

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021524\
 Data File : VX040249.D
 Acq On : 15 Feb 2024 14:05
 Operator : JC/MD
 Sample : P1458-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A1163

Quant Time: Feb 16 00:48:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

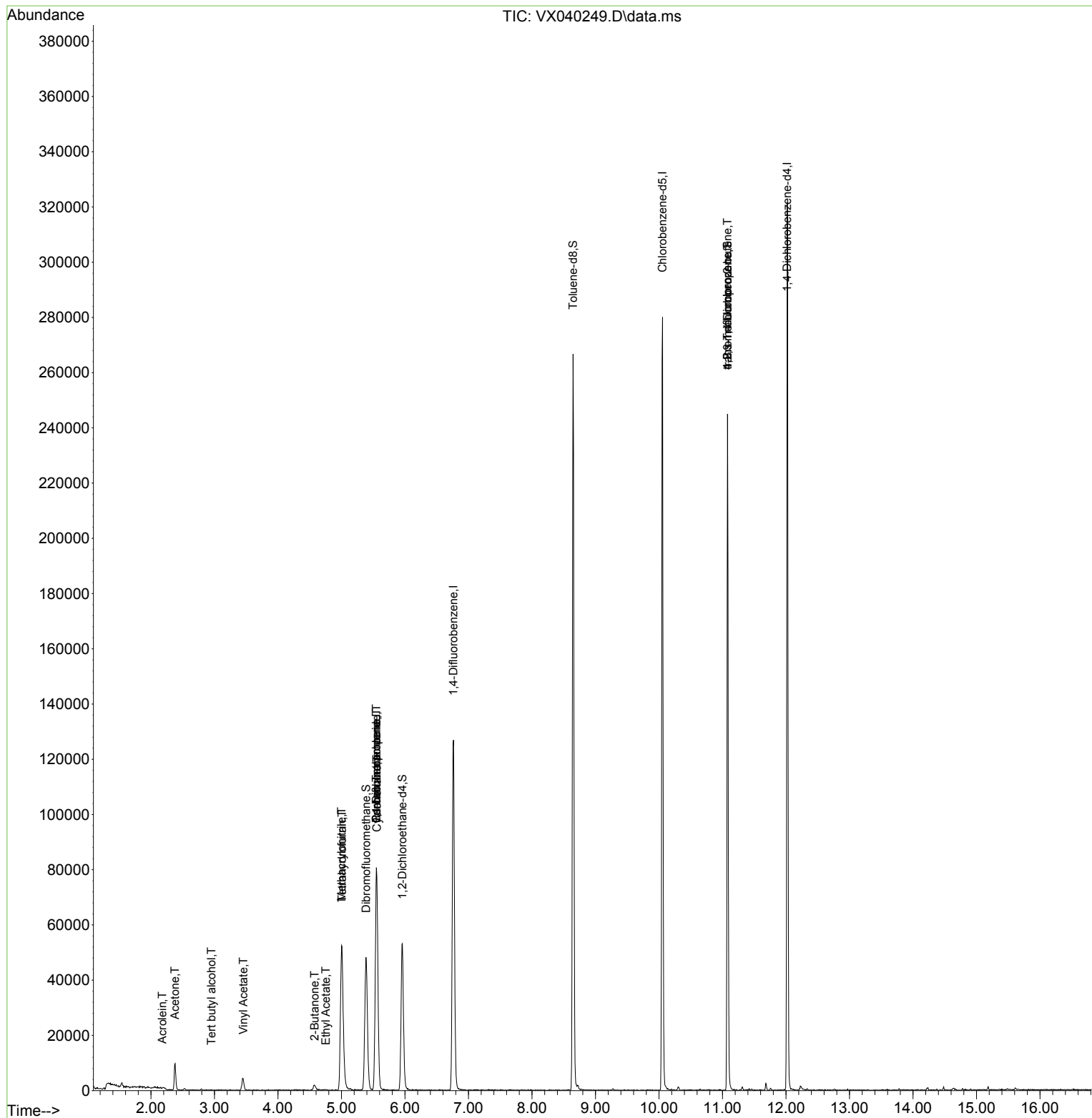
Internal Standards						
1) Pentafluorobenzene	5.550	168	79190	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	130678	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50820	43.137	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.280%
35) Dibromofluoromethane	5.385	113	41995	46.018	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.040%
50) Toluene-d8	8.647	98	159576	46.746	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.500%
62) 4-Bromofluorobenzene	11.079	95	62447	44.854	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.700%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	62	0.270	ug/l	# 78
13) Acrolein	2.179	56	74	0.349	ug/l	# 14
16) Acetone	2.380	43	10715	22.145	ug/l	99
20) Methylene Chloride	2.794	84	218	Below Cal	#	63
23) Vinyl Acetate	3.453	43	1078	0.425	ug/l	# 58
25) 2-Butanone	4.574	43	3446	4.556	ug/l	99
29) Tetrahydrofuran	5.007	42	49294	100.038	ug/l	95
31) Cyclohexane	5.556	56	1889	1.344	ug/l	# 37
36) 1,1-Dichloropropene	5.550	75	6399	5.006	ug/l	# 50
37) Ethyl Acetate	4.751	43	545	0.383	ug/l	# 69
38) Carbon Tetrachloride	5.550	117	8113	6.675	ug/l	# 14
41) Methacrylonitrile	5.001	41	27650	36.668	ug/l	# 51
76) 1,2,3-Trichloropropane	11.079	75	33013	24.827	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	33013	68.318	ug/l	# 5

