

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
 Data File : VX041809.D
 Acq On : 10 Jun 2024 14:44
 Operator : JC/MD
 Sample : P2767-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 11 03:49:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

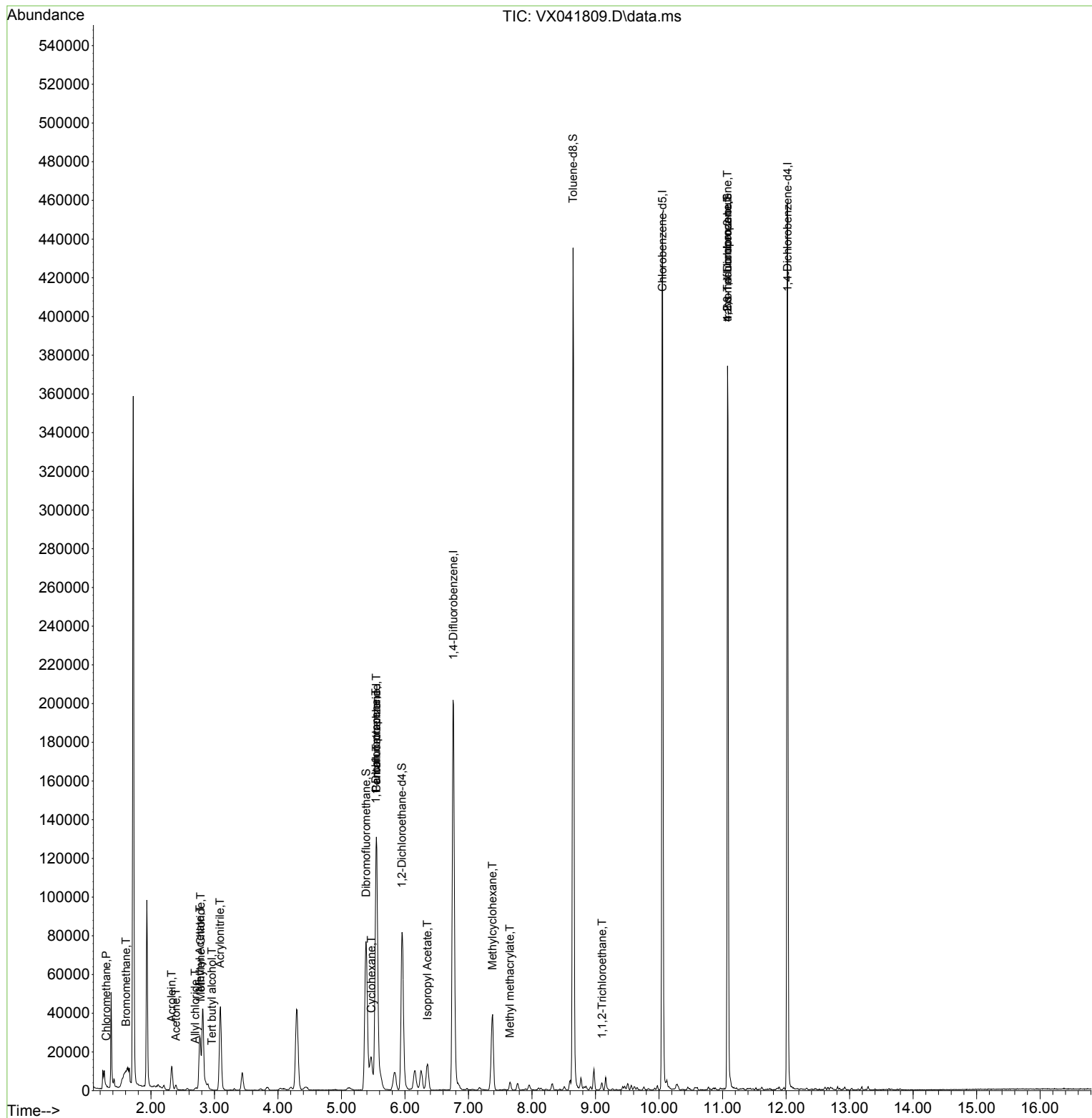
Internal Standards						
1) Pentafluorobenzene	5.550	168	137847	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	215605	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83047	49.121	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.240%		
35) Dibromofluoromethane	5.385	113	67136	45.037	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.080%		
50) Toluene-d8	8.647	98	257667	49.469	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.940%		
62) 4-Bromofluorobenzene	11.079	95	96847	50.378	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.760%		
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	384	0.291	ug/l	# 83
5) Bromomethane	1.605	94	416	0.439	ug/l	# 37
11) Tert butyl alcohol	2.959	59	201	0.672	ug/l	# 78
13) Acrolein	2.325	56	1703	6.116	ug/l	# 80
14) Allyl chloride	2.696	41	552	0.273	ug/l	# 60
15) Acrylonitrile	3.087	53	1195	1.629	ug/l	# 37
16) Acetone	2.392	43	3061	1.435	ug/l	97
18) Methyl Acetate	2.770	43	17860	11.064	ug/l	# 53
20) Methylene Chloride	2.782	84	1437	0.950	ug/l	# 71
31) Cyclohexane	5.470	56	10746	5.384	ug/l	98
36) 1,1-Dichloropropene	5.544	75	9187	5.090	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	12261	5.979	ug/l	# 15
39) Methylcyclohexane	7.379	83	16359	7.377	ug/l	95
43) Isopropyl Acetate	6.354	43	853	0.248	ug/l	# 62
48) Methyl methacrylate	7.653	41	1101	0.667	ug/l	# 69
55) 1,1,2-Trichloroethane	9.104	97	1325	0.918	ug/l	# 22
76) 1,2,3-Trichloropropane	11.079	75	47874	25.844	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	47874	70.438	ug/l	# 5

