

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020524\
 Data File : VX040120.D
 Acq On : 05 Feb 2024 16:49
 Operator : JC/MD
 Sample : P1318-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CO-11-GRID-2

Quant Time: Feb 06 03:03:25 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)

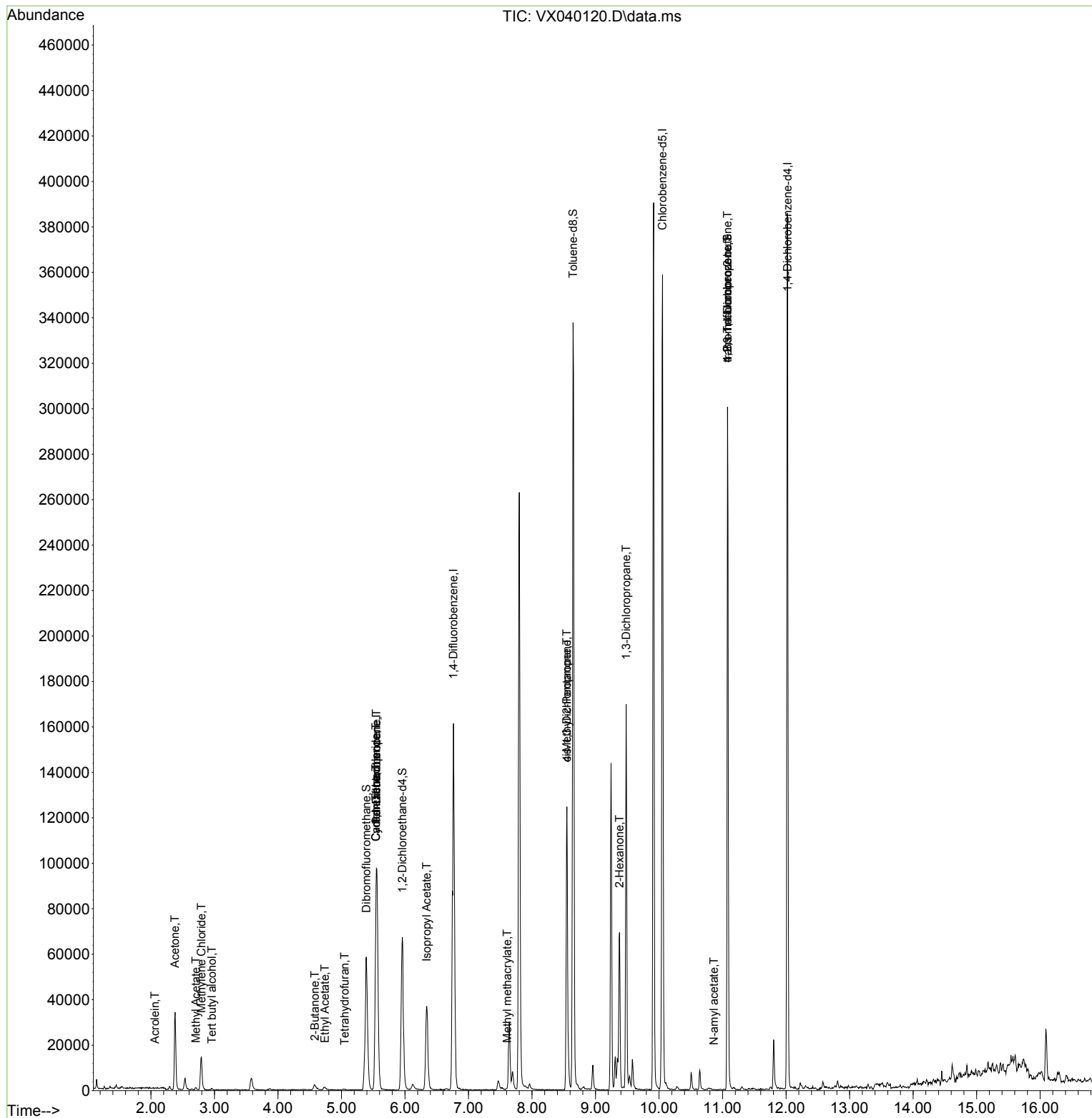
Internal Standards						
1) Pentafluorobenzene	5.550	168	91722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	143485	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58679	39.751	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.500%
35) Dibromofluoromethane	5.391	113	44441	45.499	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.000%
50) Toluene-d8	8.647	98	200180	54.802	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	109.600%
62) 4-Bromofluorobenzene	11.079	95	77924	55.402	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	570	2.128	ug/l #	78
13) Acrolein	2.063	56	55	0.214	ug/l #	14
16) Acetone	2.380	43	35325	51.074	ug/l	94
18) Methyl Acetate	2.709	43	1370	0.836	ug/l #	83
20) Methylene Chloride	2.794	84	6938	5.645	ug/l	94
25) 2-Butanone	4.580	43	4487	4.667	ug/l #	86
29) Tetrahydrofuran	5.050	42	394	0.645	ug/l #	49
31) Cyclohexane	5.544	56	2154	1.165	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	8144	5.765	ug/l #	47
37) Ethyl Acetate	4.739	43	2744	1.779	ug/l #	74
38) Carbon Tetrachloride	5.544	117	9878	7.308	ug/l #	14
43) Isopropyl Acetate	6.342	43	49444	20.323	ug/l	99
48) Methyl methacrylate	7.610	41	1001	0.835	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	46138	27.781	ug/l #	47
54) cis-1,3-Dichloropropene	8.549	75	18668	11.615	ug/l #	60
57) 1,3-Dichloropropane	9.482	76	1502	0.859	ug/l #	42
59) 2-Hexanone	9.378	43	50459	38.107	ug/l #	26
74) N-amyl acetate	10.866	43	121	0.248	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	42455	26.350	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	42455	77.244	ug/l #	5
90) Hexachloroethane	12.329	117	21	Below Cal	#	17

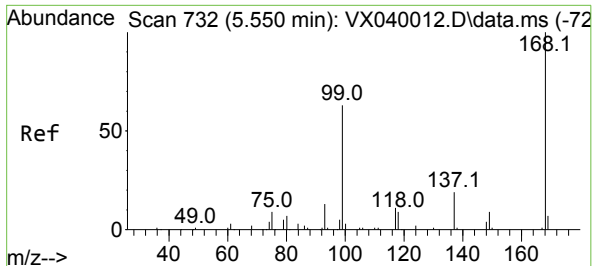
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

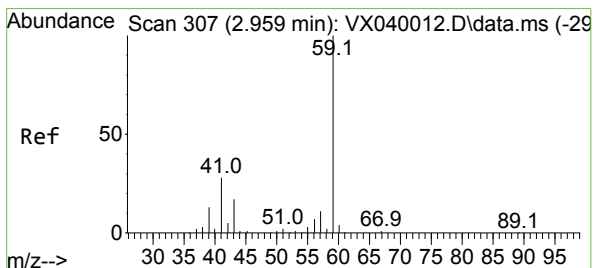
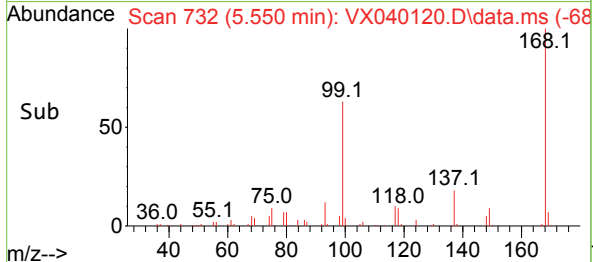
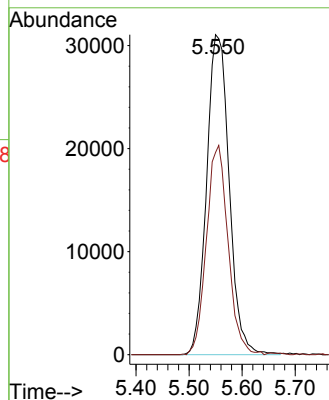
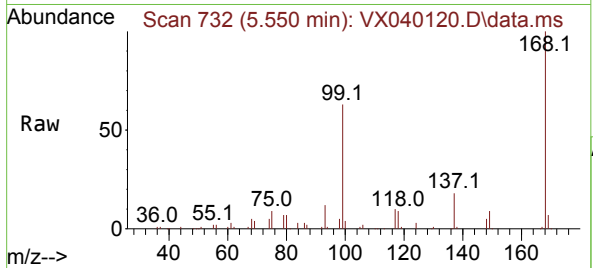




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX040120.D
Acq: 05 Feb 2024 16:49

