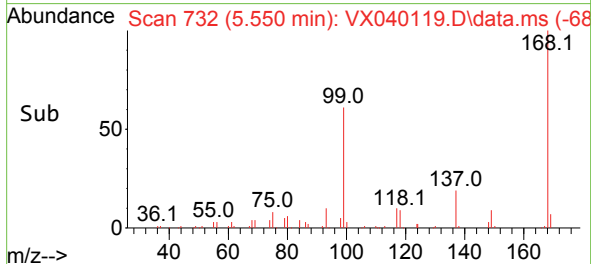
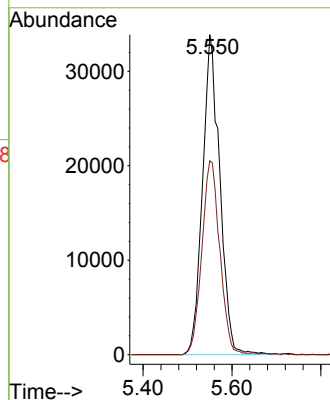
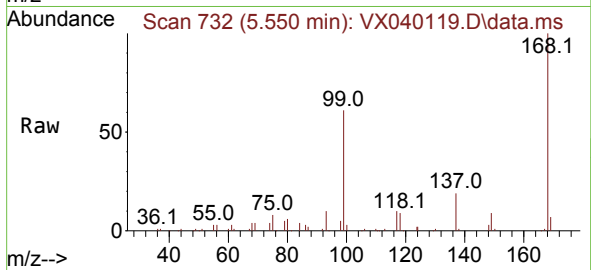
CO-11-GRID-1

Tgt Ion:168 Resp: 91851

Ion Ratio Lower Upper

168 100

99 60.6 56.6 85.0



#11

Tert butyl alcohol

Concen: 1.271 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.018 min

Lab File: VX040119.D

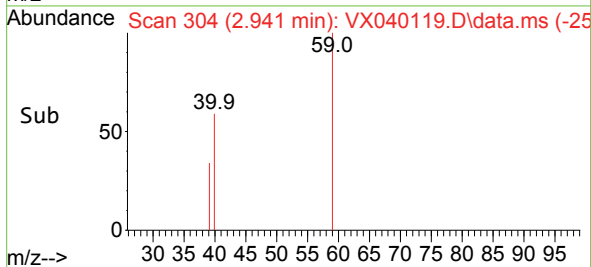
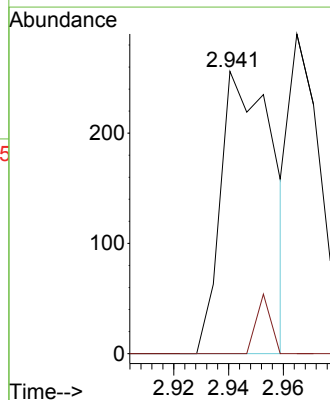
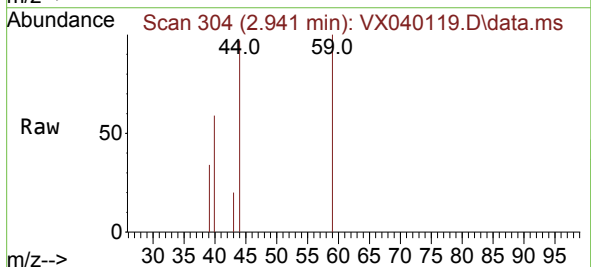
Acq: 05 Feb 2024 16:26

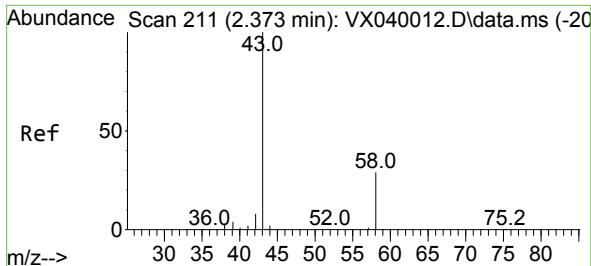
Tgt Ion: 59 Resp: 341

Ion Ratio Lower Upper

59 100

57 5.9 6.0 9.0#

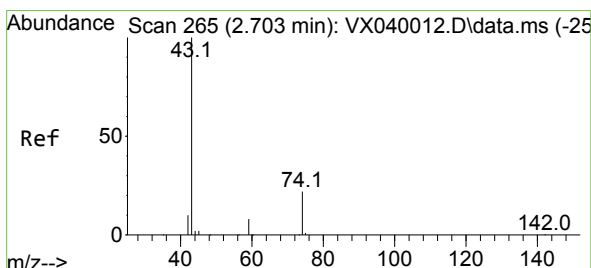
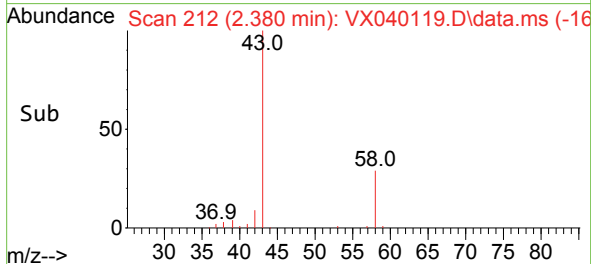
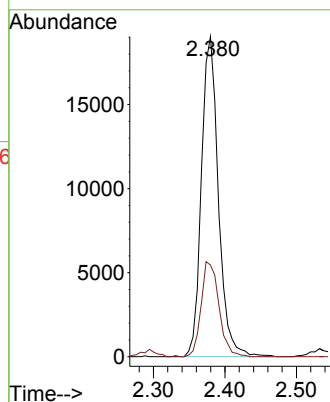
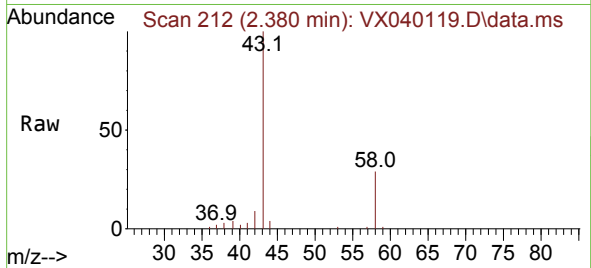




#16
Acetone
Concen: 45.344 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040119.D
Acq: 05 Feb 2024 16:26

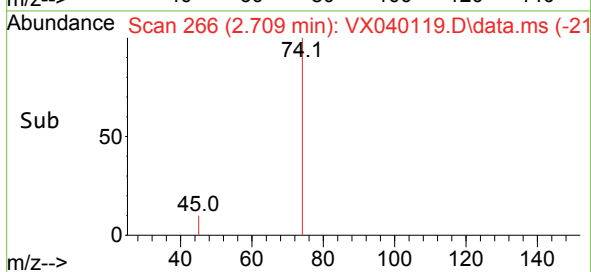
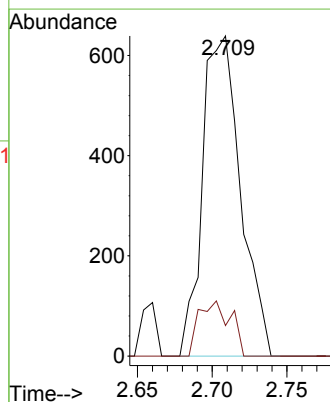
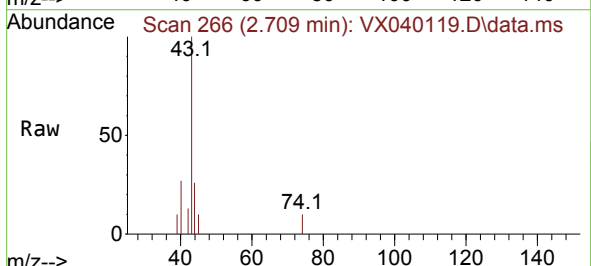
Instrument :
MSVOA_X
ClientSampleId :
CO-11-GRID-1

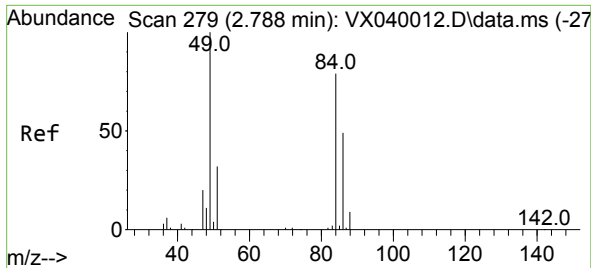
Tgt Ion: 43 Resp: 31406
Ion Ratio Lower Upper
43 100
58 28.6 21.9 32.9