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

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Quant Time: Jun 11 03:49:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration

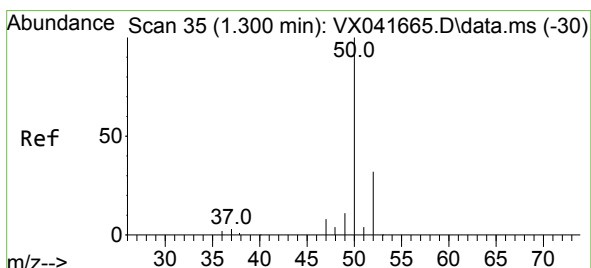
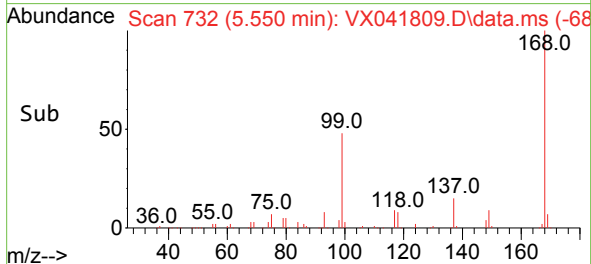
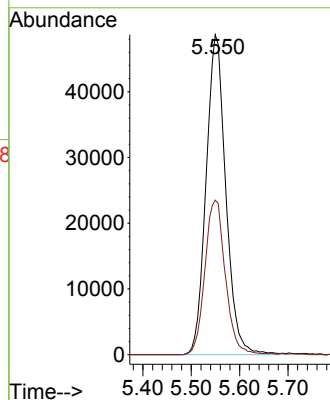
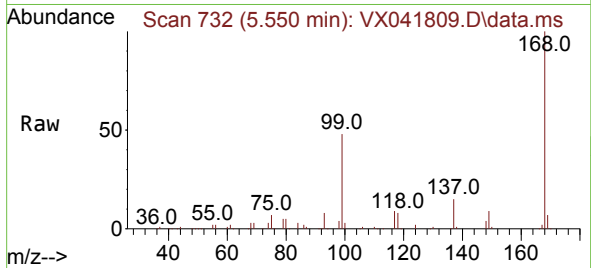




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041809.D
Acq: 10 Jun 2024 14:44