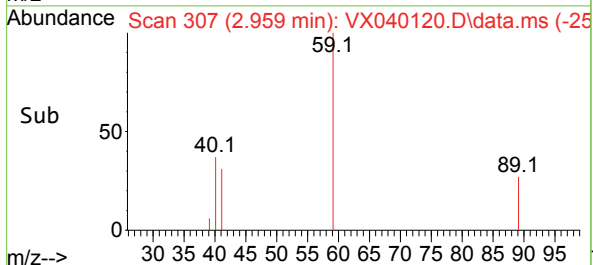
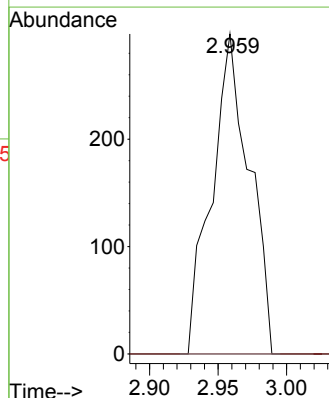
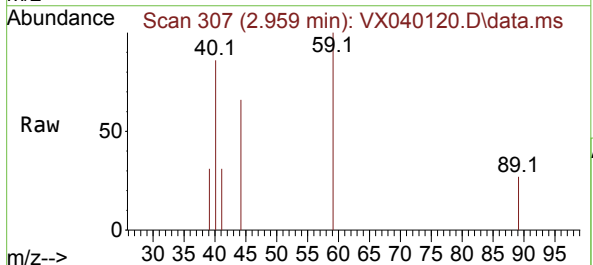
Instrument :
MSVOA_X
ClientSampleId :
CO-11-GRID-2

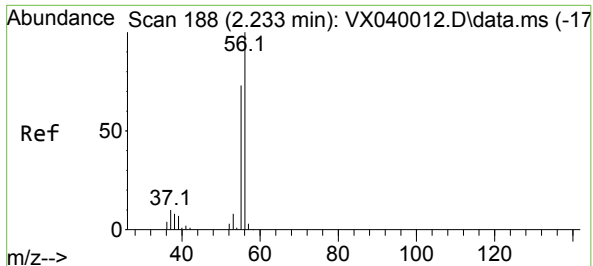
Tgt Ion:168 Resp: 91722
Ion Ratio Lower Upper
168 100
99 63.2 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.128 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX040120.D
Acq: 05 Feb 2024 16:49

Tgt Ion: 59 Resp: 570
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.214 ug/l

RT: 2.063 min Scan# 1

Delta R.T. -0.171 min

Lab File: VX040120.D

Acq: 05 Feb 2024 16:49

Instrument :

MSVOA_X

ClientSampleId :

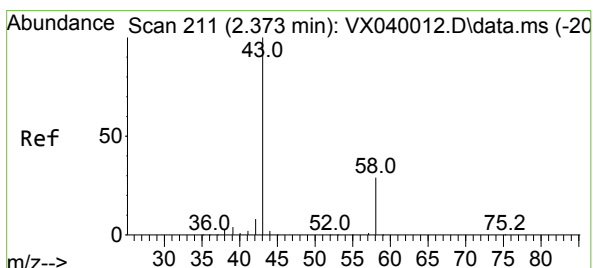
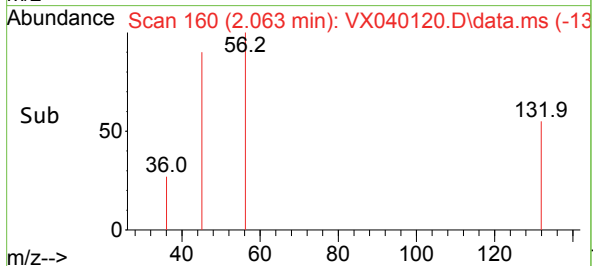
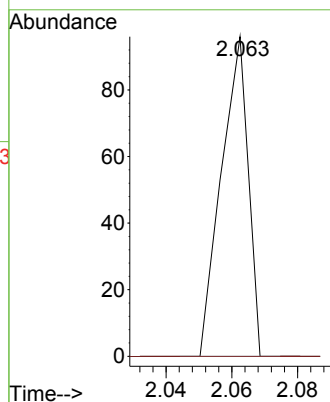
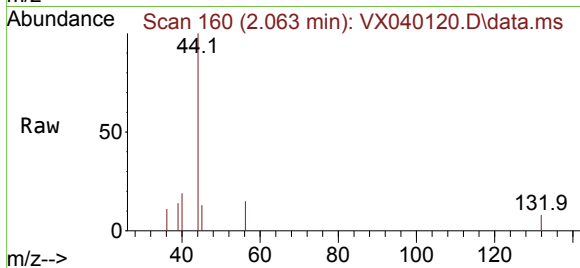
CO-11-GRID-2

Tgt Ion: 56 Resp: 55

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#16

Acetone

Concen: 51.074 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX040120.D

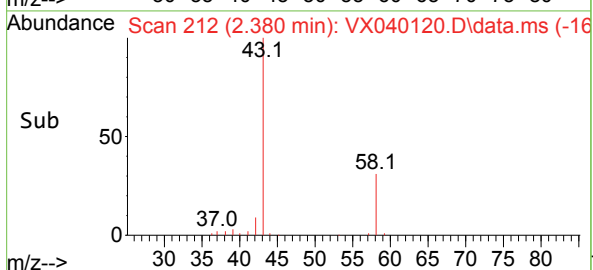
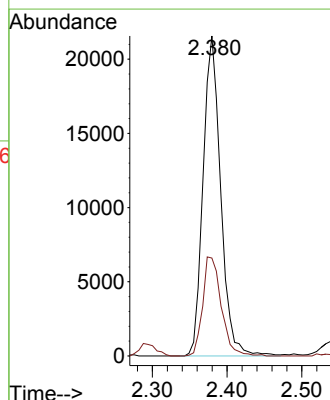
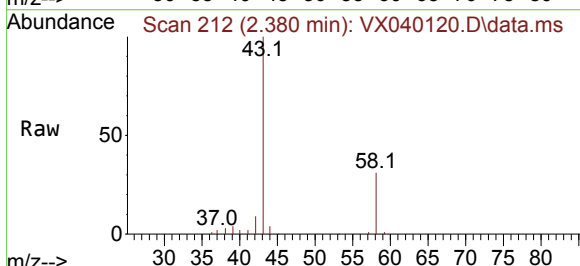
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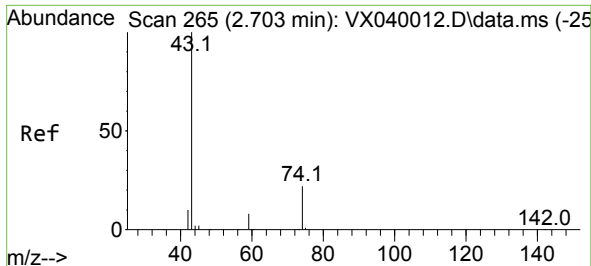
Tgt Ion: 43 Resp: 35325

Ion Ratio Lower Upper

43 100

58 30.6 21.9 32.9

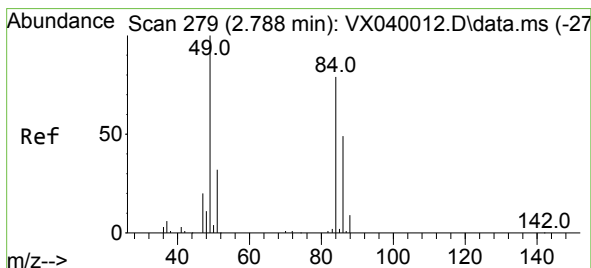
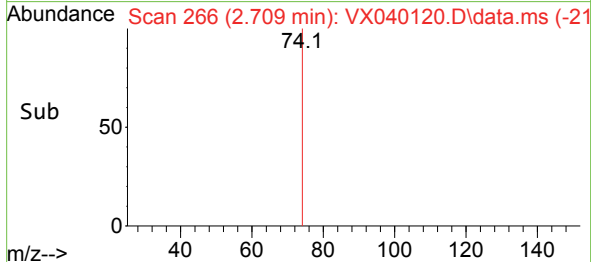
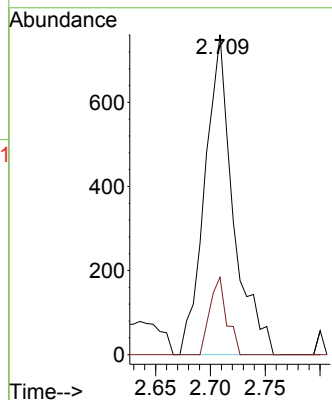
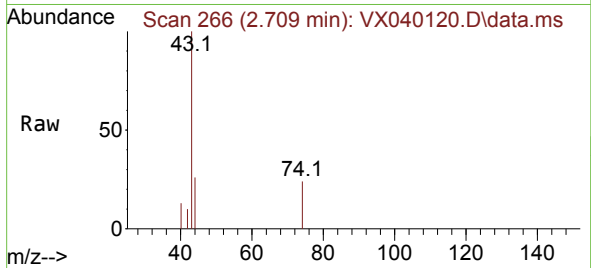




#18
Methyl Acetate
Concen: 0.836 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX040120.D
Acq: 05 Feb 2024 16:49