#18
Methyl Acetate
Concen: 0.691 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX040119.D
Acq: 05 Feb 2024 16:26

Tgt Ion: 43 Resp: 1134
Ion Ratio Lower Upper
43 100
74 14.3 17.8 26.8#

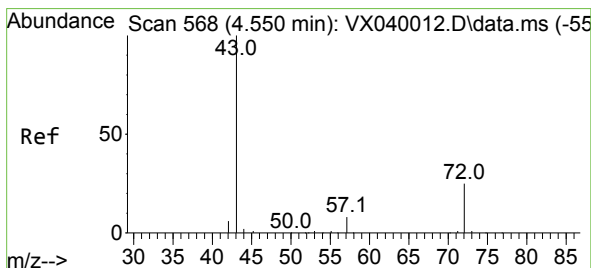
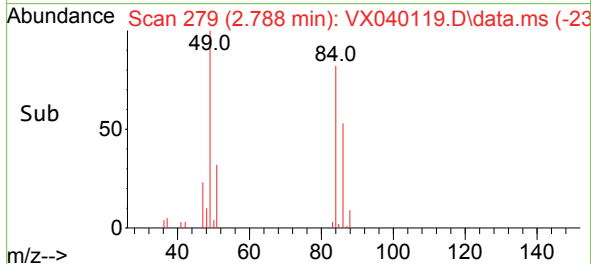
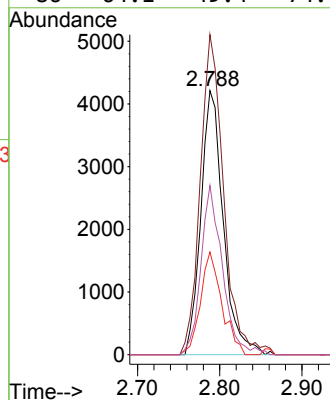
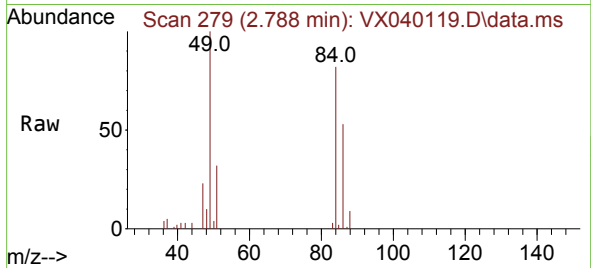




#20
Methylene Chloride
Concen: 6.492 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040119.D
Acq: 05 Feb 2024 16:26

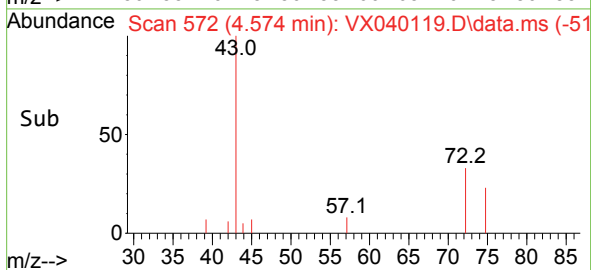
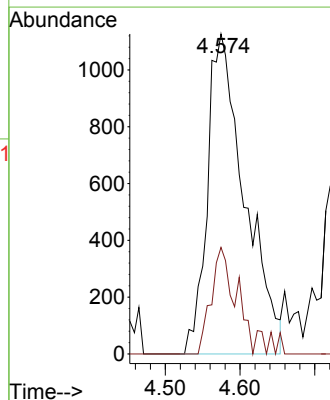
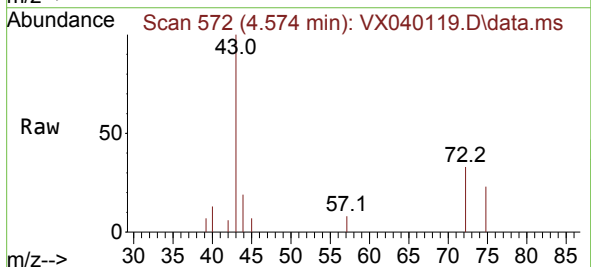
Instrument :
MSVOA_X
ClientSampleId :
CO-11-GRID-1

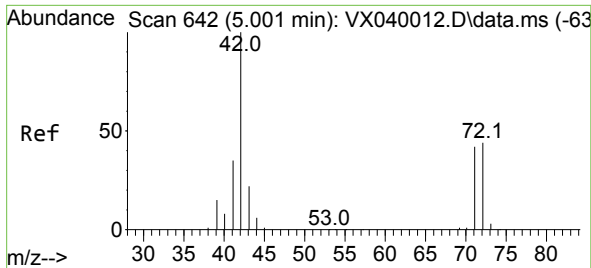
Tgt Ion: 84	Resp: 7991
Ion Ratio	Lower Upper
84 100	
49 121.2	103.6 155.4
51 38.9	33.8 50.6
86 64.1	49.4 74.0



#25
2-Butanone
Concen: 4.059 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.024 min
Lab File: VX040119.D
Acq: 05 Feb 2024 16:26

Tgt Ion: 43	Resp: 3908
Ion Ratio	Lower Upper
43 100	
72 33.3	19.4 29.2#





#29

Tetrahydrofuran

Concen: 0.340 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX040119.D

Acq: 05 Feb 2024 16:26

Instrument :

MSVOA_X

ClientSampleId :

CO-11-GRID-1

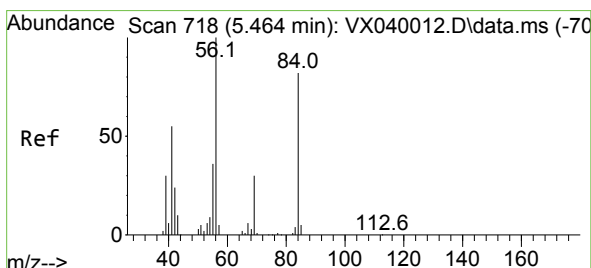
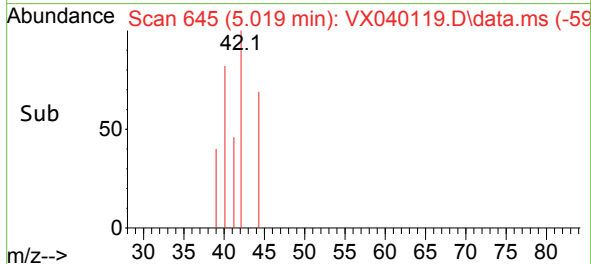
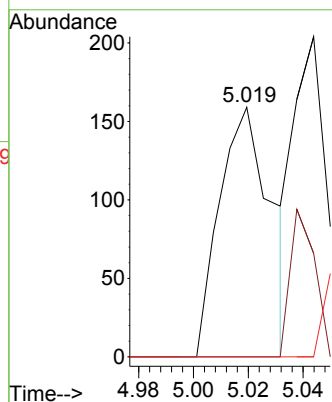
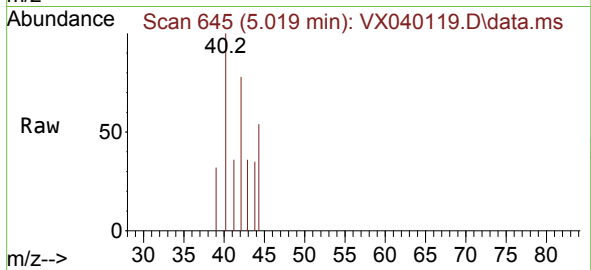
Tgt Ion: 42 Resp: 208

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.428 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.091 min