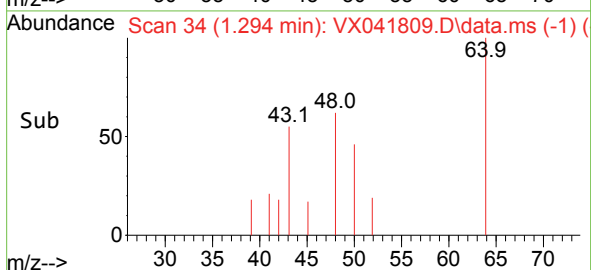
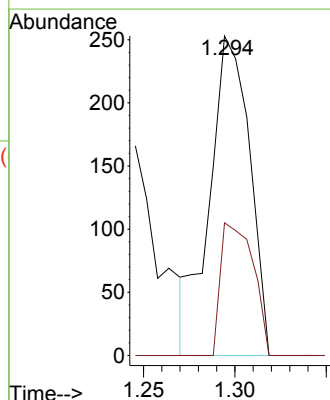
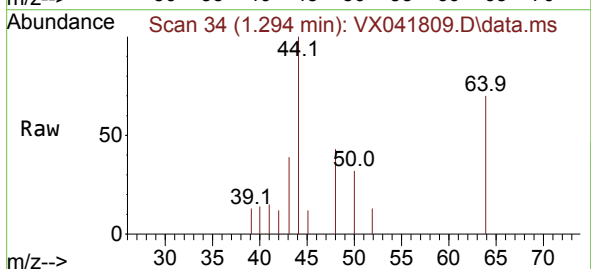
Instrument :
MSVOA_X
ClientSampleId :

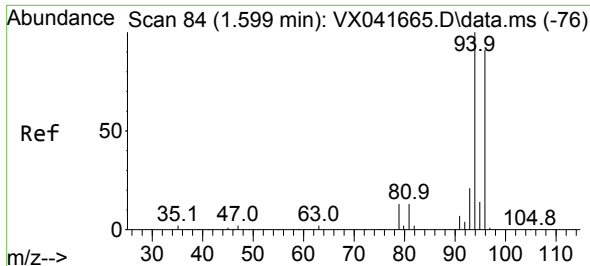
Tgt Ion:168 Resp: 137847
Ion Ratio Lower Upper
168 100
99 48.3 56.6 85.0#



#3
Chloromethane
Concen: 0.291 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041809.D
Acq: 10 Jun 2024 14:44

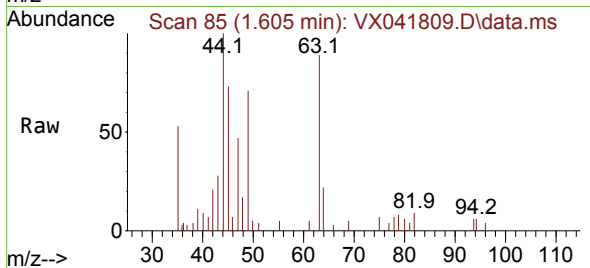
Tgt Ion: 50 Resp: 384
Ion Ratio Lower Upper
50 100
52 41.5 25.5 38.3#



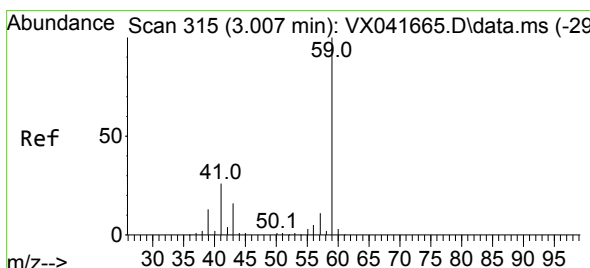
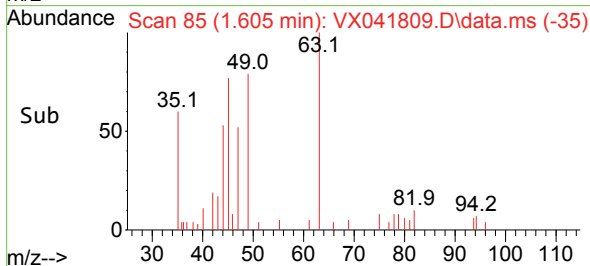
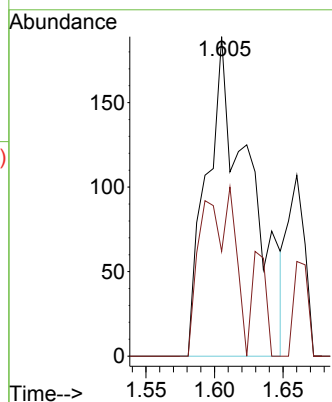