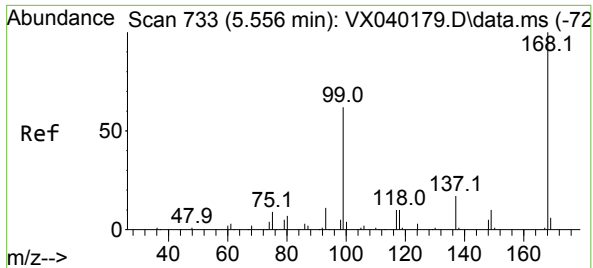
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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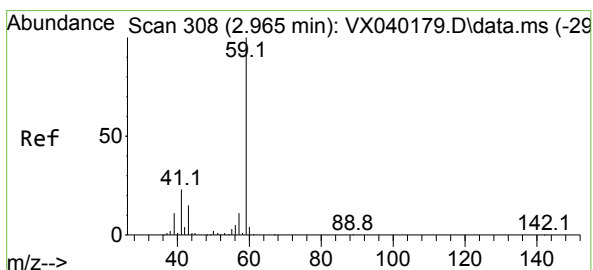
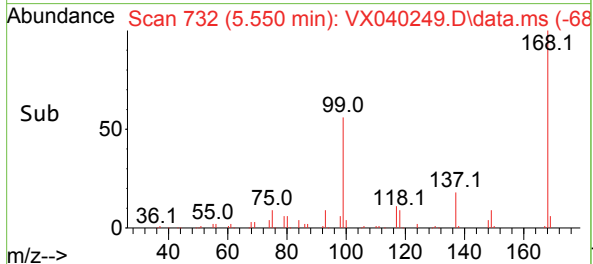
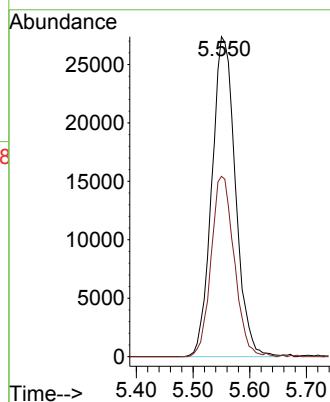
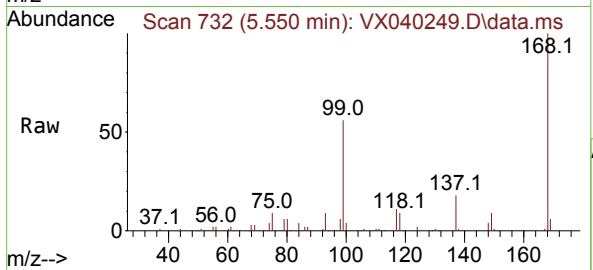




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

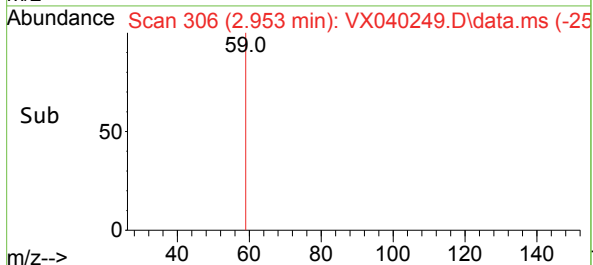
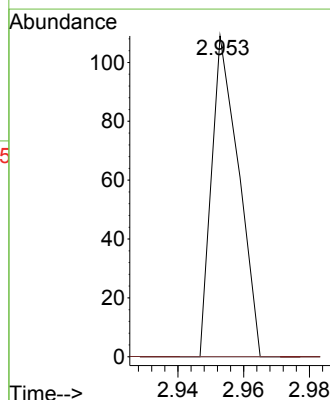
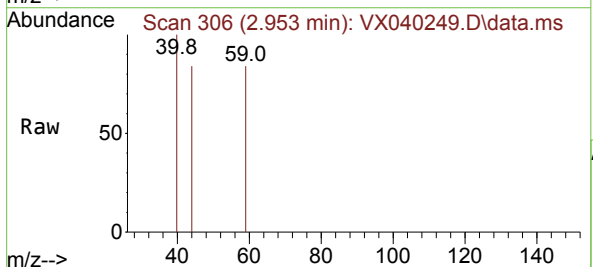
Instrument :
MSVOA_X
ClientSampleId :
A1163

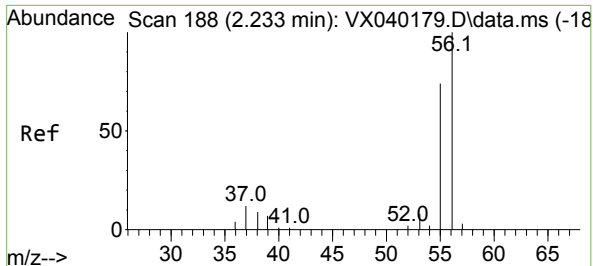
Tgt Ion:168 Resp: 79190
Ion Ratio Lower Upper
168 100
99 56.3 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.270 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

Tgt Ion: 59 Resp: 62
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

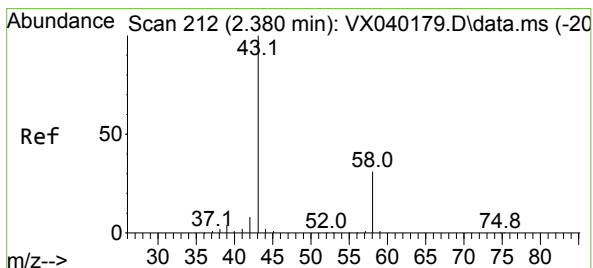
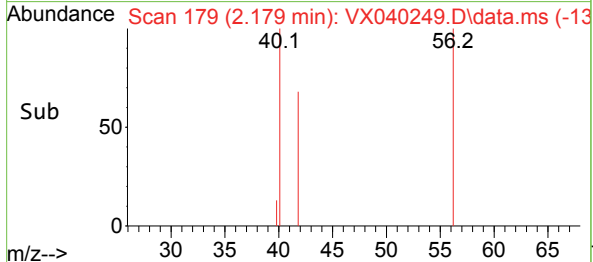
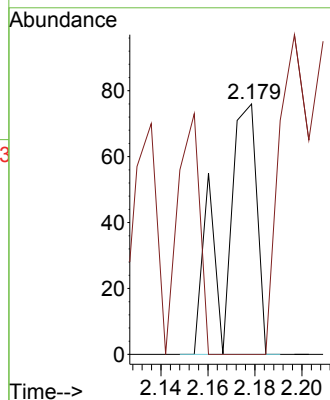
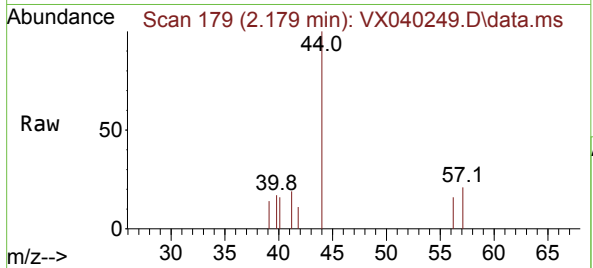




#13
Acrolein
Concen: 0.349 ug/l
RT: 2.179 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

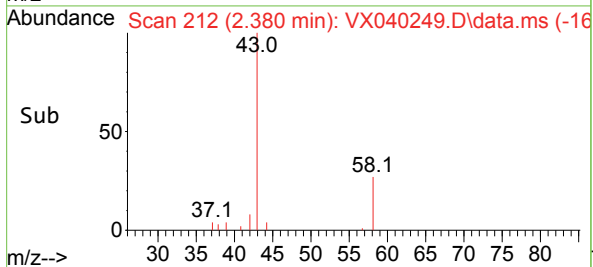
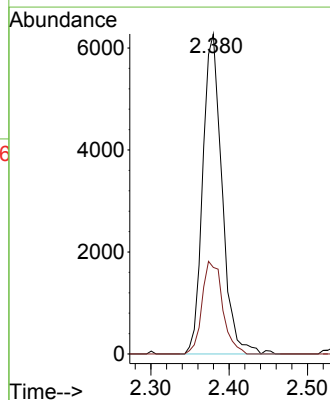
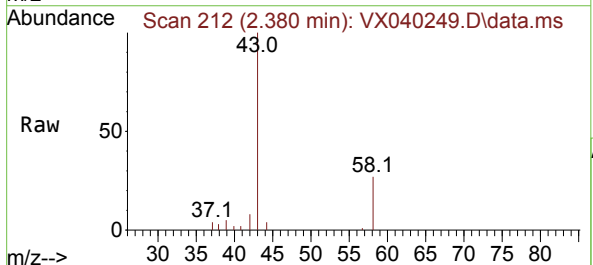
Instrument :
MSVOA_X
ClientSampleId :
A1163