Lab File: VX040119.D

Acq: 05 Feb 2024 16:26

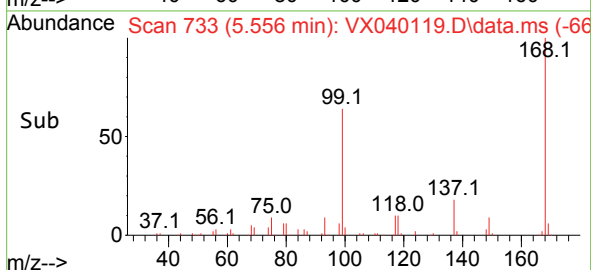
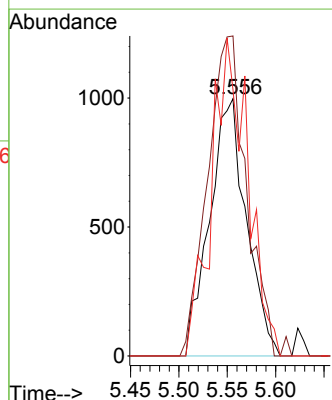
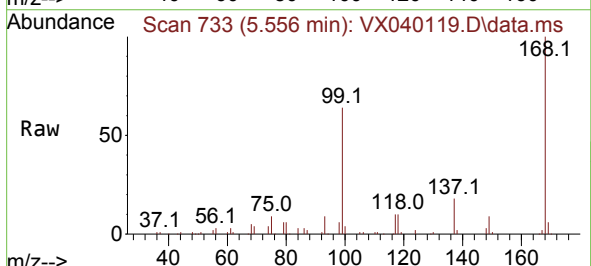
Tgt Ion: 56 Resp: 2645

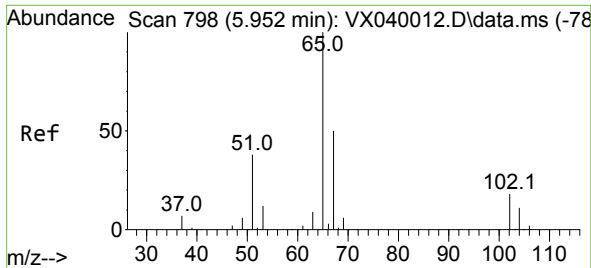
Ion Ratio Lower Upper

56 100

69 124.3 23.4 35.2#

84 103.4 65.9 98.9#

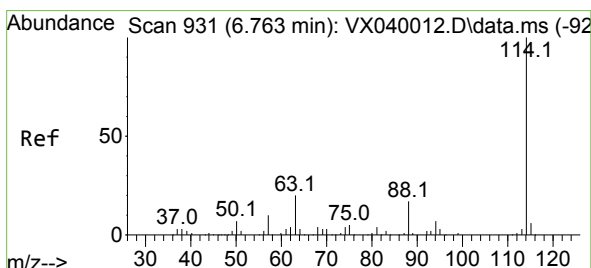
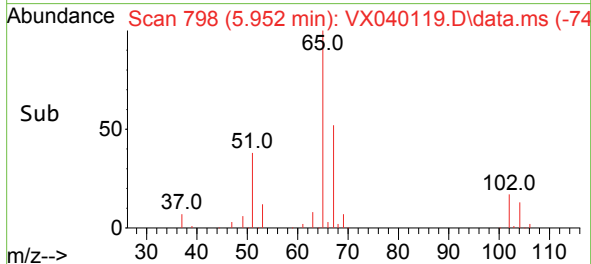
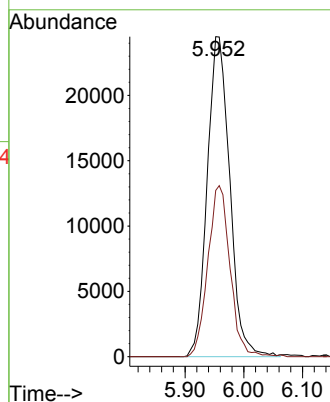
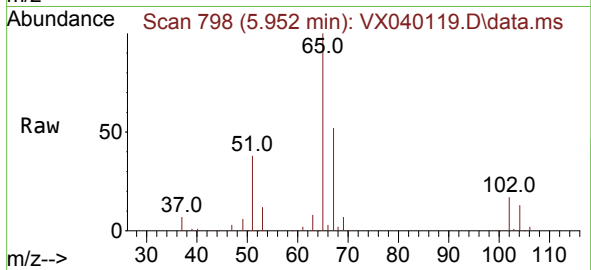




#33
1,2-Dichloroethane-d4
Concen: 44.141 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040119.D
Acq: 05 Feb 2024 16:26

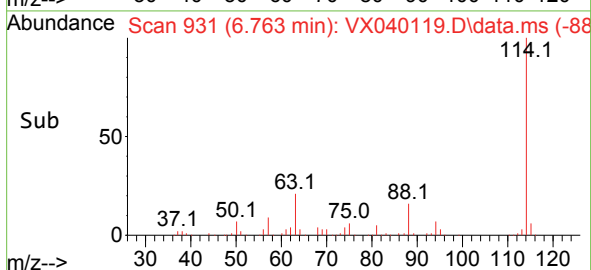
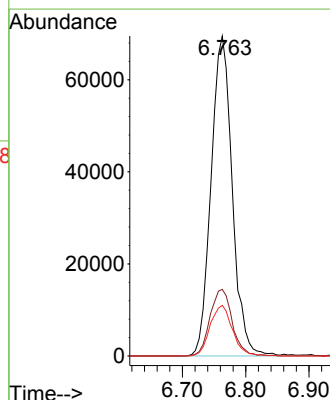
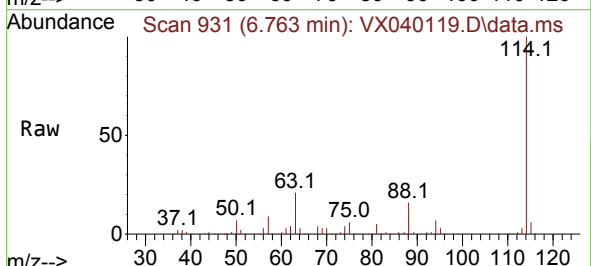
Instrument :
MSVOA_X
ClientSampleId :
CO-11-GRID-1

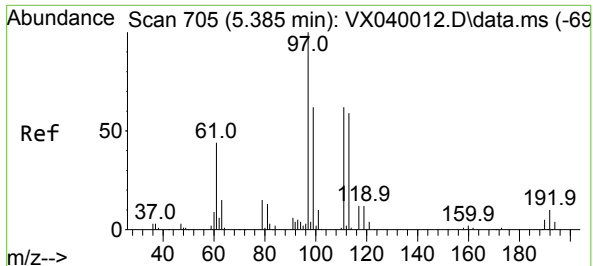
Tgt Ion: 65 Resp: 65250
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX040119.D
Acq: 05 Feb 2024 16:26

Tgt Ion: 114 Resp: 161207
Ion Ratio Lower Upper
114 100
63 20.8 0.0 45.0
88 15.8 0.0 36.6

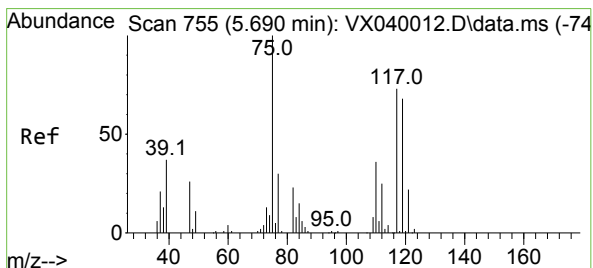
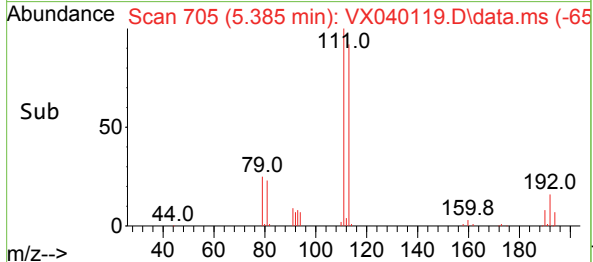
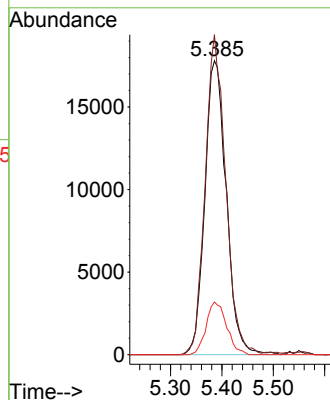
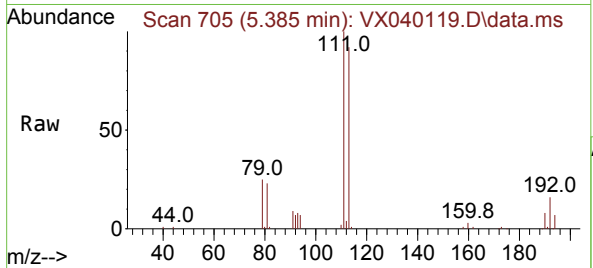