#5
Bromomethane
Concen: 0.439 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX041809.D
Acq: 10 Jun 2024 14:44

Instrument :
MSVOA_X
ClientSampleId :

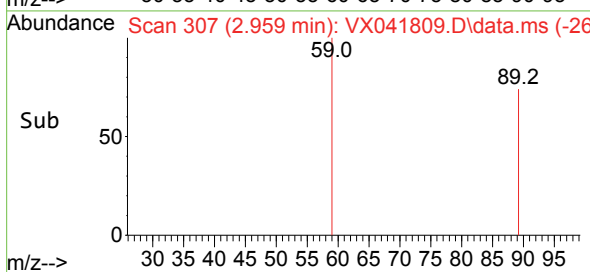
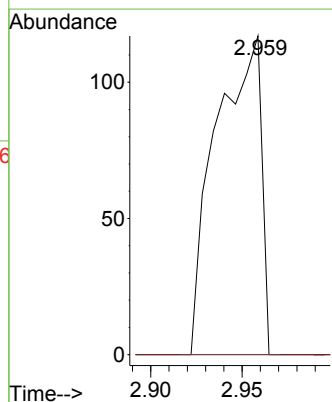
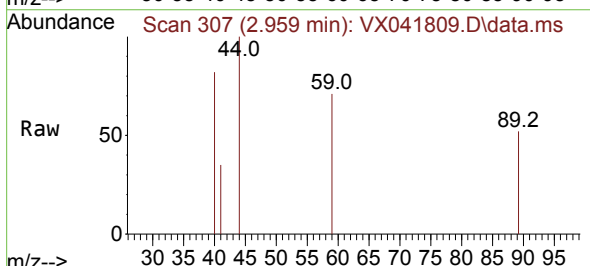


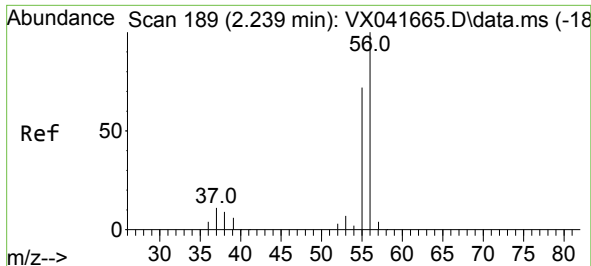
Tgt Ion: 94 Resp: 416
Ion Ratio Lower Upper
94 100
96 32.8 74.6 111.8#



#11
Tert butyl alcohol
Concen: 0.672 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.049 min
Lab File: VX041809.D
Acq: 10 Jun 2024 14:44

Tgt Ion: 59 Resp: 201
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 6.116 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.085 min

Lab File: VX041809.D

Acq: 10 Jun 2024 14:44

Instrument :

MSVOA_X

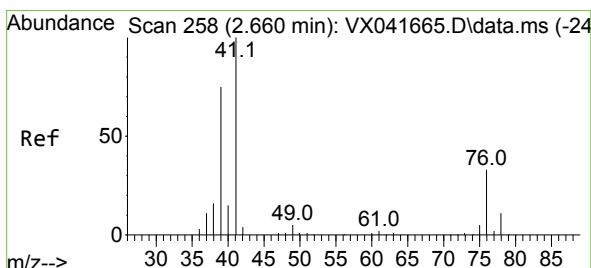
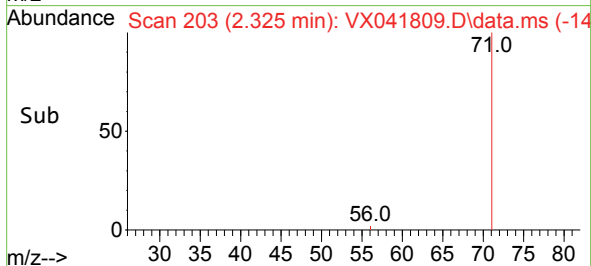
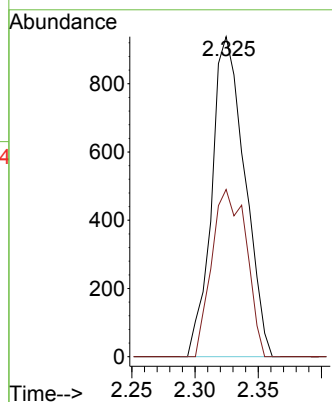
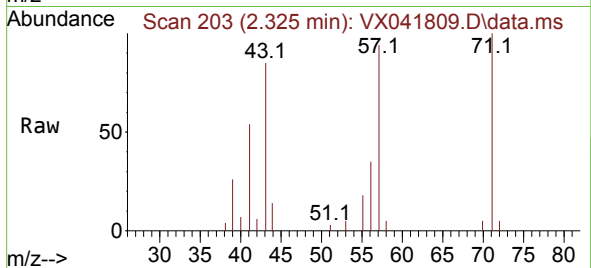
ClientSampleId :