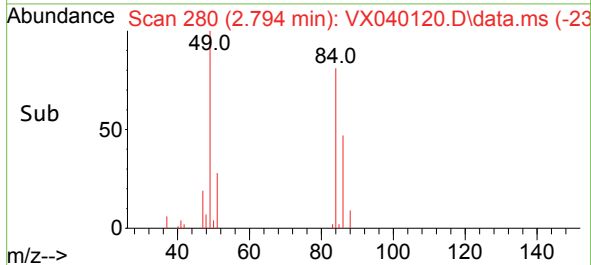
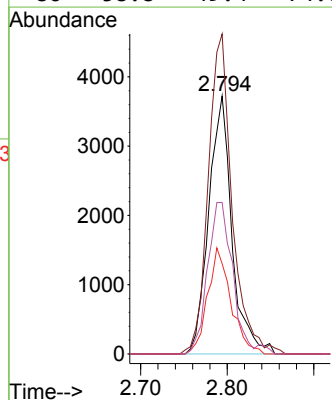
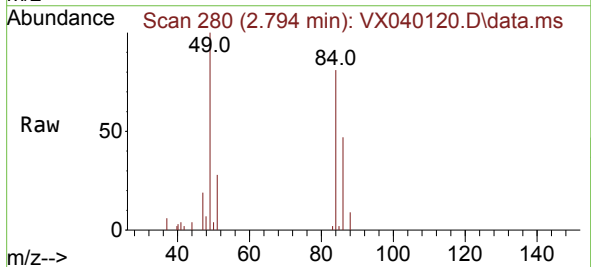
Instrument :
MSVOA_X
ClientSampleId :
CO-11-GRID-2

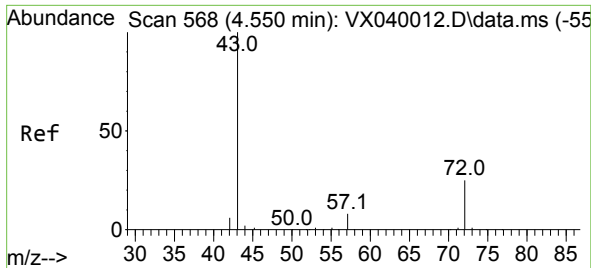
Tgt Ion: 43 Resp: 1370
Ion Ratio Lower Upper
43 100
74 14.4 17.8 26.8#



#20
Methylene Chloride
Concen: 5.645 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040120.D
Acq: 05 Feb 2024 16:49

Tgt Ion: 84 Resp: 6938
Ion Ratio Lower Upper
84 100
49 124.1 103.6 155.4
51 35.0 33.8 50.6
86 58.8 49.4 74.0

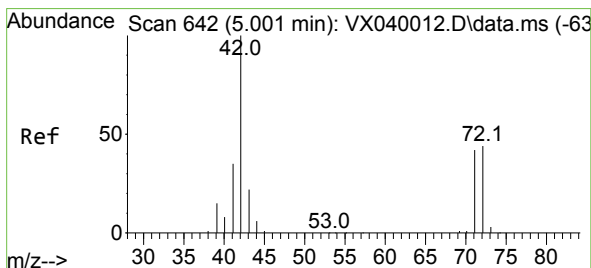
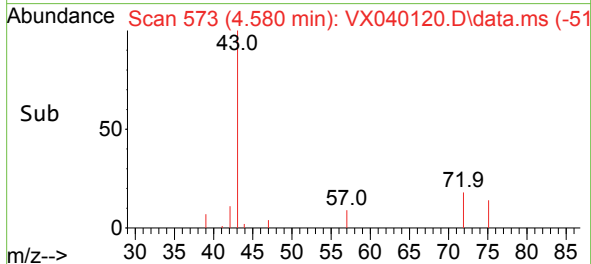
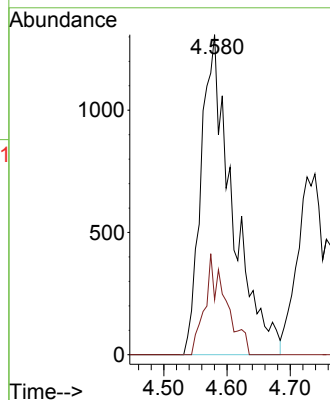
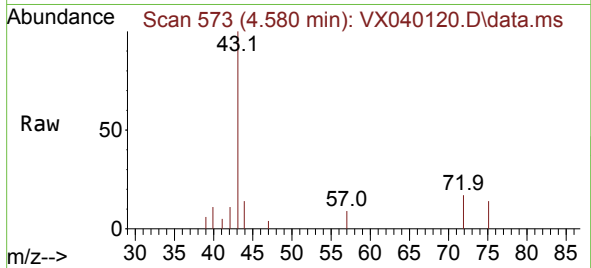




#25
2-Butanone
Concen: 4.667 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX040120.D
Acq: 05 Feb 2024 16:49

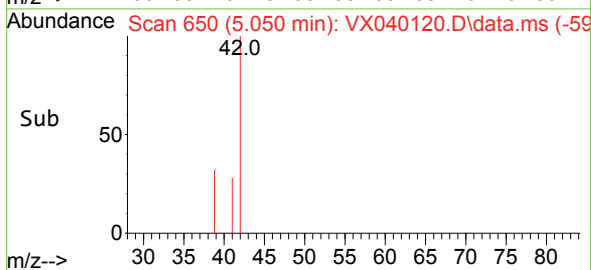
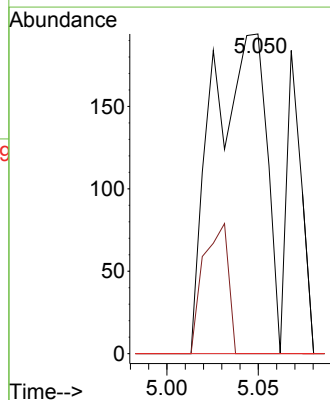
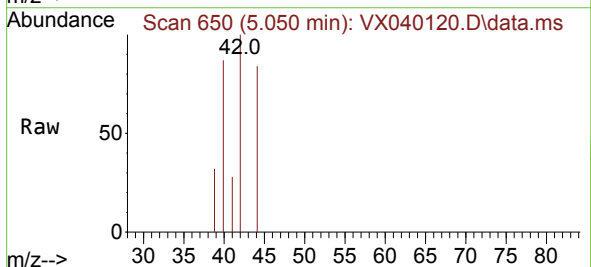
Instrument :
MSVOA_X
ClientSampleId :
CO-11-GRID-2

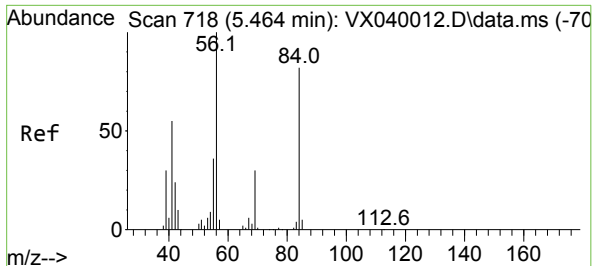
Tgt Ion: 43 Resp: 4487
Ion Ratio Lower Upper
43 100
72 17.2 19.4 29.2#



#29
Tetrahydrofuran
Concen: 0.645 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.049 min
Lab File: VX040120.D
Acq: 05 Feb 2024 16:49

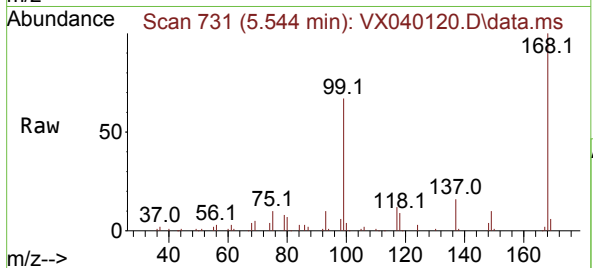
Tgt Ion: 42 Resp: 394
Ion Ratio Lower Upper
42 100
72 19.0 34.2 51.4#
71 0.0 32.2 48.2#



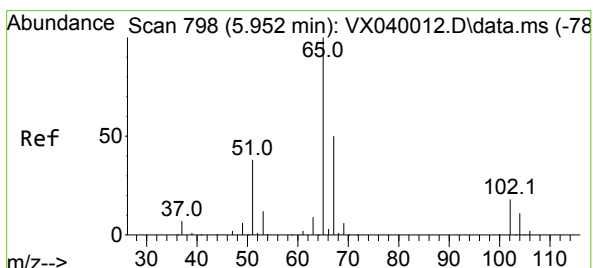
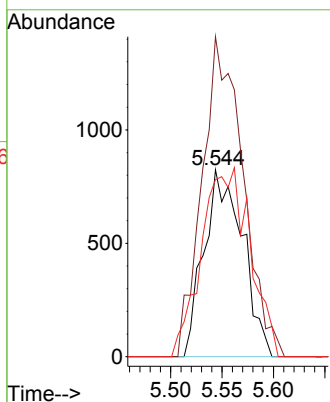
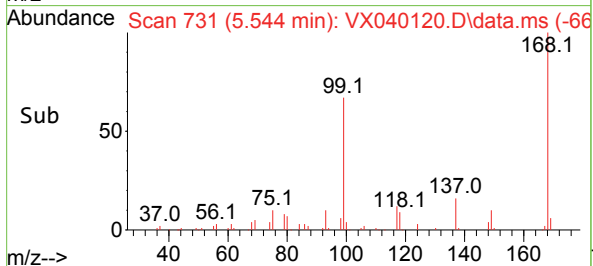