#35
Dibromofluoromethane
Concen: 46.883 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040119.D
Acq: 05 Feb 2024 16:26

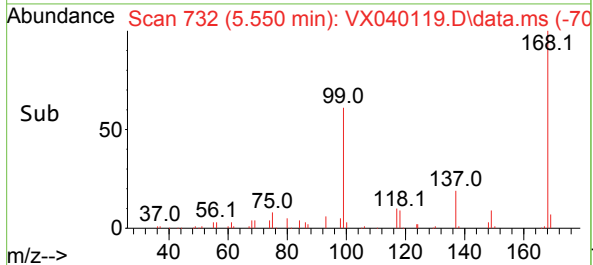
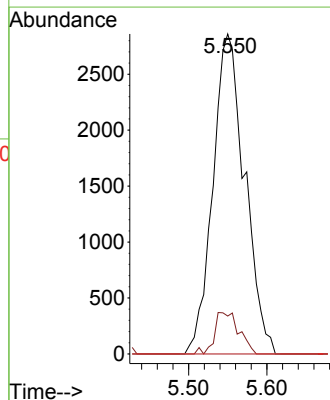
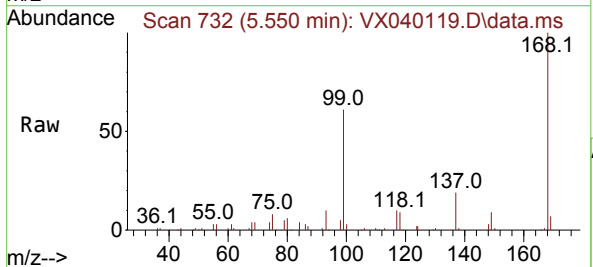
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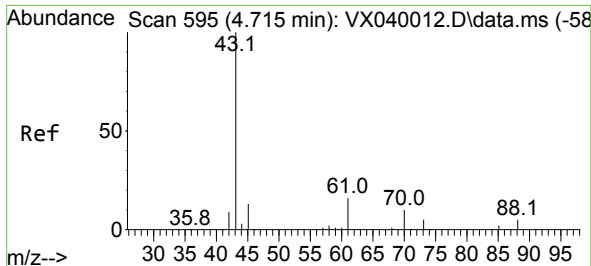
Tgt Ion:	113	Resp:	51449
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.9	124.3
192	17.1	13.3	19.9



#36
1,1-Dichloropropene
Concen: 5.085 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040119.D
Acq: 05 Feb 2024 16:26

Tgt Ion:	75	Resp:	8071
Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.0	50.9#
77	0.0	24.7	37.1#





#37

Ethyl Acetate

Concen: 1.565 ug/l

RT: 4.727 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX040119.D

Acq: 05 Feb 2024 16:26

Instrument :

MSVOA_X

ClientSampleId :

CO-11-GRID-1

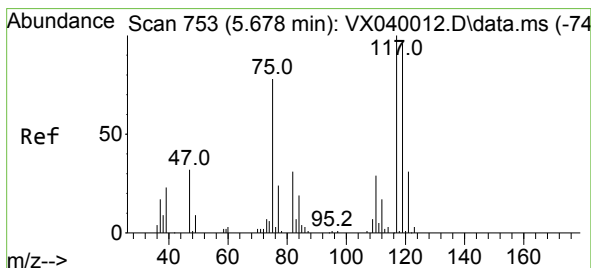
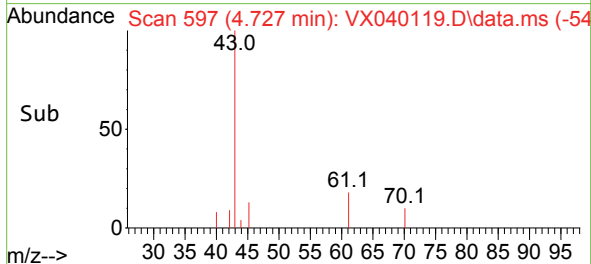
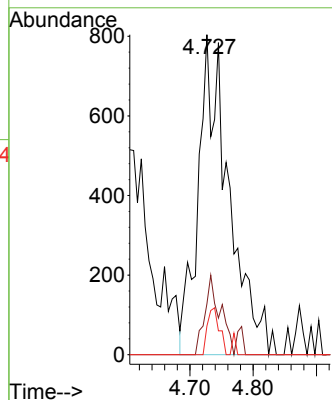
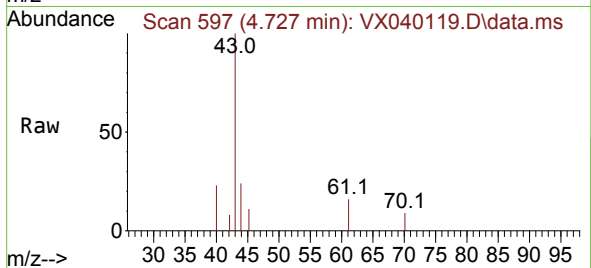
Tgt Ion: 43 Resp: 2713

Ion Ratio Lower Upper

43 100

61 12.6 10.6 16.0

70 5.7 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.652 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX040119.D

Acq: 05 Feb 2024 16:26

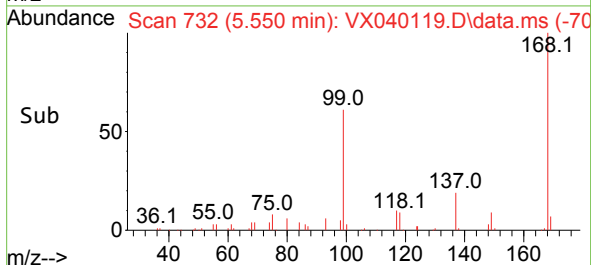
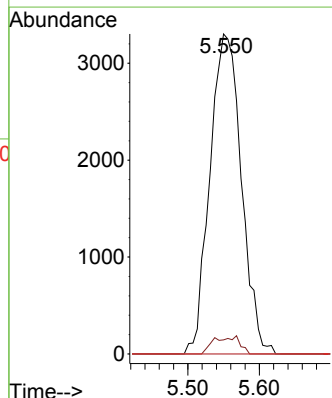
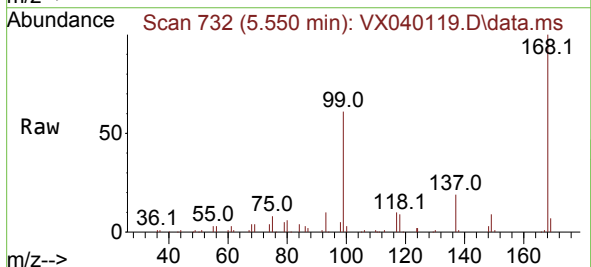
Tgt Ion: 117 Resp: 10101