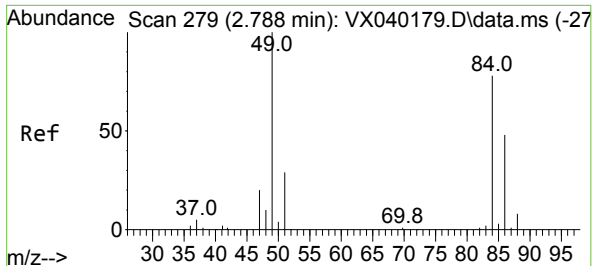
Tgt Ion: 56 Resp: 74
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 22.145 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

Tgt Ion: 43 Resp: 10715
Ion Ratio Lower Upper
43 100
58 27.1 21.9 32.9





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040249.D

Acq: 15 Feb 2024 14:05

Instrument :

MSVOA_X

ClientSampleId :

A1163

Tgt Ion: 84 Resp: 218

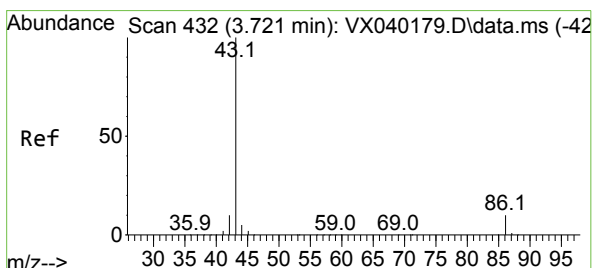
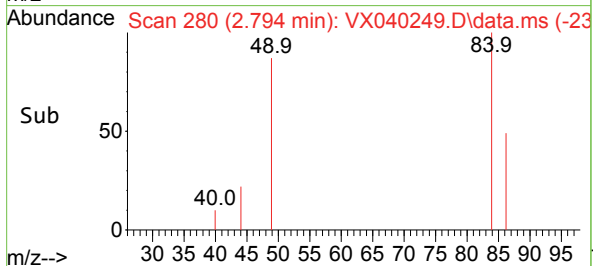
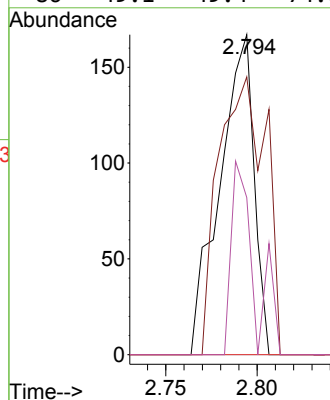
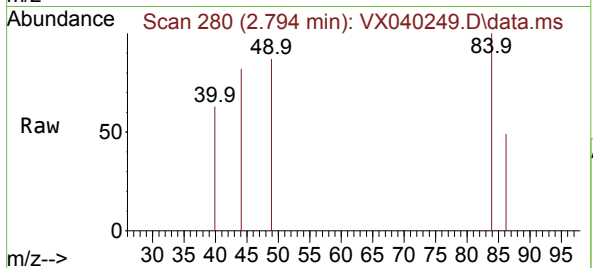
Ion Ratio Lower Upper

84 100

49 86.8 103.6 155.4#

51 0.0 33.8 50.6#

86 49.1 49.4 74.0#



#23

Vinyl Acetate

Concen: 0.425 ug/l

RT: 3.453 min Scan# 388

Delta R.T. -0.268 min

Lab File: VX040249.D

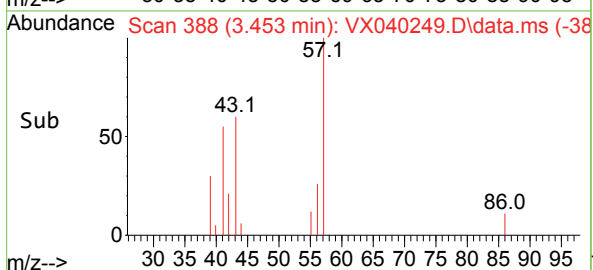
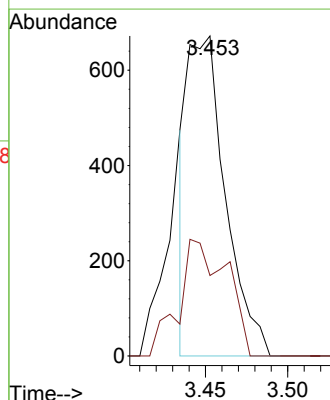
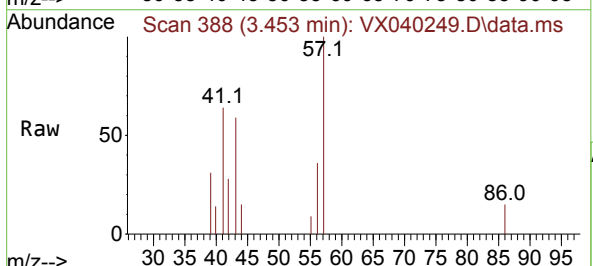
Acq: 15 Feb 2024 14:05