#31
Cyclohexane
Concen: 1.165 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX040120.D
Acq: 05 Feb 2024 16:49

Instrument :
MSVOA_X
ClientSampleId :
CO-11-GRID-2

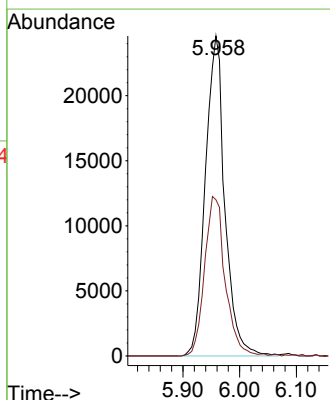
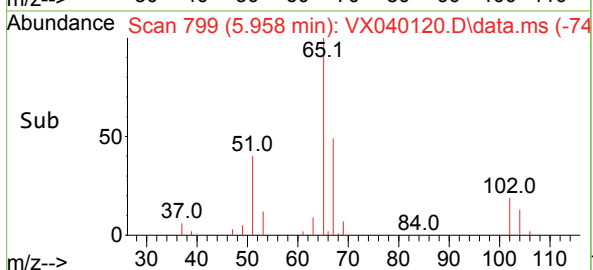
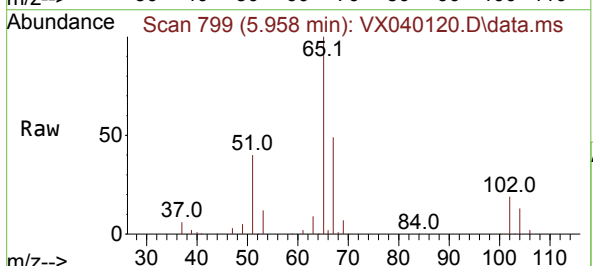


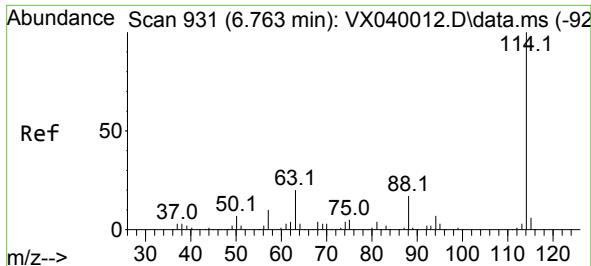
Tgt Ion: 56 Resp: 2154
Ion Ratio Lower Upper
56 100
69 171.2 23.4 35.2#
84 94.8 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 39.751 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040120.D
Acq: 05 Feb 2024 16:49

Tgt Ion: 65 Resp: 58679
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

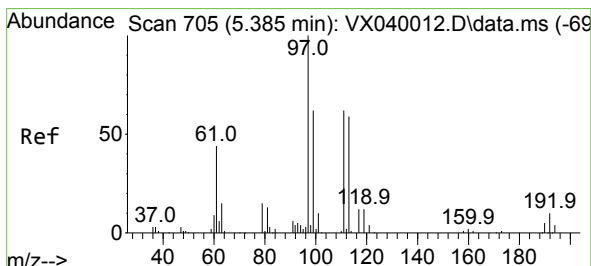
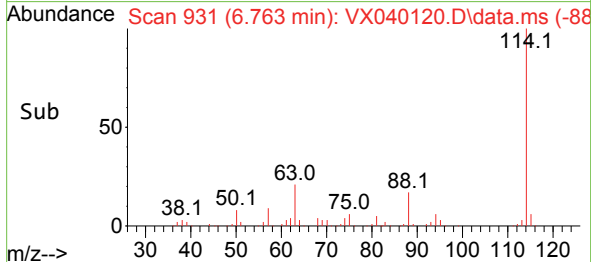
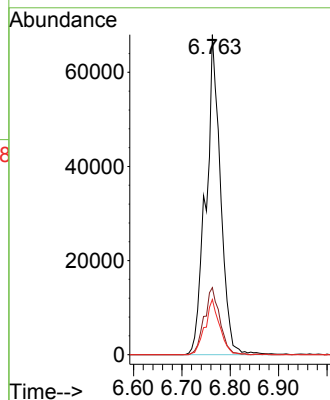
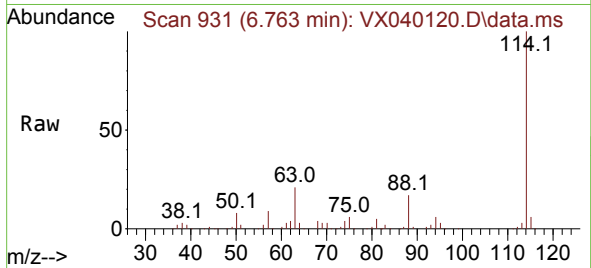




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040120.D
Acq: 05 Feb 2024 16:49

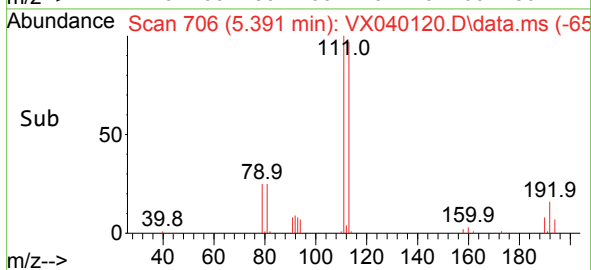
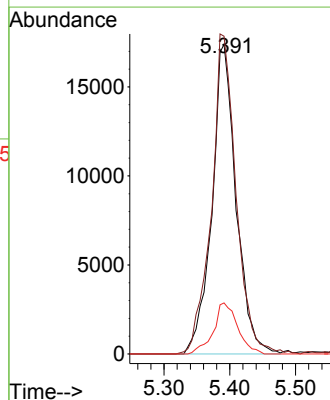
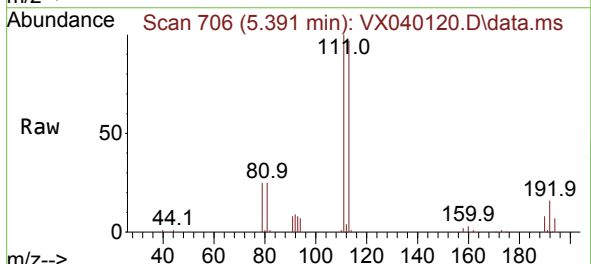
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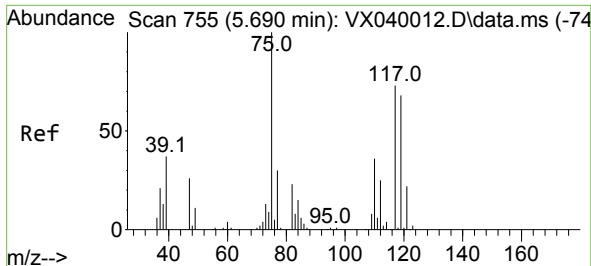
Tgt Ion:114 Resp: 143485
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 17.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.499 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040120.D
Acq: 05 Feb 2024 16:49

Tgt Ion:113 Resp: 44441
Ion Ratio Lower Upper
113 100
111 105.5 82.9 124.3
192 16.6 13.3 19.9

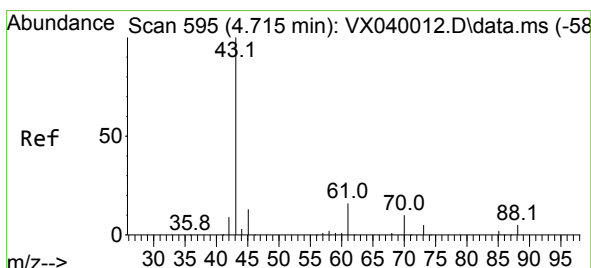
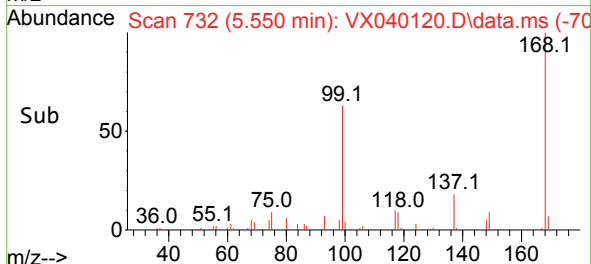
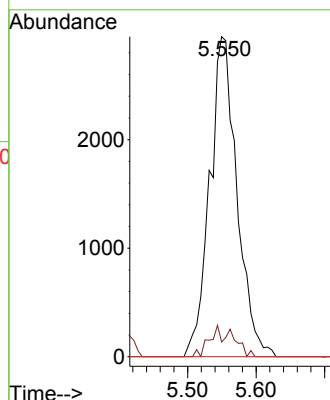
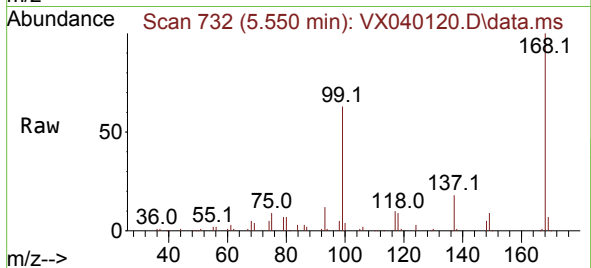