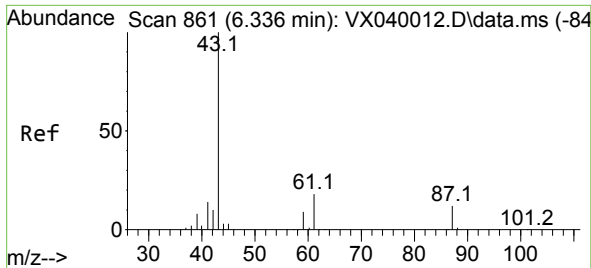
Ion Ratio Lower Upper

117 100

119 4.4 78.2 117.2#

121 0.0 24.4 36.6#

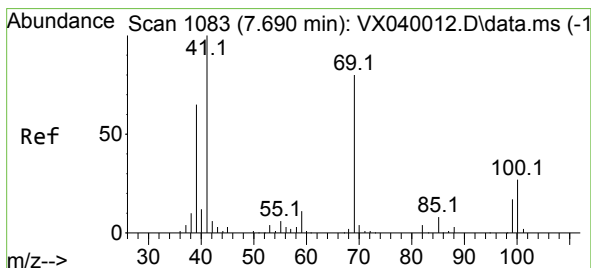
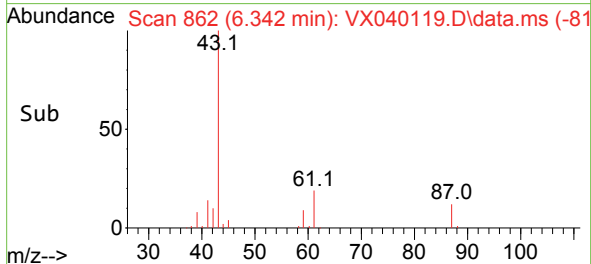
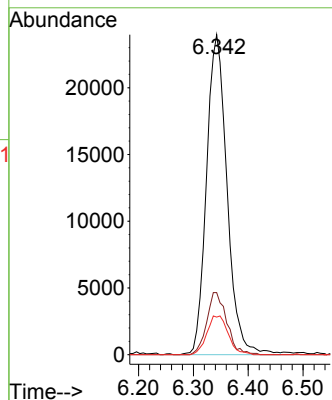
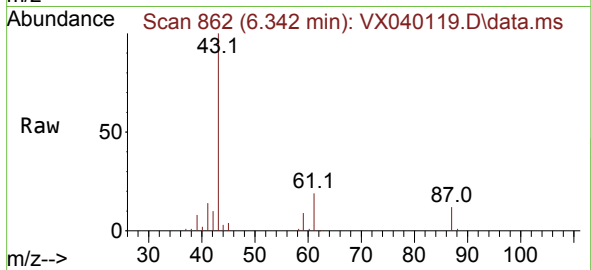




#43
Isopropyl Acetate
Concen: 22.808 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX040119.D
Acq: 05 Feb 2024 16:26

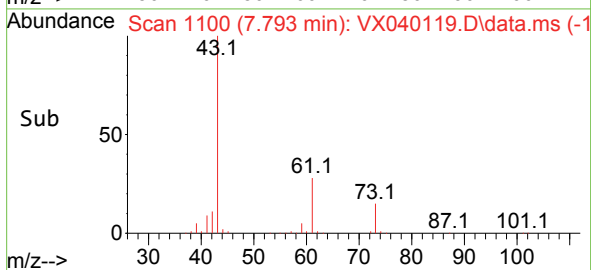
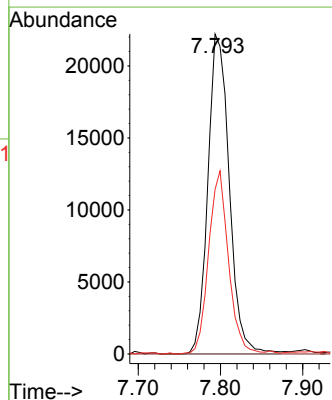
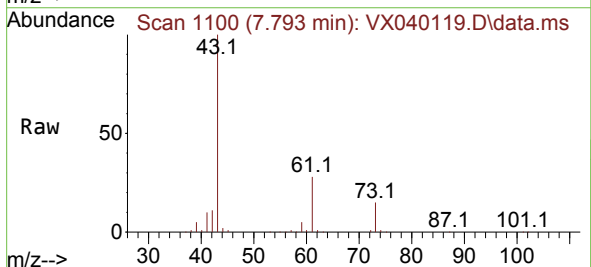
Instrument :
MSVOA_X
ClientSampleId :
CO-11-GRID-1

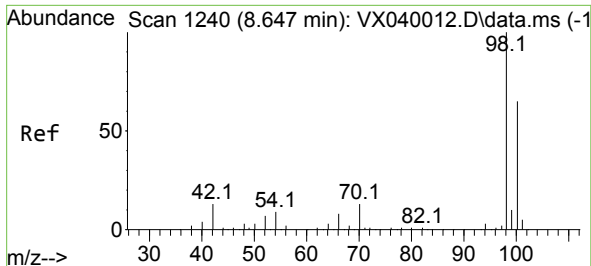
Tgt Ion: 43 Resp: 62342
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 12.6 9.8 14.6



#48
Methyl methacrylate
Concen: 29.766 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX040119.D
Acq: 05 Feb 2024 16:26

Tgt Ion: 41 Resp: 40079
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 53.3 47.7 71.5

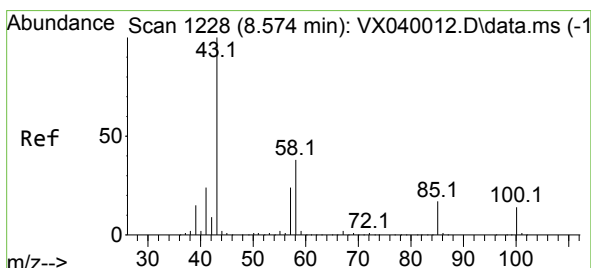
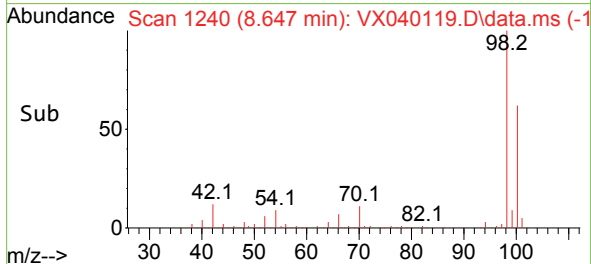
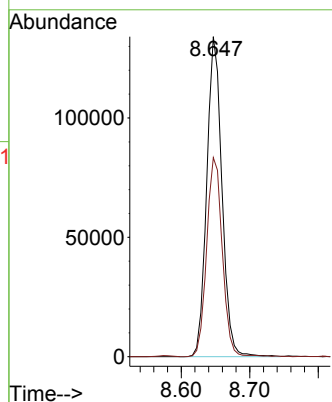
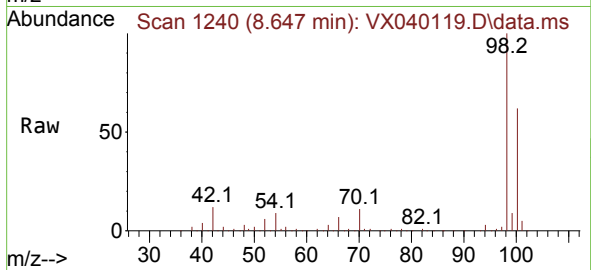




#50
Toluene-d8
Concen: 50.463 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040119.D
Acq: 05 Feb 2024 16:26

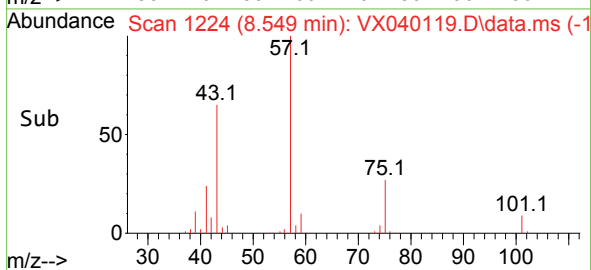
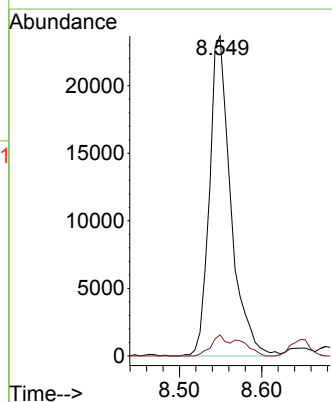
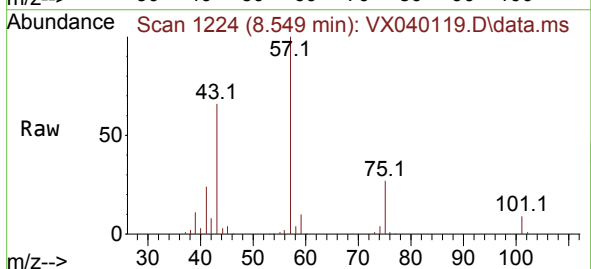
Instrument :
MSVOA_X
ClientSampleId :
CO-11-GRID-1

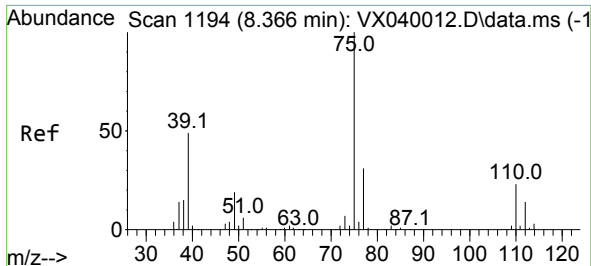
Tgt Ion: 98 Resp: 207098
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 22.921 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX040119.D
Acq: 05 Feb 2024 16:26