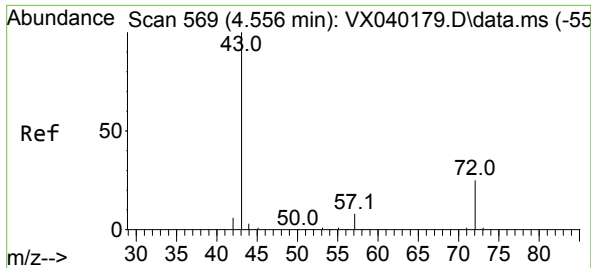
Tgt Ion: 43 Resp: 1078

Ion Ratio Lower Upper

43 100

86 25.1 7.8 11.8#

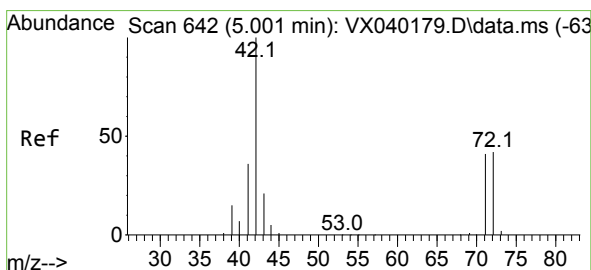
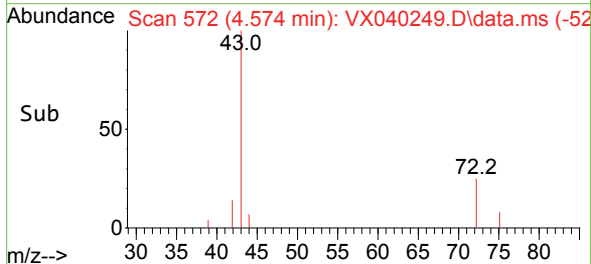
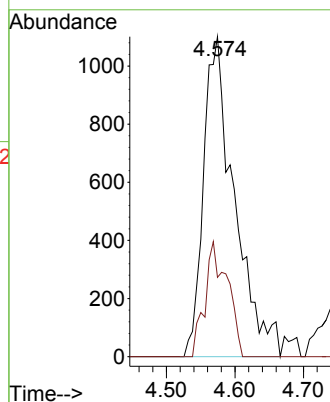
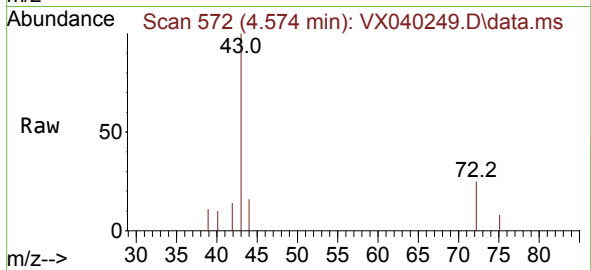




#25
2-Butanone
Concen: 4.556 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

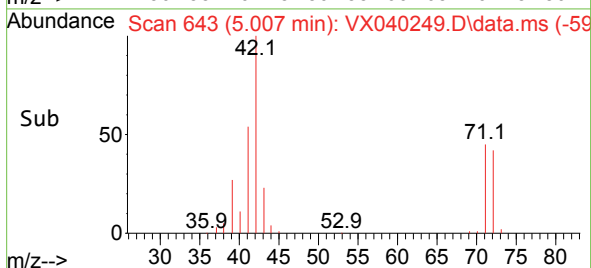
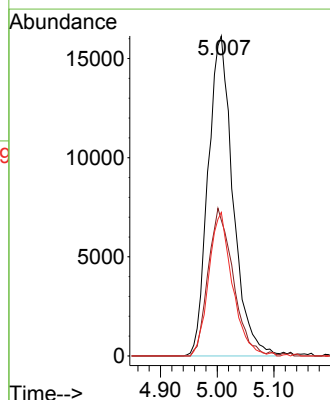
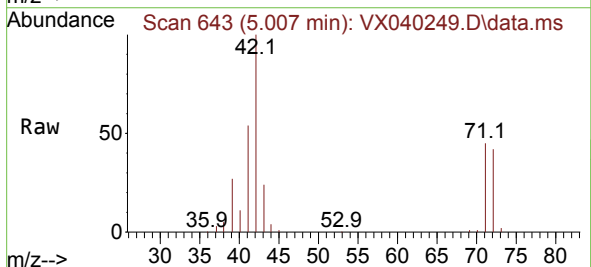
Instrument :
MSVOA_X
ClientSampleId :
A1163

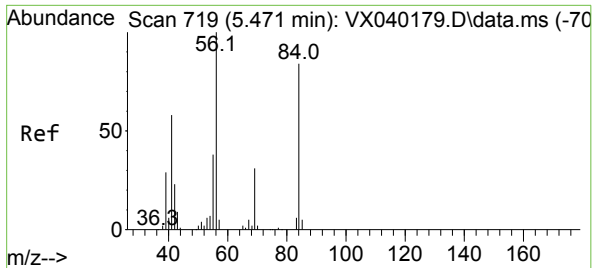
Tgt Ion: 43 Resp: 3446
Ion Ratio Lower Upper
43 100
72 24.8 19.4 29.2



#29
Tetrahydrofuran
Concen: 100.038 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

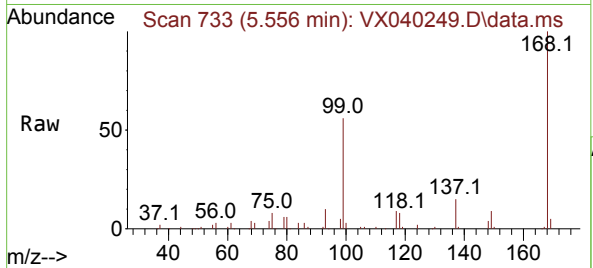
Tgt Ion: 42 Resp: 49294
Ion Ratio Lower Upper
42 100
72 46.2 34.2 51.4
71 42.7 32.2 48.2



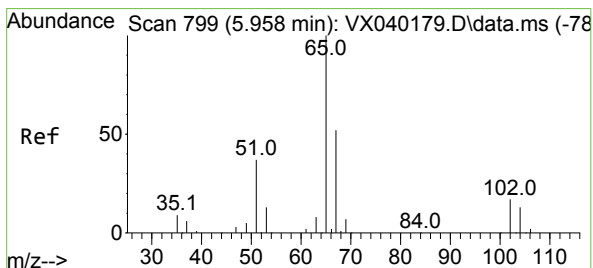
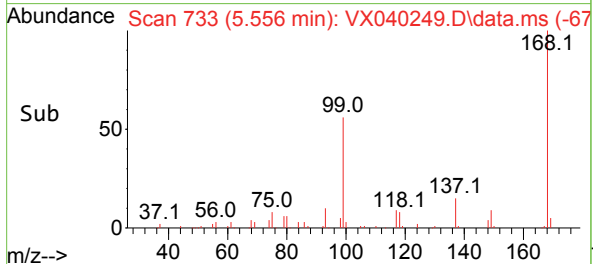
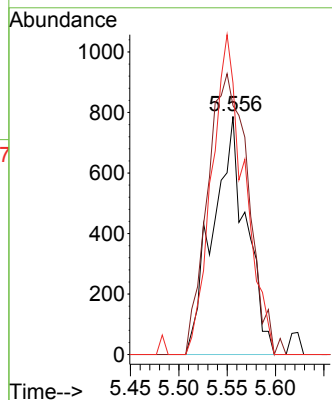


#31
Cyclohexane
Concen: 1.344 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