#36
1,1-Dichloropropene
Concen: 5.765 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX040120.D
Acq: 05 Feb 2024 16:49

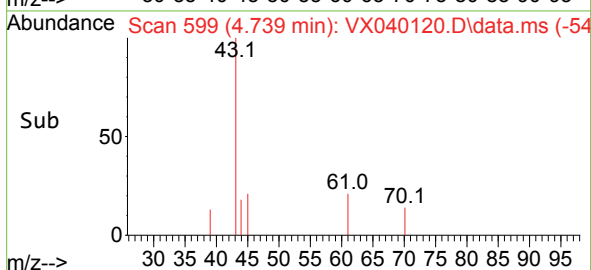
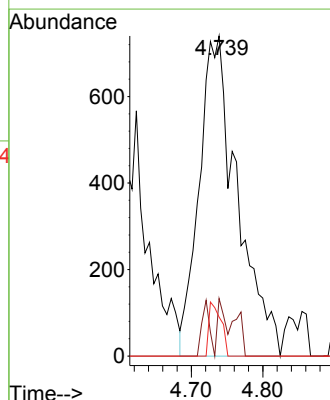
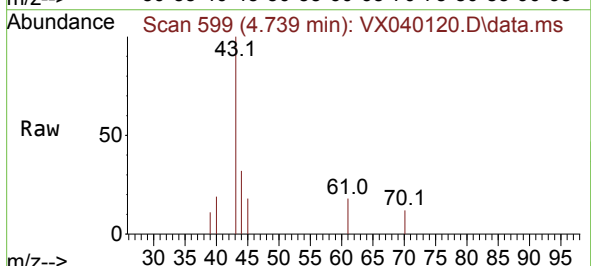
Instrument :
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ClientSampleId :
CO-11-GRID-2

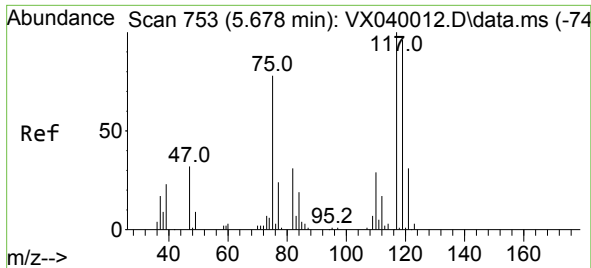
Tgt Ion: 75 Resp: 8144
Ion Ratio Lower Upper
75 100
110 5.1 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.779 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.024 min
Lab File: VX040120.D
Acq: 05 Feb 2024 16:49

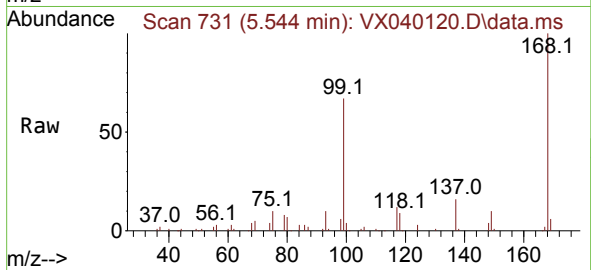
Tgt Ion: 43 Resp: 2744
Ion Ratio Lower Upper
43 100
61 3.7 10.6 16.0#
70 0.0 8.3 12.5#



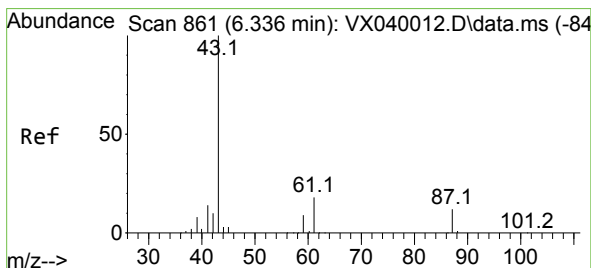
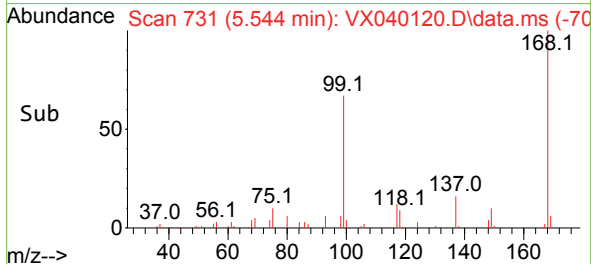
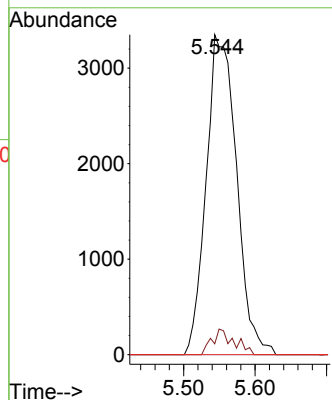


#38
Carbon Tetrachloride
Concen: 7.308 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX040120.D
Acq: 05 Feb 2024 16:49

Instrument :
MSVOA_X
ClientSampleId :
CO-11-GRID-2

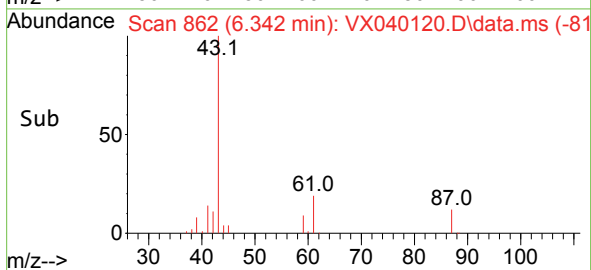
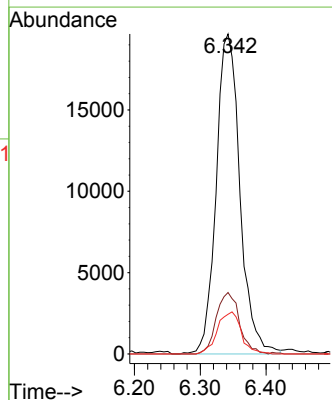
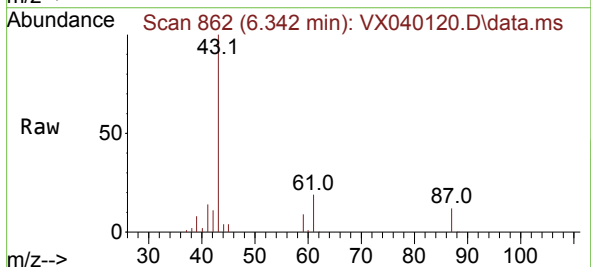


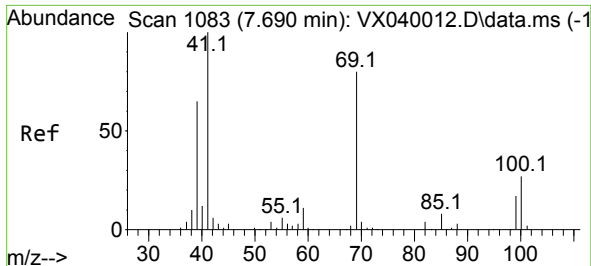
Tgt Ion:117 Resp: 9878
Ion Ratio Lower Upper
117 100
119 3.4 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 20.323 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX040120.D
Acq: 05 Feb 2024 16:49

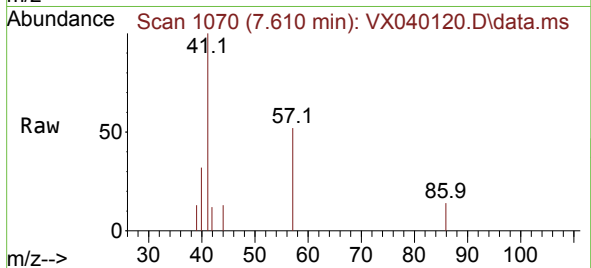
Tgt Ion: 43 Resp: 49444
Ion Ratio Lower Upper
43 100
61 18.7 15.2 22.8
87 13.2 9.8 14.6



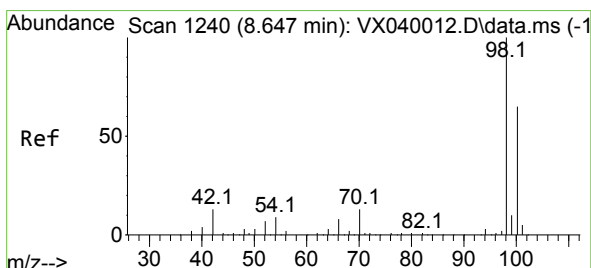
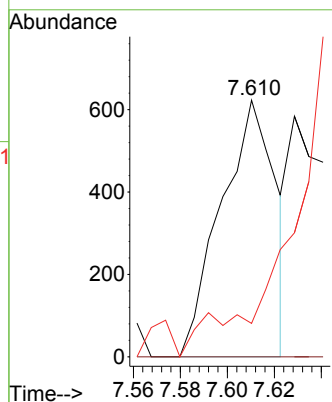