Tgt Ion: 43 Resp: 42767
Ion Ratio Lower Upper
43 100
58 5.1 30.4 45.6#

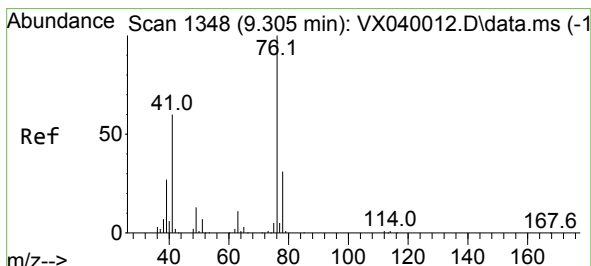
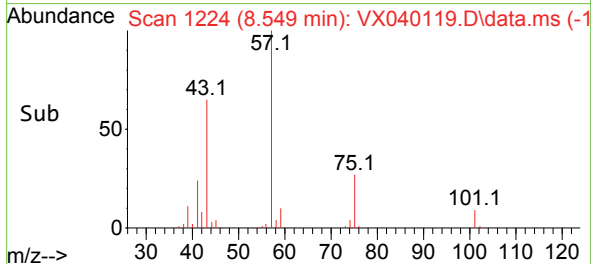
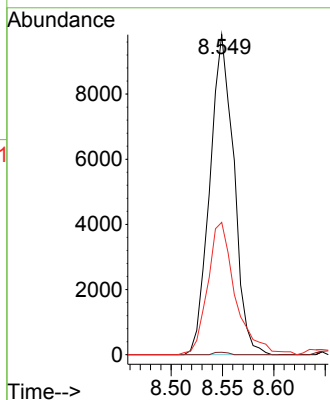
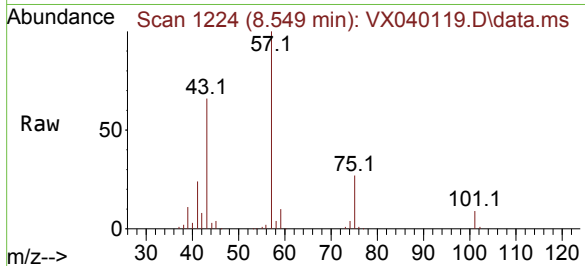




#54
 cis-1,3-Dichloropropene
 Concen: 8.824 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX040119.D
 Acq: 05 Feb 2024 16:26

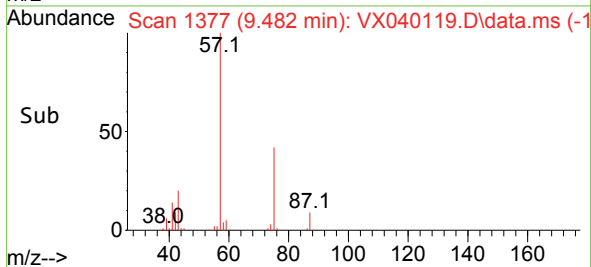
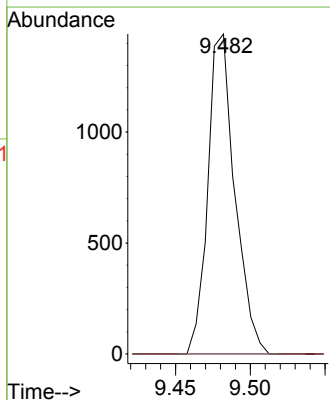
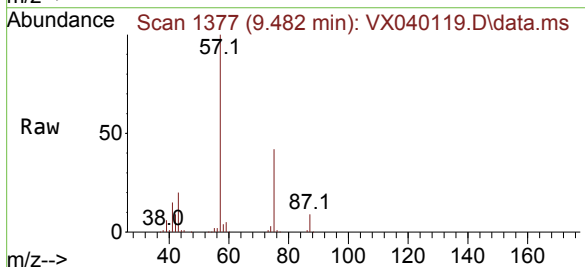
Instrument :
 MSVOA_X
 ClientSampleId :
 CO-11-GRID-1

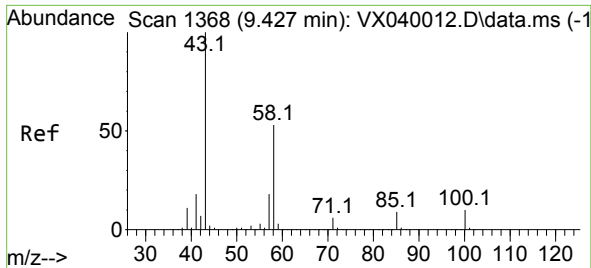
Tgt Ion: 75 Resp: 15934
 Ion Ratio Lower Upper
 75 100
 77 0.8 25.3 37.9#
 39 41.3 46.7 70.1#



#57
 1,3-Dichloropropane
 Concen: 0.922 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX040119.D
 Acq: 05 Feb 2024 16:26

Tgt Ion: 76 Resp: 1812
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#

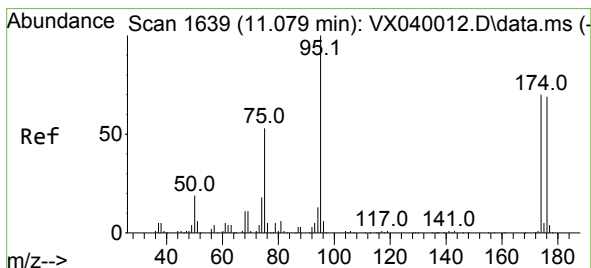
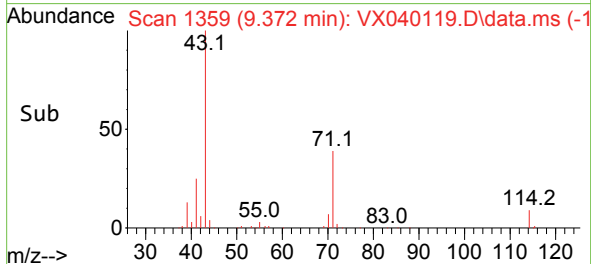
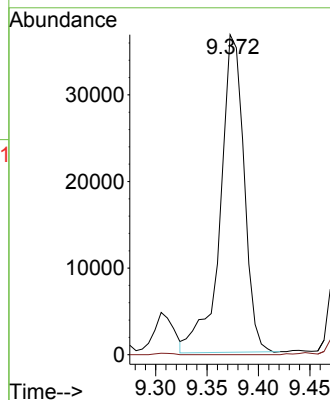
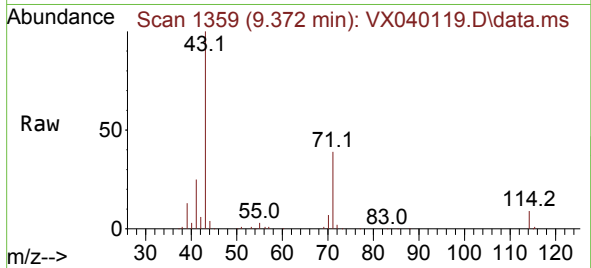




#59
2-Hexanone
Concen: 39.590 ug/l
RT: 9.372 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX040119.D
Acq: 05 Feb 2024 16:26

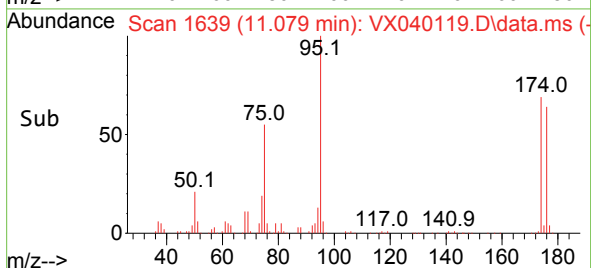
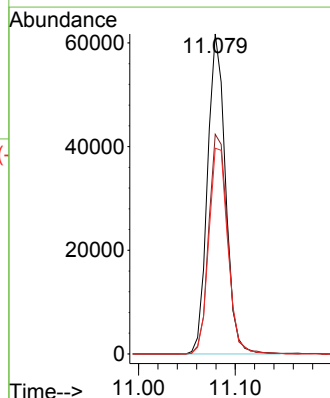
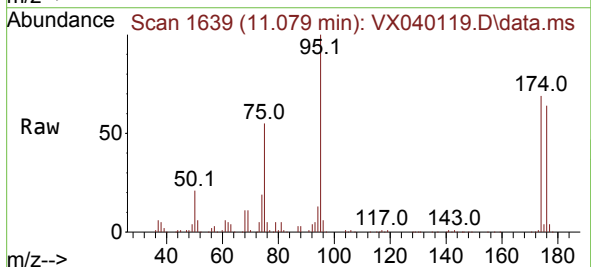
Instrument :
MSVOA_X
ClientSampleId :
CO-11-GRID-1