Instrument :
MSVOA_X
ClientSampleId :
A1163

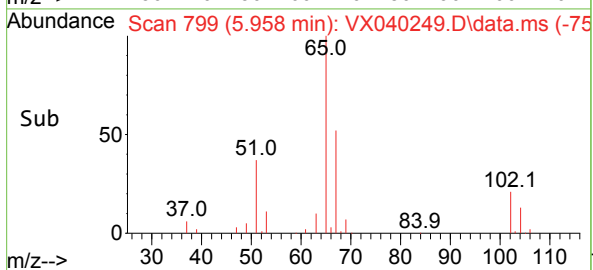
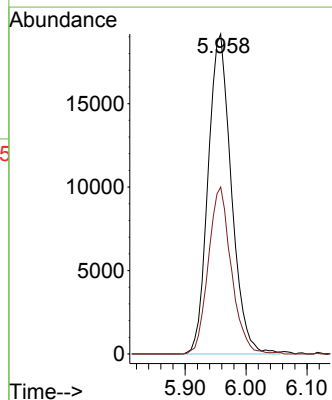
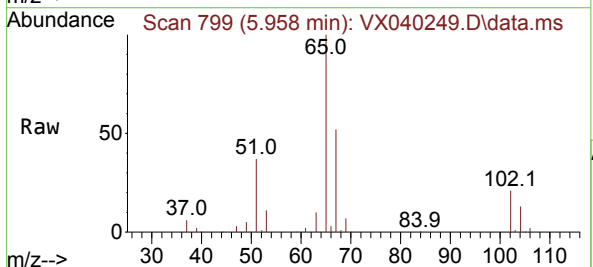


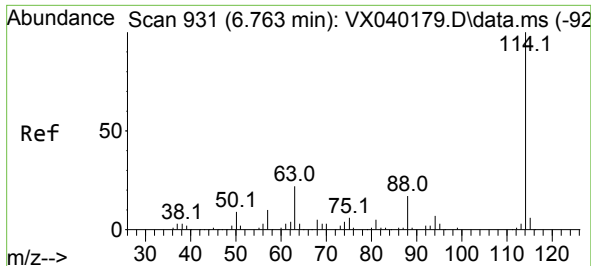
Tgt Ion: 56 Resp: 1889
Ion Ratio Lower Upper
56 100
69 104.6 23.4 35.2#
84 114.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.137 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

Tgt Ion: 65 Resp: 50820
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

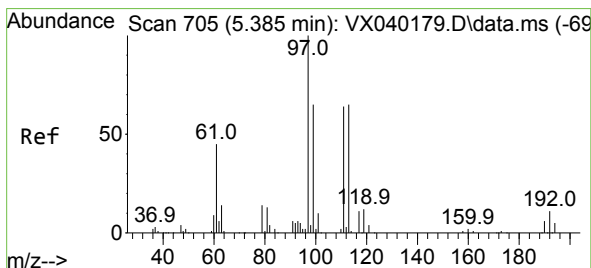
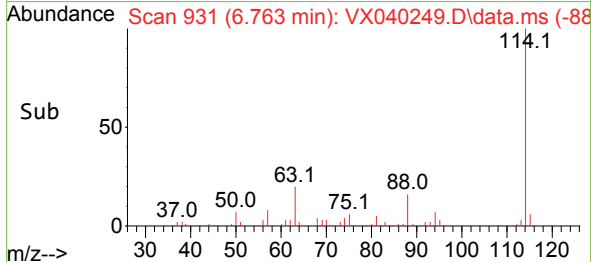
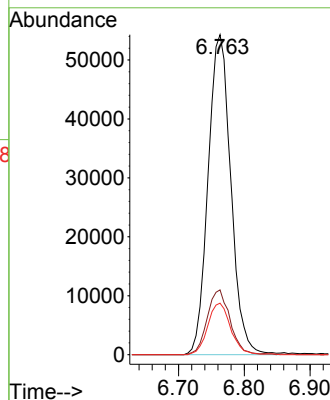
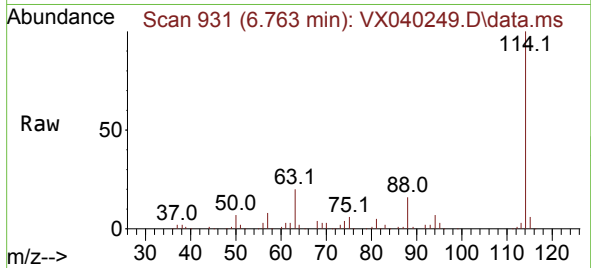




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

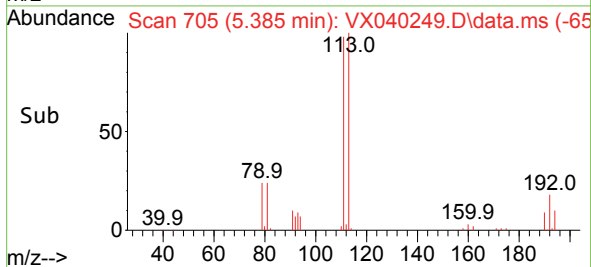
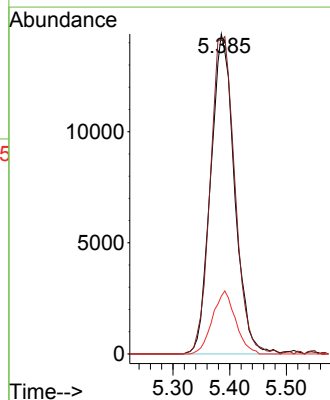
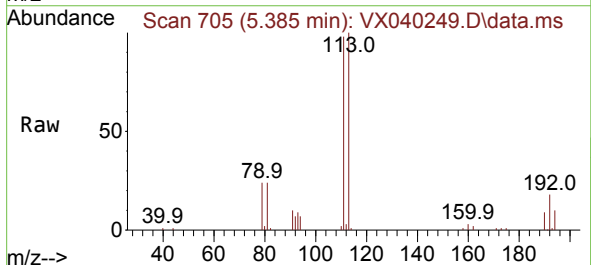
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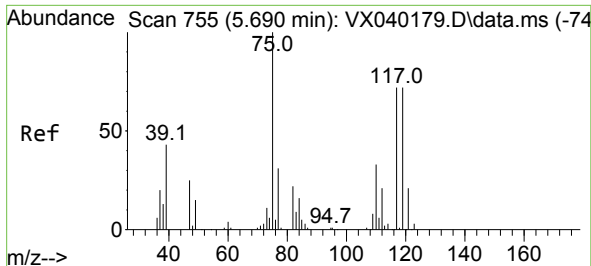
Tgt Ion:114 Resp: 130678
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.018 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

Tgt Ion:113 Resp: 41995
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 19.1 13.3 19.9