Tgt Ion: 56 Resp: 1703

Ion Ratio Lower Upper

56 100

55 54.6 57.1 85.7#



#14

Allyl chloride

Concen: 0.273 ug/l

RT: 2.696 min Scan# 264

Delta R.T. 0.037 min

Lab File: VX041809.D

Acq: 10 Jun 2024 14:44

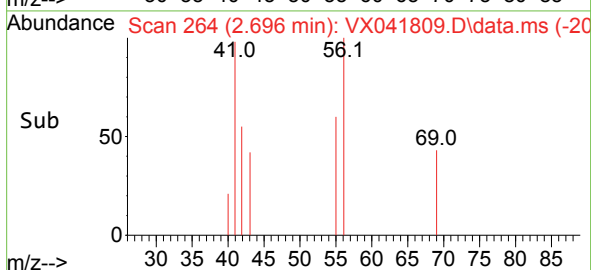
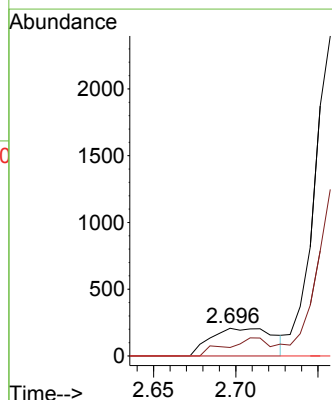
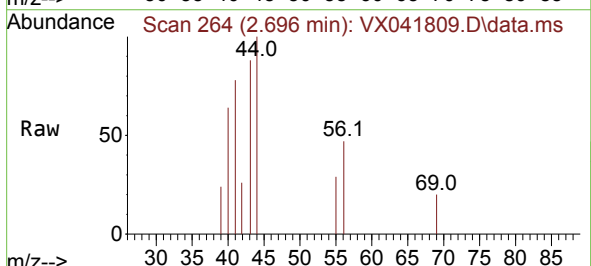
Tgt Ion: 41 Resp: 552