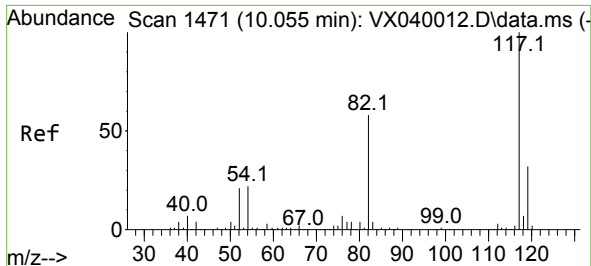
Tgt Ion: 43 Resp: 58898
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 50.538 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040119.D
Acq: 05 Feb 2024 16:26

Tgt Ion: 95 Resp: 79861
Ion Ratio Lower Upper
95 100
174 71.9 0.0 135.6
176 68.2 0.0 131.0

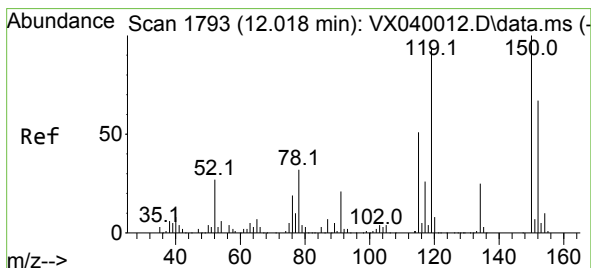
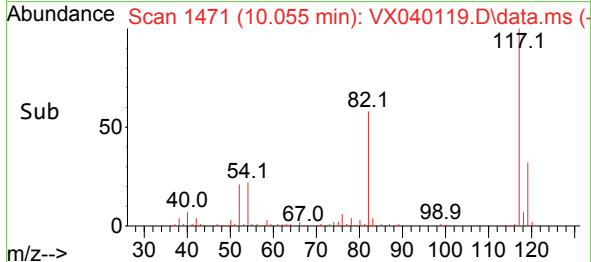
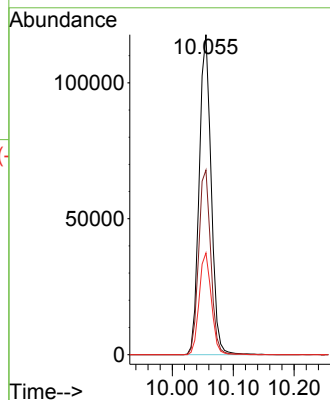
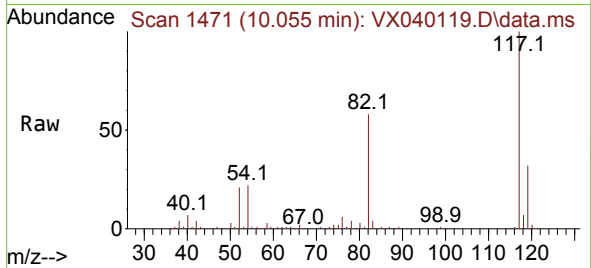




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040119.D
Acq: 05 Feb 2024 16:26

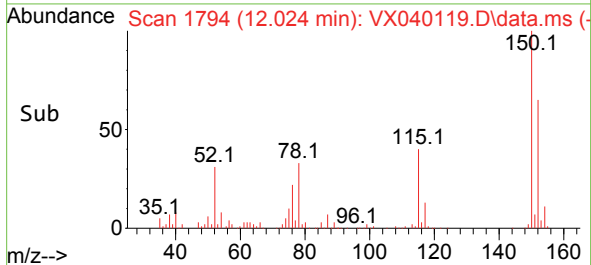
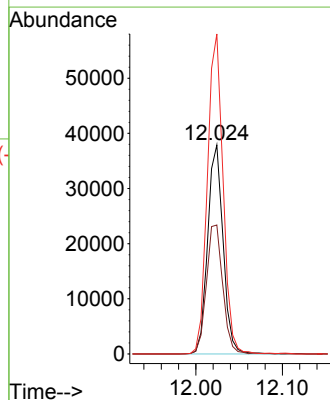
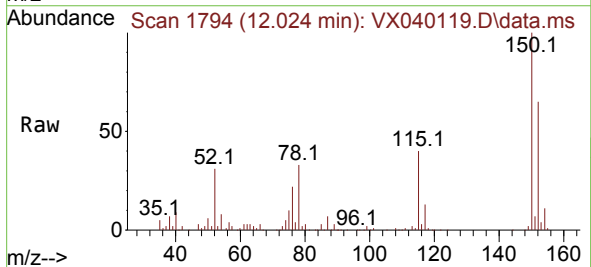
Instrument :
MSVOA_X
ClientSampleId :
CO-11-GRID-1

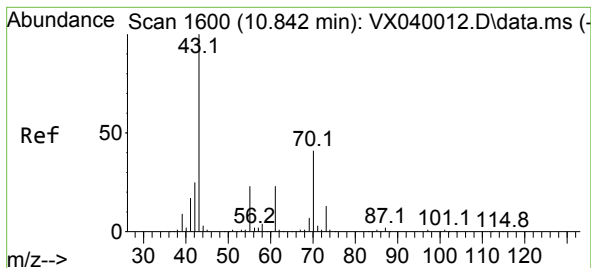
Tgt Ion:117 Resp: 160299
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040119.D
Acq: 05 Feb 2024 16:26

Tgt Ion:152 Resp: 46925
Ion Ratio Lower Upper
152 100
115 65.5 43.3 129.9
150 155.0 0.0 345.0





#74

N-amy1 acetate

Concen: 0.503 ug/l

RT: 10.787 min Scan# 1

Delta R.T. -0.055 min

Lab File: VX040119.D

Acq: 05 Feb 2024 16:26

Instrument :

MSVOA_X

ClientSampleId :

CO-11-GRID-1

Tgt Ion: 43 Resp: 465

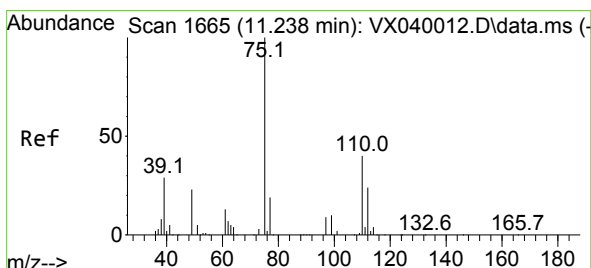
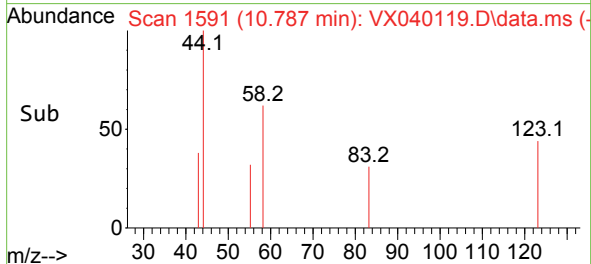
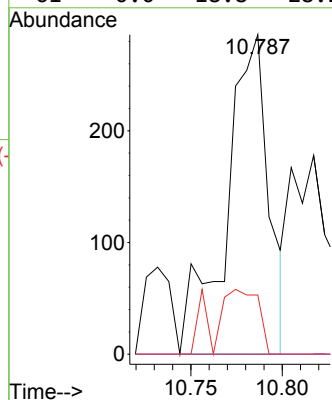
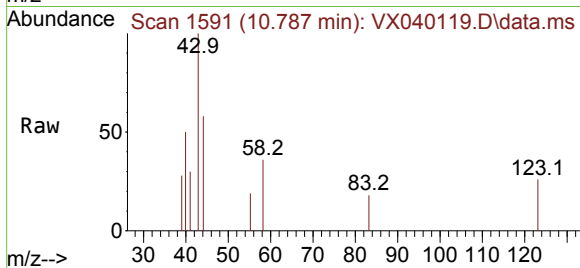
Ion Ratio Lower Upper