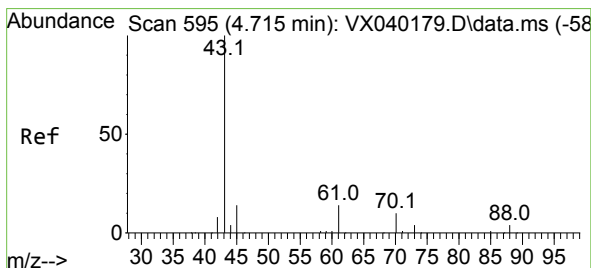
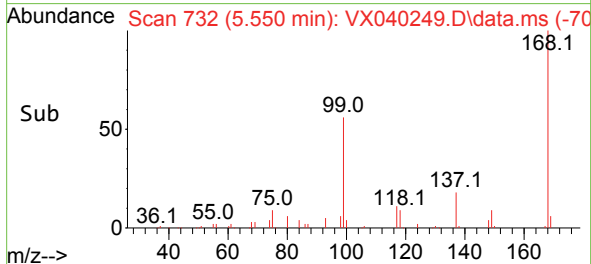
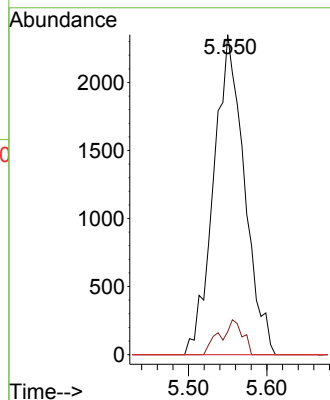
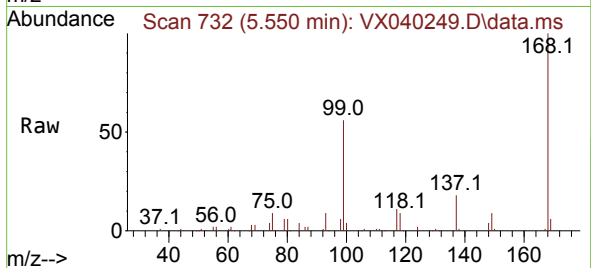




#36
1,1-Dichloropropene
Concen: 5.006 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

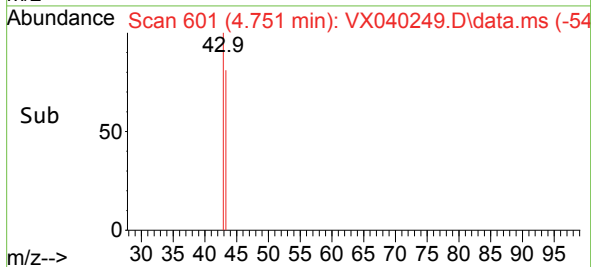
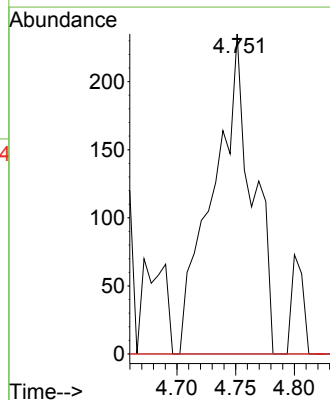
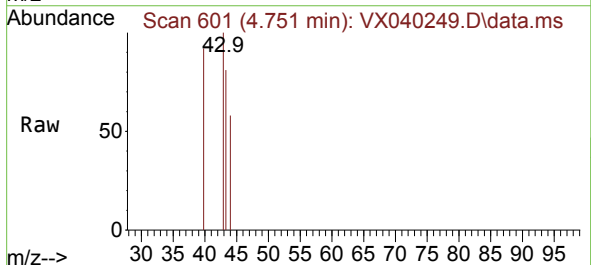
Instrument :
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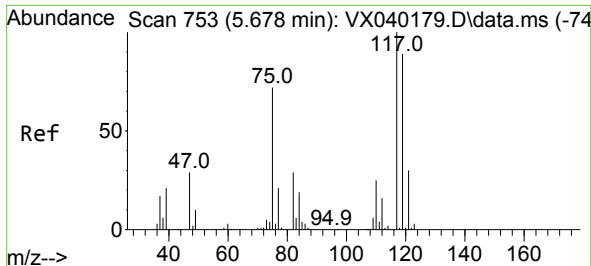
Tgt Ion: 75 Resp: 6399
Ion Ratio Lower Upper
75 100
110 8.0 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.383 ug/l
RT: 4.751 min Scan# 601
Delta R.T. 0.031 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

Tgt Ion: 43 Resp: 545
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#

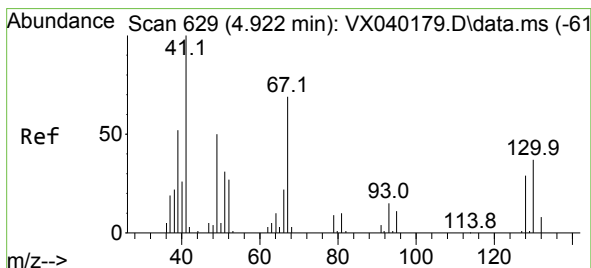
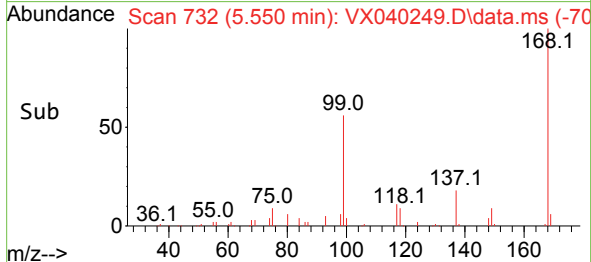
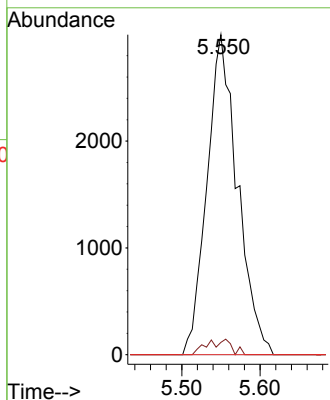
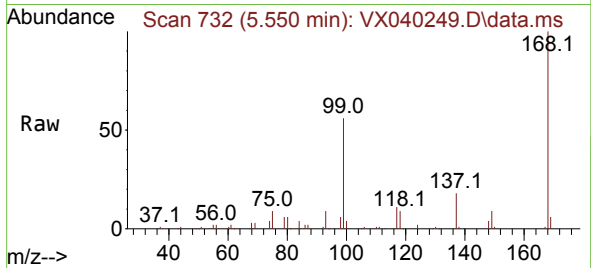




#38
Carbon Tetrachloride
Concen: 6.675 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