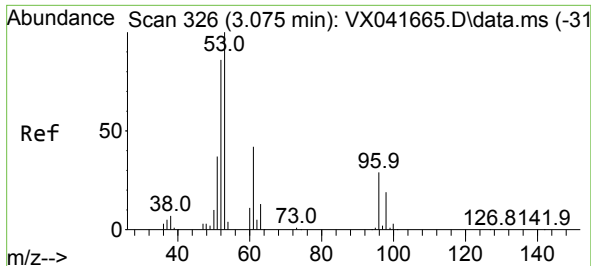
Ion Ratio Lower Upper

41 100

39 42.2 55.8 83.6#

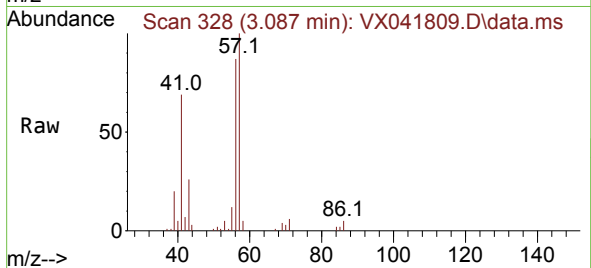
76 0.0 24.3 36.5#



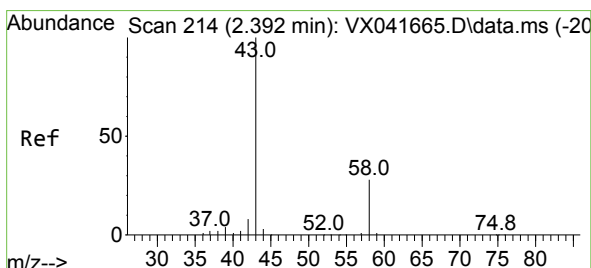
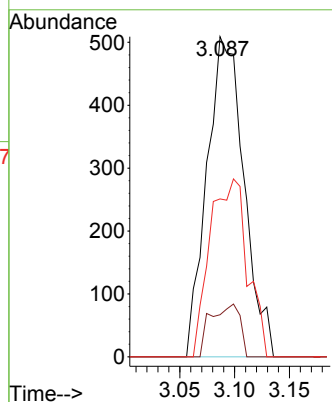
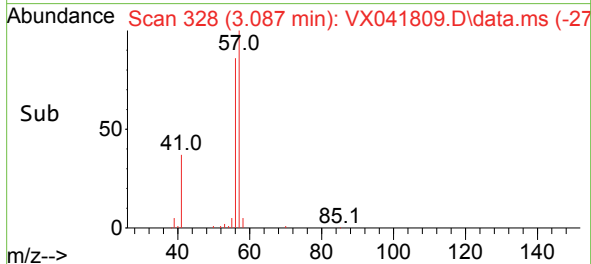


#15
Acrylonitrile
Concen: 1.629 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX041809.D
Acq: 10 Jun 2024 14:44

Instrument :
MSVOA_X
ClientSampleId :

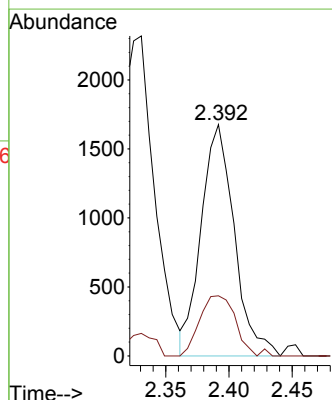
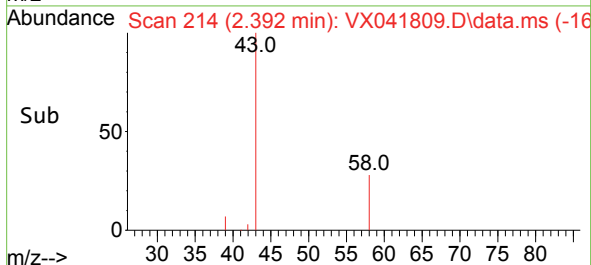
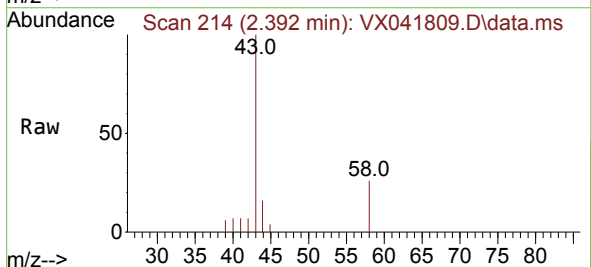


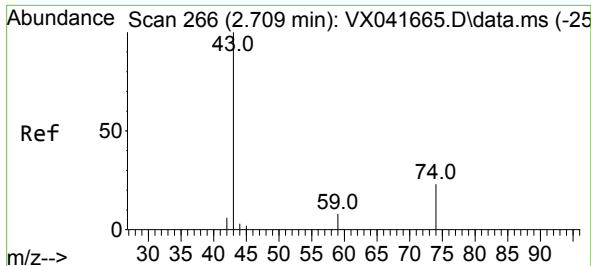
Tgt Ion: 53 Resp: 1195
Ion Ratio Lower Upper
53 100
52 13.1 66.0 99.0#
51 56.3 29.8 44.6#



#16
Acetone
Concen: 1.435 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041809.D
Acq: 10 Jun 2024 14:44