43 100

70 0.0 32.9 49.3#

55 0.0 19.3 28.9#

61 0.0 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 42.508 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040119.D

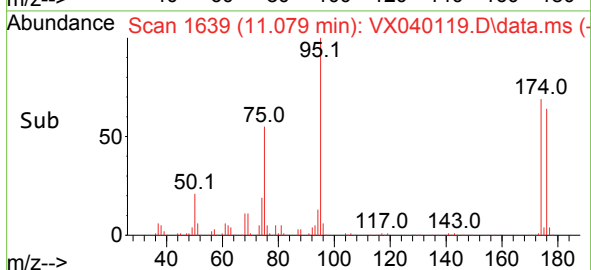
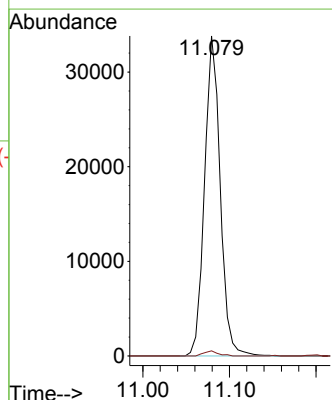
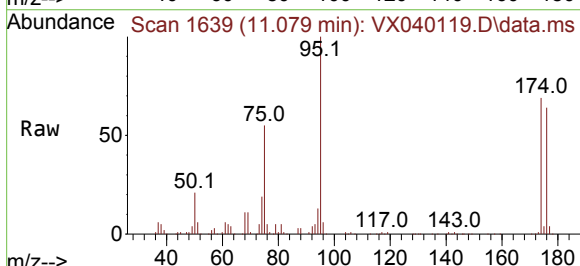
Acq: 05 Feb 2024 16:26

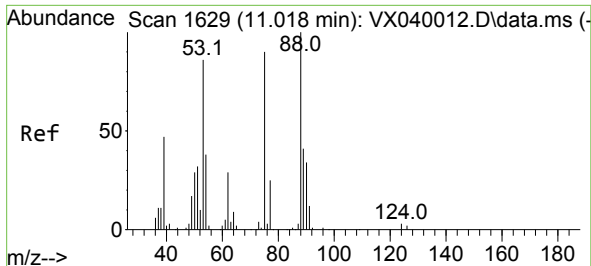
Tgt Ion: 75 Resp: 42477

Ion Ratio Lower Upper

75 100

77 1.5 19.1 57.5#

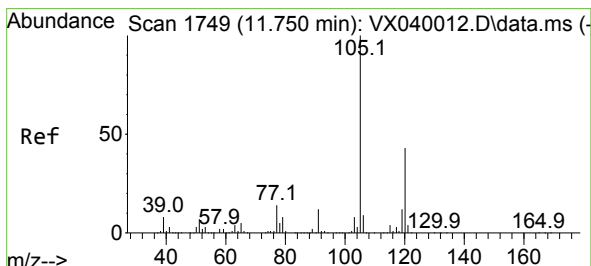
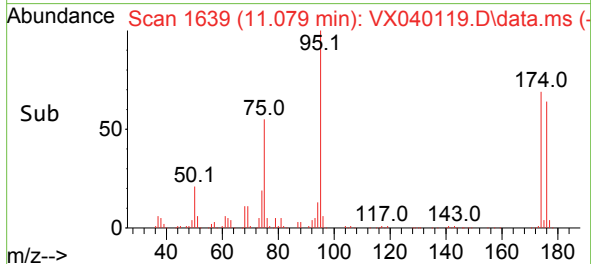
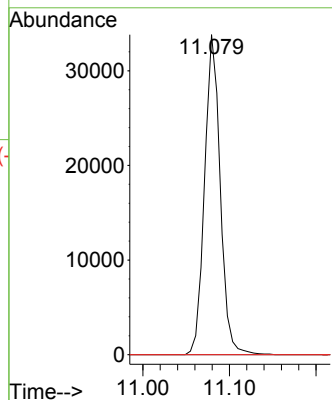
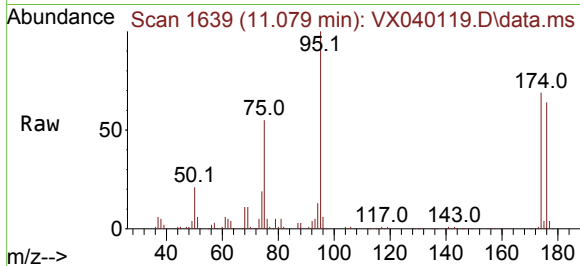




#81
trans-1,4-Dichloro-2-butene
Concen: 113.912 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040119.D
Acq: 05 Feb 2024 16:26

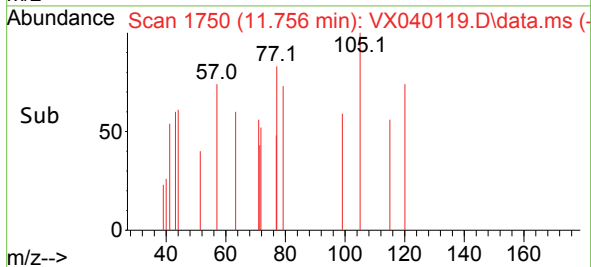
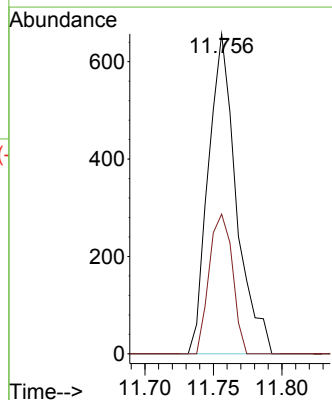
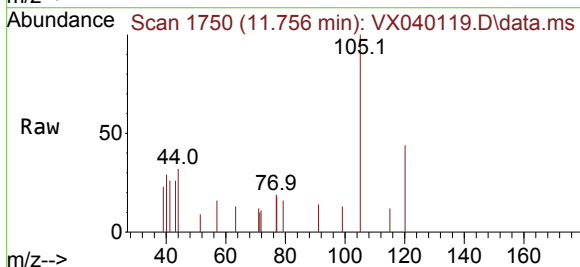
Instrument :
MSVOA_X
ClientSampleId :
CO-11-GRID-1

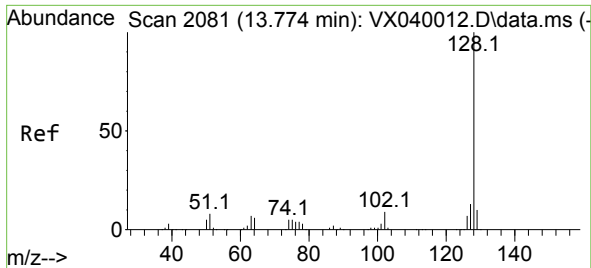
Tgt Ion: 75 Resp: 42477
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.324 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX040119.D
Acq: 05 Feb 2024 16:26

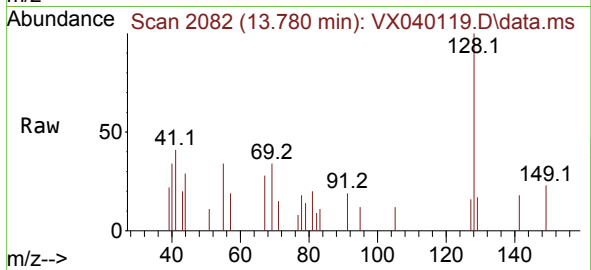
Tgt Ion: 105 Resp: 936
Ion Ratio Lower Upper
105 100
120 36.1 21.2 63.6





#95
Naphthalene
Concen: 0.408 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX040119.D
Acq: 05 Feb 2024 16:26

Instrument :
MSVOA_X
ClientSampleId :
CO-11-GRID-1



Tgt Ion:128 Resp: 1311
Ion Ratio Lower Upper
128 100
127 9.3 10.3 15.5#
129 10.1 8.8 13.2