#48
Methyl methacrylate
Concen: 0.835 ug/l
RT: 7.610 min Scan# 1070
Delta R.T. -0.079 min
Lab File: VX040120.D
Acq: 05 Feb 2024 16:49

Instrument :
MSVOA_X
ClientSampleId :
CO-11-GRID-2

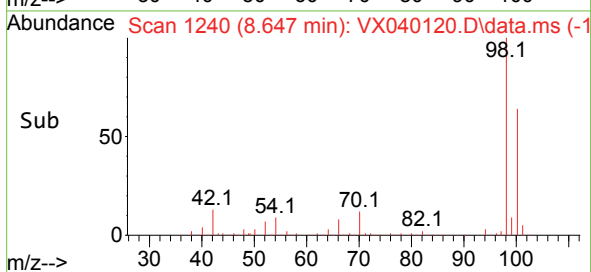
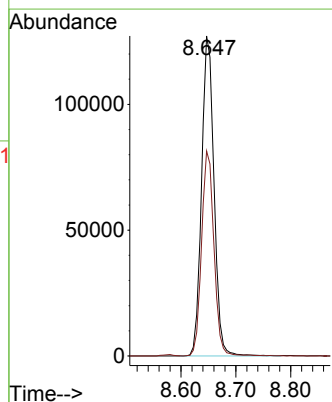
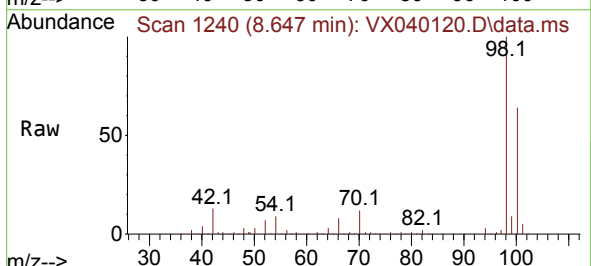


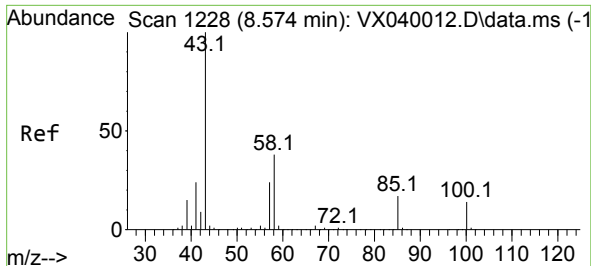
Tgt Ion: 41 Resp: 1001
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 0.0 47.7 71.5#



#50
Toluene-d8
Concen: 54.802 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040120.D
Acq: 05 Feb 2024 16:49

Tgt Ion: 98 Resp: 200180
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

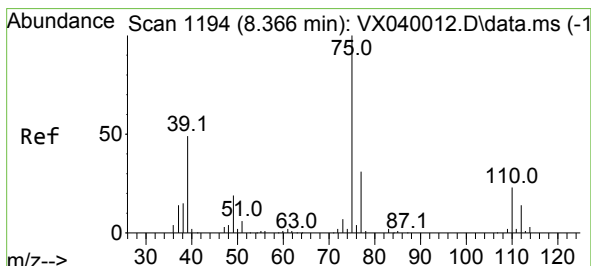
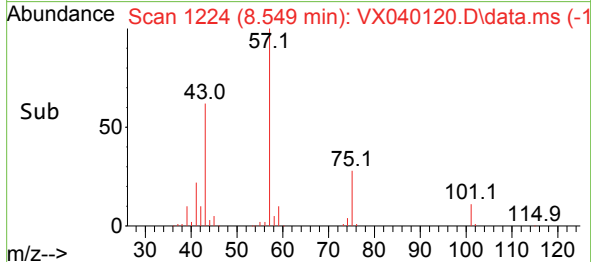
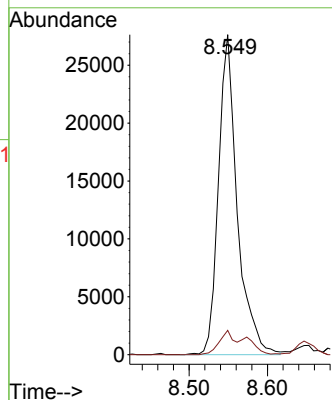
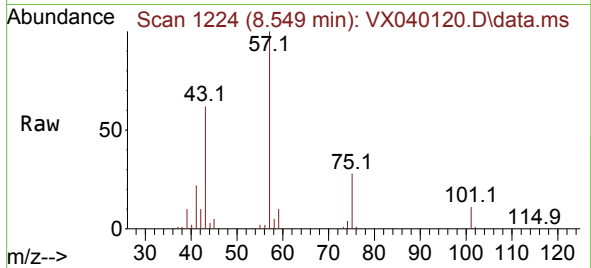




#51
4-Methyl-2-Pentanone
Concen: 27.781 ug/l
RT: 8.549 min Scan# 1124
Delta R.T. -0.024 min
Lab File: VX040120.D
Acq: 05 Feb 2024 16:49

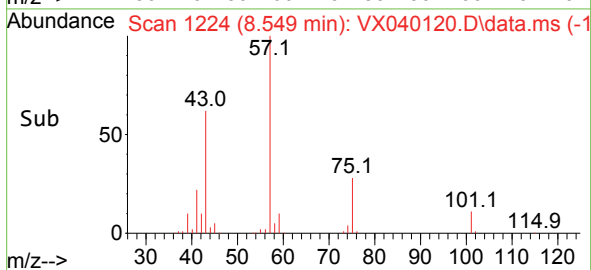
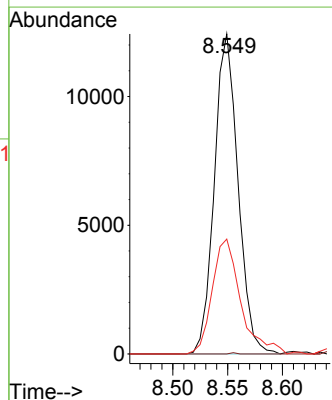
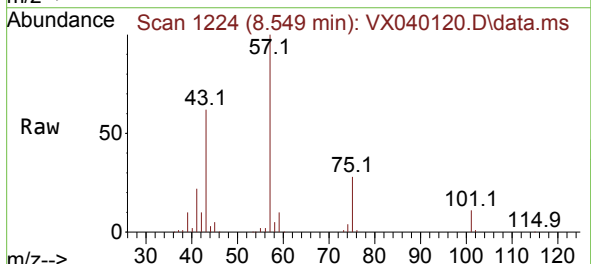
Instrument :
MSVOA_X
ClientSampleId :
CO-11-GRID-2

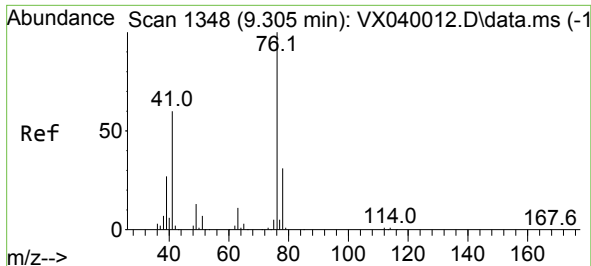
Tgt Ion: 43 Resp: 46138
Ion Ratio Lower Upper
43 100
58 6.1 30.4 45.6#



#54
cis-1,3-Dichloropropene
Concen: 11.615 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX040120.D
Acq: 05 Feb 2024 16:49

Tgt Ion: 75 Resp: 18668
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
39 35.9 46.7 70.1#





#57

1,3-Dichloropropane

Concen: 0.859 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX040120.D

Acq: 05 Feb 2024 16:49

Instrument :

MSVOA_X

ClientSampleId :

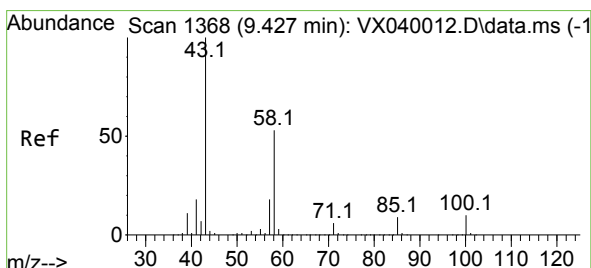
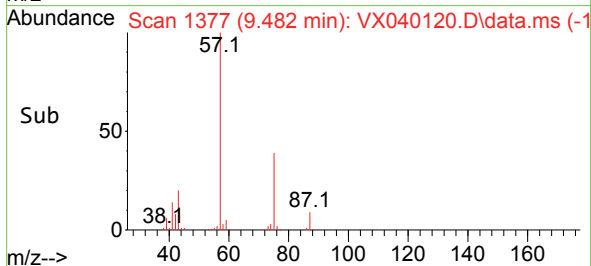
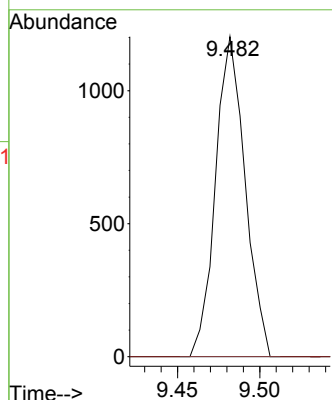
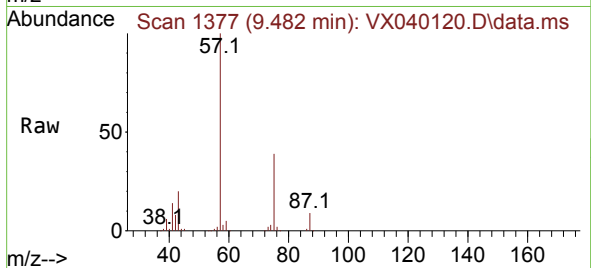
CO-11-GRID-2