Tgt Ion: 43 Resp: 3061
Ion Ratio Lower Upper
43 100
58 26.0 21.9 32.9

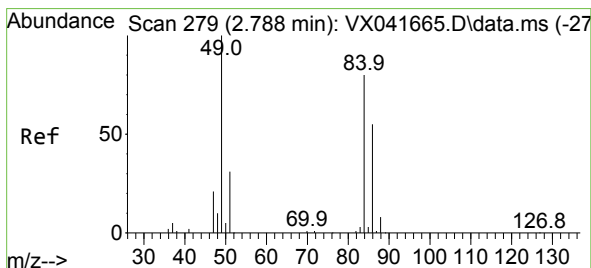
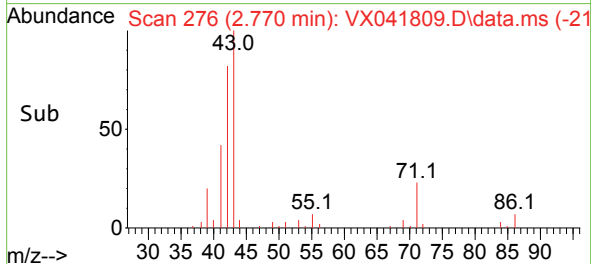
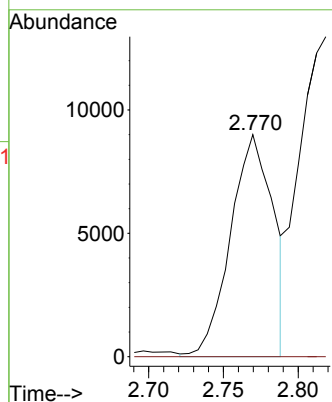
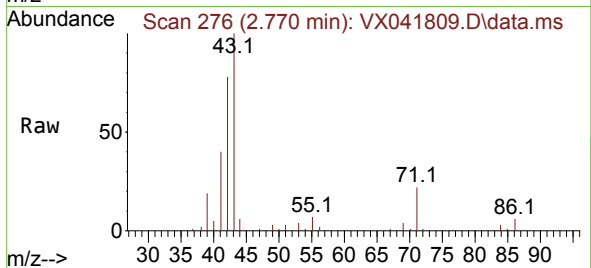




#18
Methyl Acetate
Concen: 11.064 ug/l
RT: 2.770 min Scan# 21
Delta R.T. 0.061 min
Lab File: VX041809.D
Acq: 10 Jun 2024 14:44

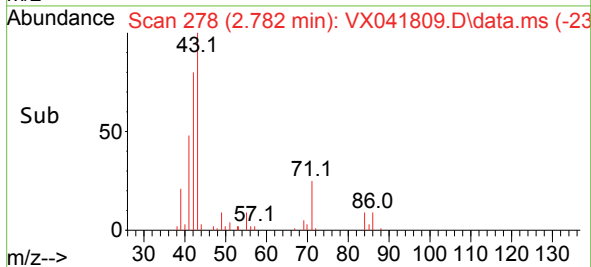
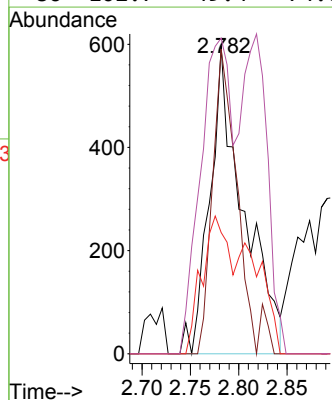
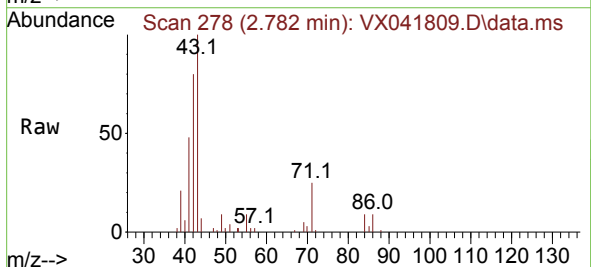
Instrument :
MSVOA_X
ClientSampleId :