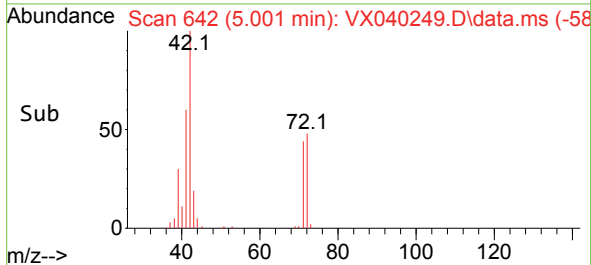
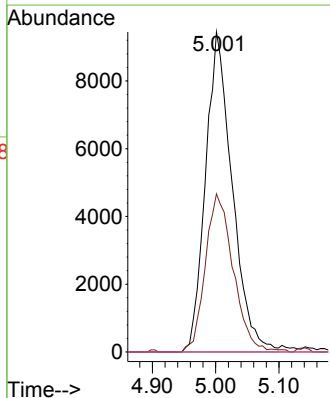
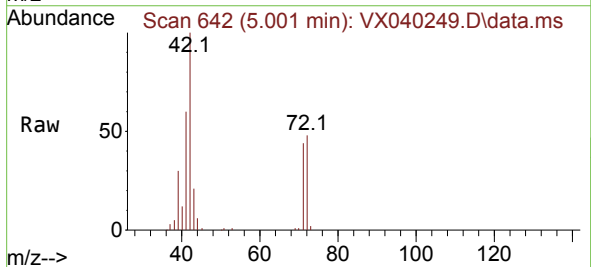
Instrument :
MSVOA_X
ClientSampleId :
A1163

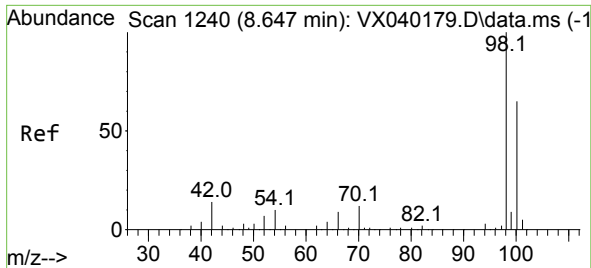
Tgt Ion:117 Resp: 8113
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 36.668 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.073 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

Tgt Ion: 41 Resp: 27650
Ion Ratio Lower Upper
41 100
39 51.8 45.2 67.8
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

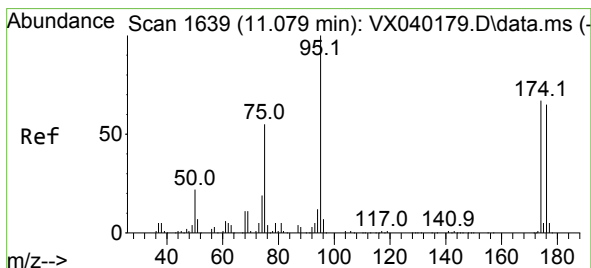
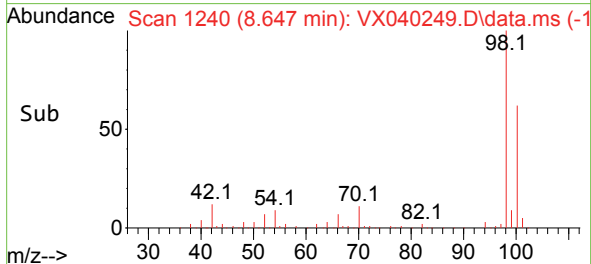
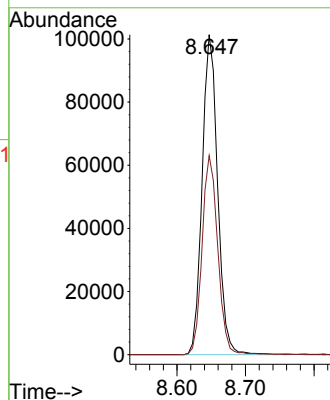
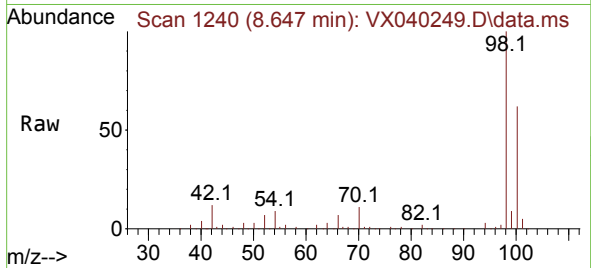




#50
Toluene-d8
Concen: 46.746 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

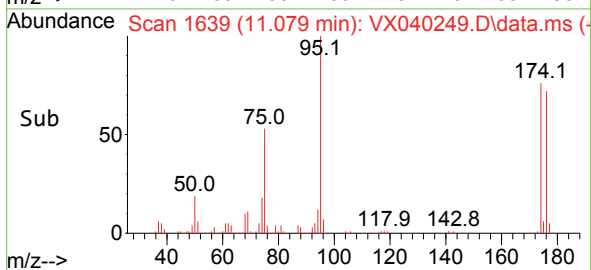
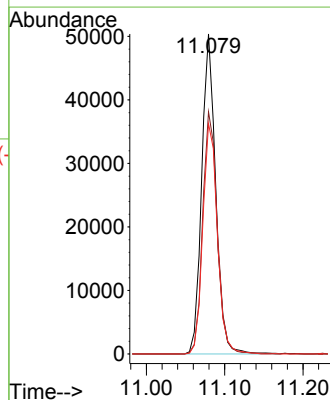
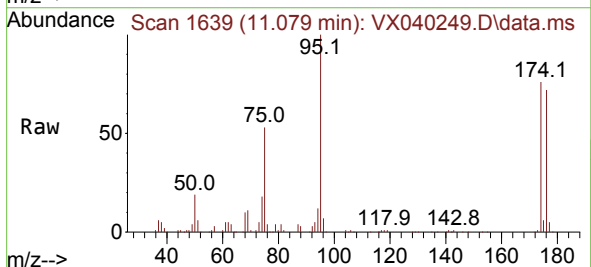
Instrument :
MSVOA_X
ClientSampleId :
A1163

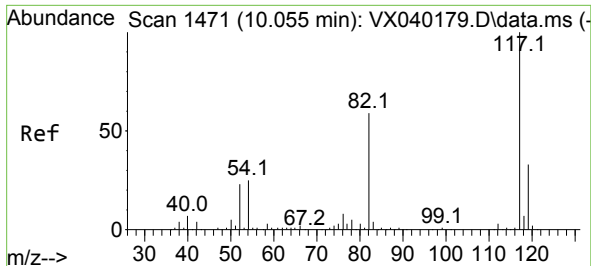
Tgt Ion: 98 Resp: 159576
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.854 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

Tgt Ion: 95 Resp: 62447
Ion Ratio Lower Upper
95 100
174 79.1 0.0 135.6
176 74.8 0.0 131.0