Tgt Ion: 76 Resp: 1502

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 38.107 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.049 min

Lab File: VX040120.D

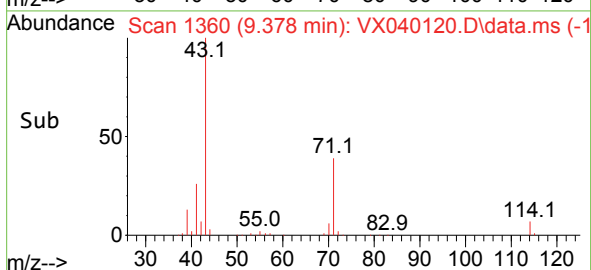
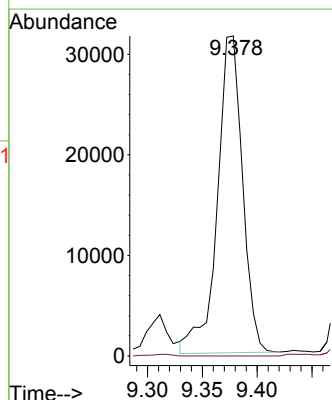
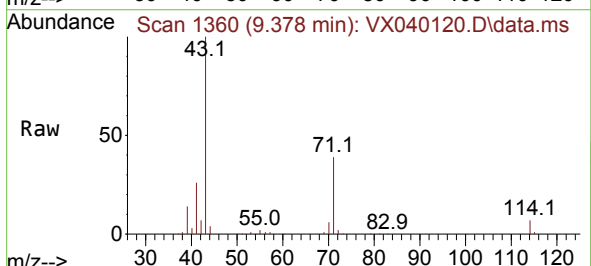
Acq: 05 Feb 2024 16:49

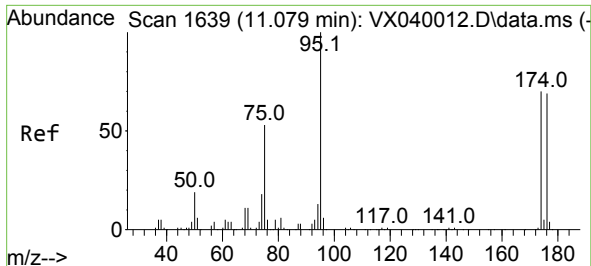
Tgt Ion: 43 Resp: 50459

Ion Ratio Lower Upper

43 100

58 0.0 26.2 78.5#

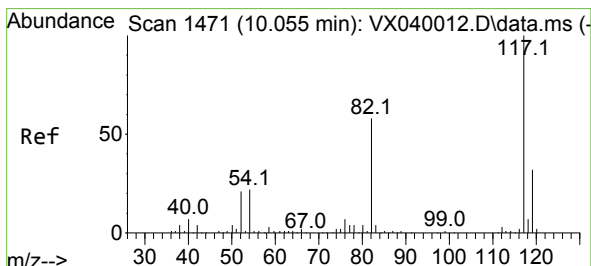
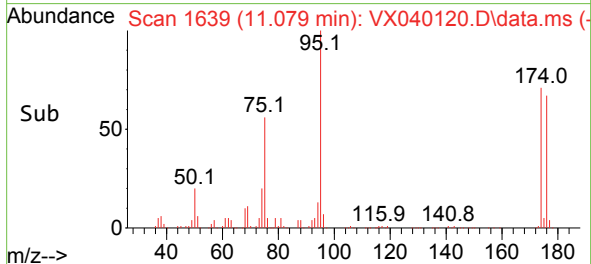
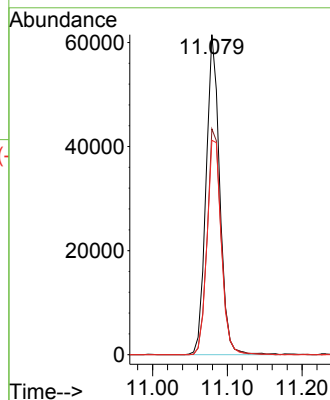
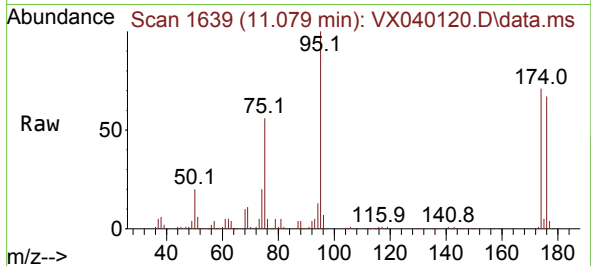




#62
4-Bromofluorobenzene
Concen: 55.402 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040120.D
Acq: 05 Feb 2024 16:49

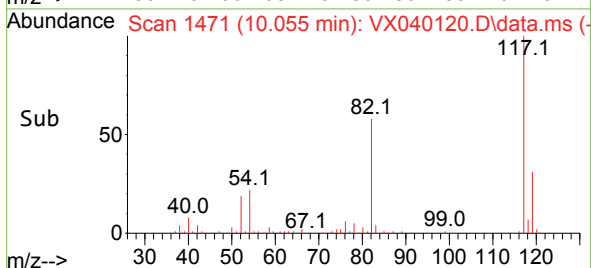
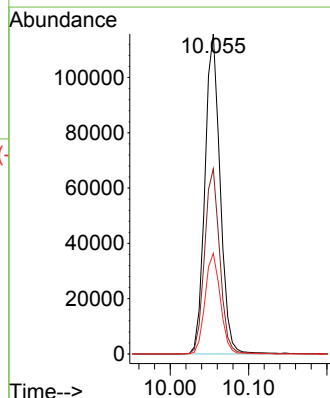
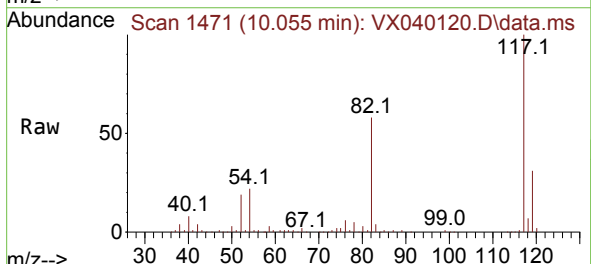
Instrument :
MSVOA_X
ClientSampleId :
CO-11-GRID-2

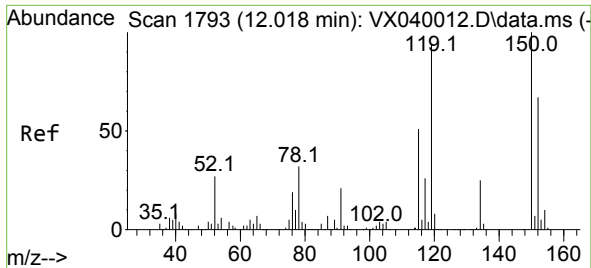
Tgt Ion: 95 Resp: 77924
Ion Ratio Lower Upper
95 100
174 72.4 0.0 135.6
176 70.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040120.D
Acq: 05 Feb 2024 16:49

Tgt Ion: 117 Resp: 155899
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 31.4 25.5 38.3