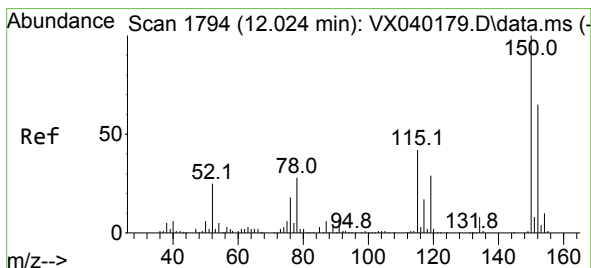
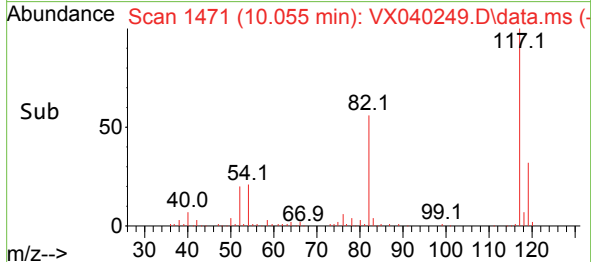
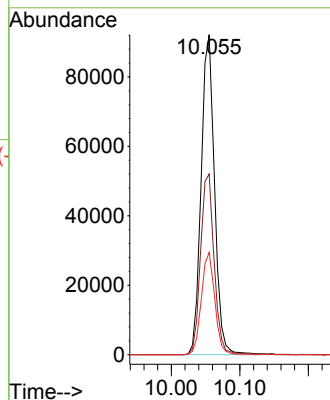
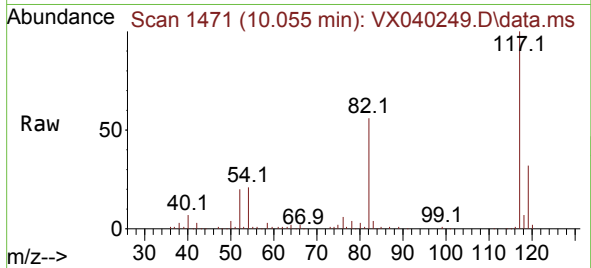




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

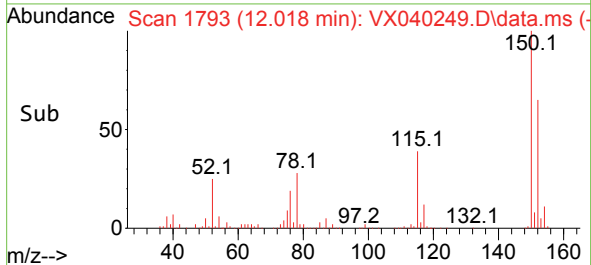
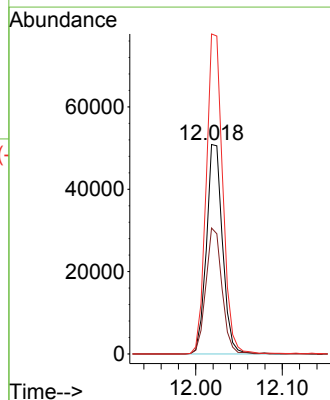
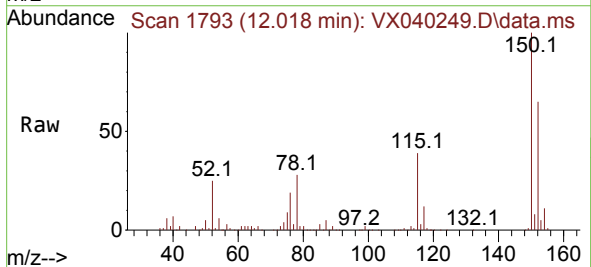
Instrument :
MSVOA_X
ClientSampleId :
A1163

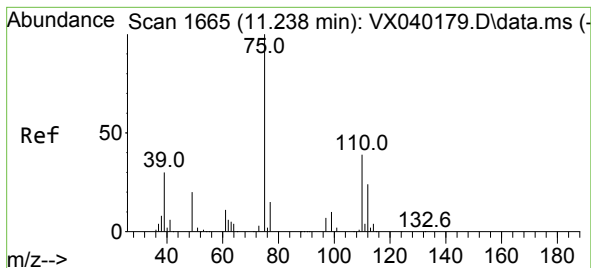
Tgt Ion:117 Resp: 125730
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

Tgt Ion:152 Resp: 65663
Ion Ratio Lower Upper
152 100
115 60.5 43.3 129.9
150 157.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.827 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040249.D

Acq: 15 Feb 2024 14:05

Instrument :

MSVOA_X

ClientSampleId :

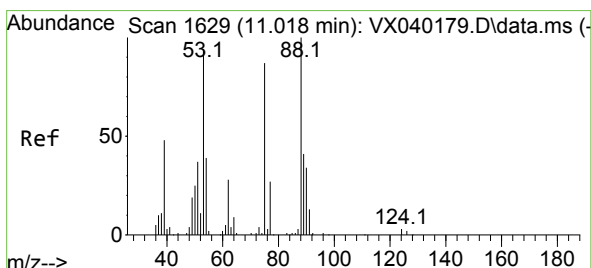
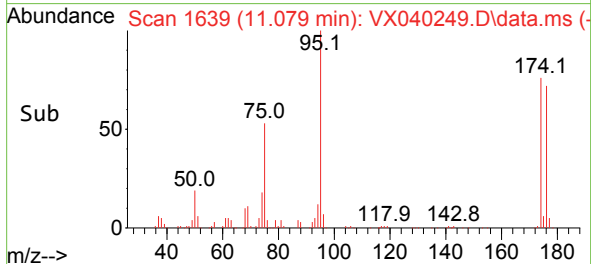
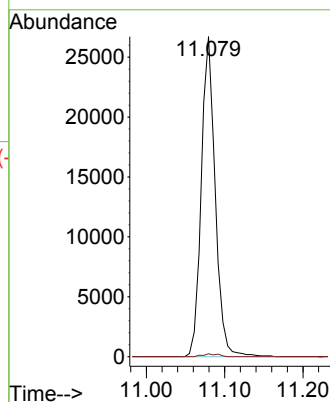
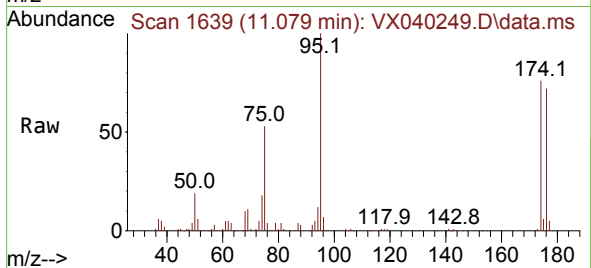
A1163

Tgt Ion: 75 Resp: 33013

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.318 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040249.D

Acq: 15 Feb 2024 14:05

Tgt Ion: 75 Resp: 33013

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