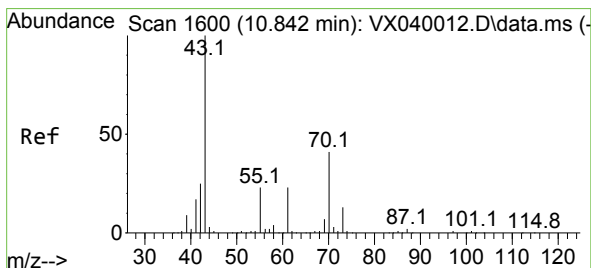
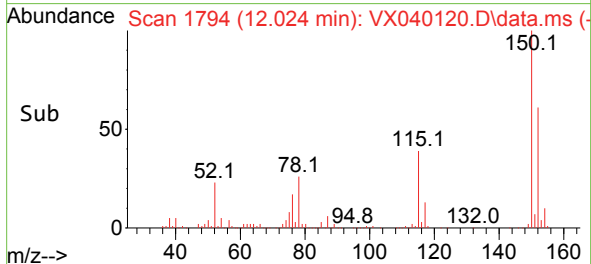
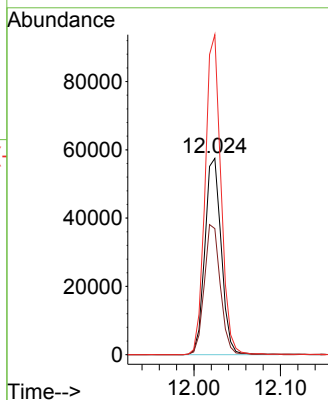
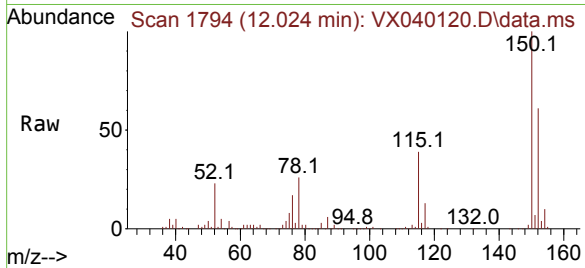




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040120.D
Acq: 05 Feb 2024 16:49

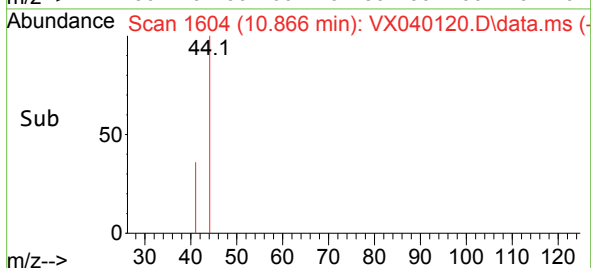
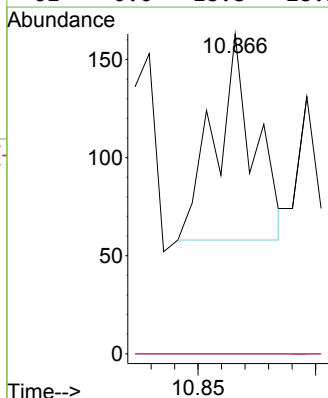
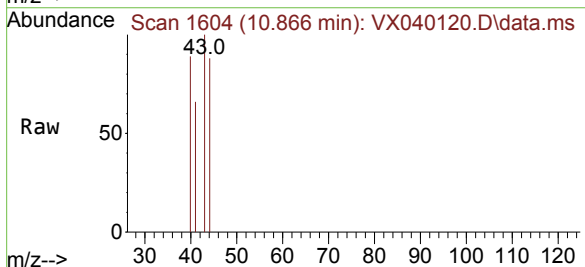
Instrument :
MSVOA_X
ClientSampleId :
CO-11-GRID-2

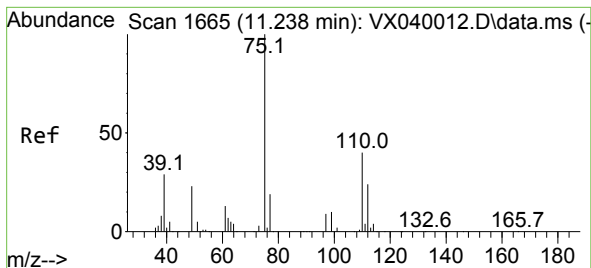
Tgt Ion:152 Resp: 75660
Ion Ratio Lower Upper
152 100
115 64.9 43.3 129.9
150 157.0 0.0 345.0



#74
N-amy1 acetate
Concen: 0.248 ug/l
RT: 10.866 min Scan# 1604
Delta R.T. 0.024 min
Lab File: VX040120.D
Acq: 05 Feb 2024 16:49

Tgt Ion: 43 Resp: 121
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: 26.350 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040120.D

Acq: 05 Feb 2024 16:49

Instrument :

MSVOA_X

ClientSampleId :

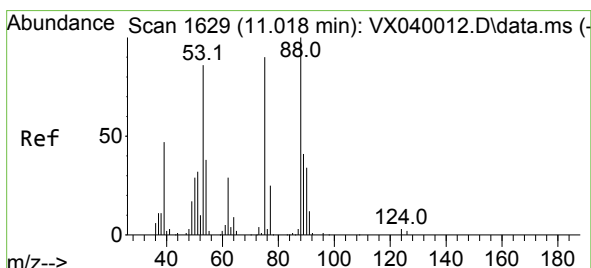
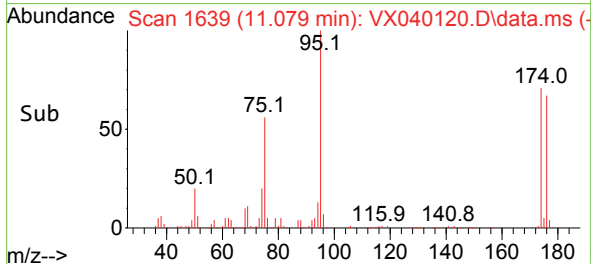
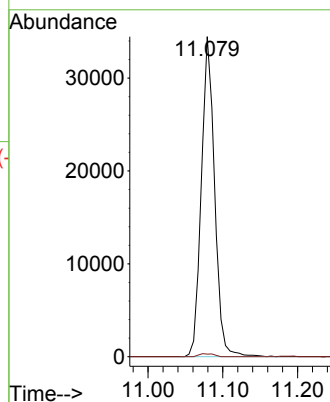
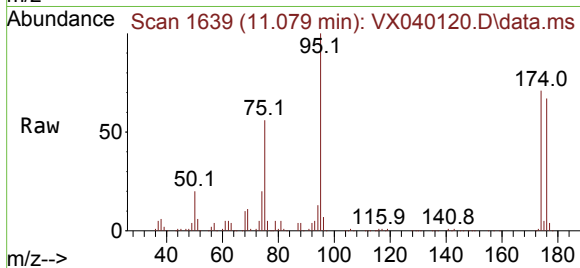
CO-11-GRID-2

Tgt Ion: 75 Resp: 42455

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.244 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040120.D

Acq: 05 Feb 2024 16:49

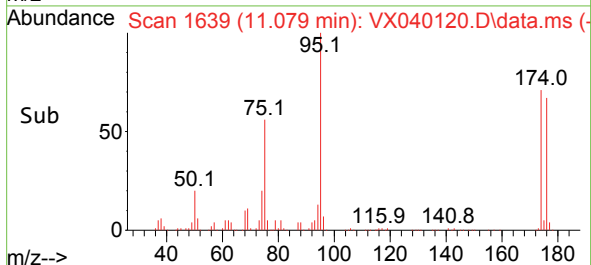
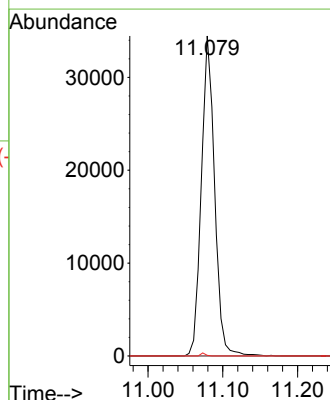
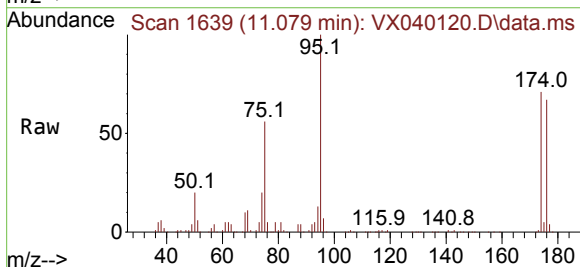
Tgt Ion: 75 Resp: 42455

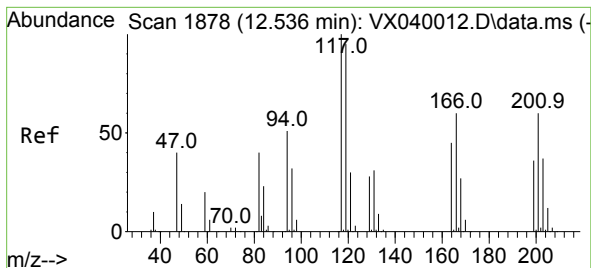
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.4 36.9 55.3#





#90

Hexachloroethane

Concen: Below Cal

RT: 12.329 min Scan# 11

Delta R.T. -0.207 min

Lab File: VX040120.D

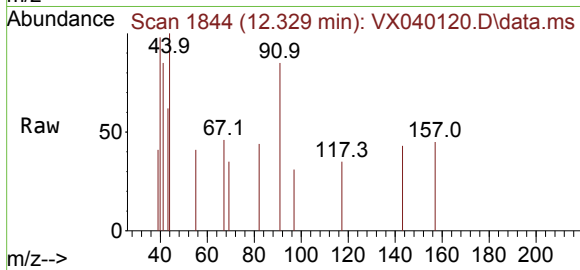
Acq: 05 Feb 2024 16:49

Instrument :

MSVOA_X

ClientSampleId :

CO-11-GRID-2



Tgt Ion:117 Resp: 21

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#