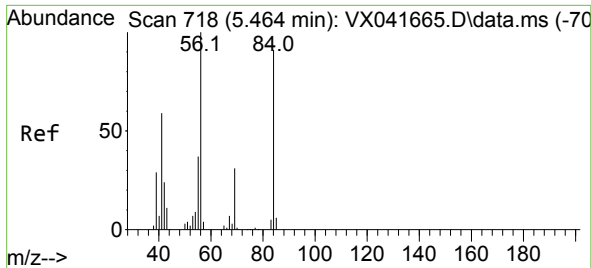
Tgt Ion: 43 Resp: 17860
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.950 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041809.D
Acq: 10 Jun 2024 14:44

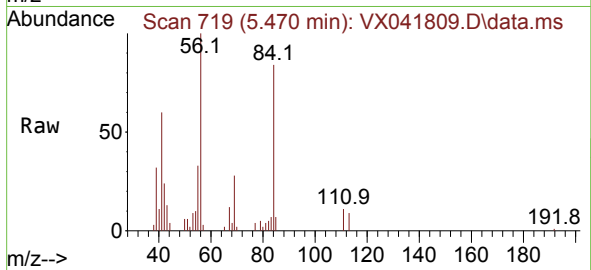
Tgt Ion: 84 Resp: 1437
Ion Ratio Lower Upper
84 100
49 99.2 103.6 155.4#
51 39.4 33.8 50.6
86 102.7 49.4 74.0#



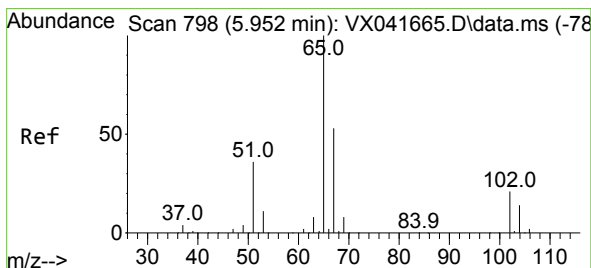
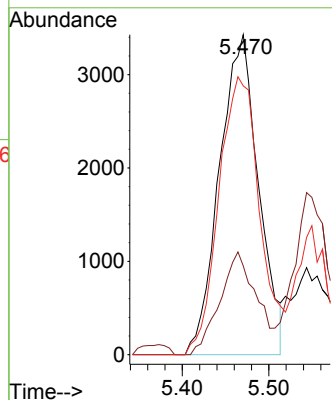
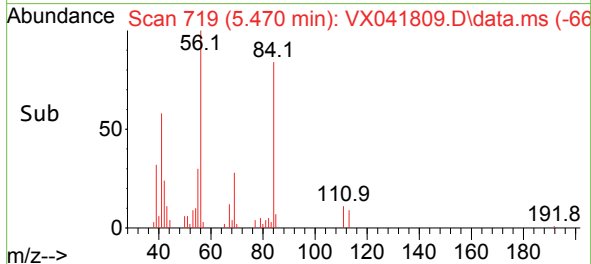


#31
Cyclohexane
Concen: 5.384 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX041809.D
Acq: 10 Jun 2024 14:44

Instrument :
MSVOA_X
ClientSampleId :

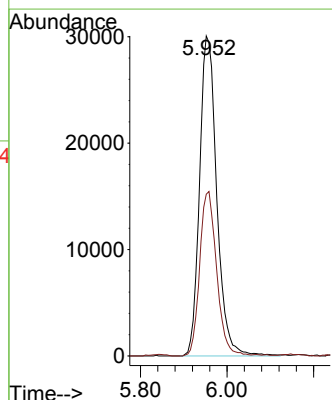
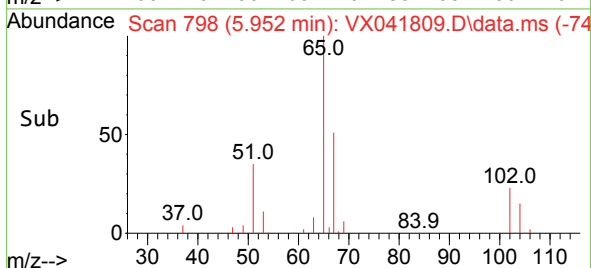
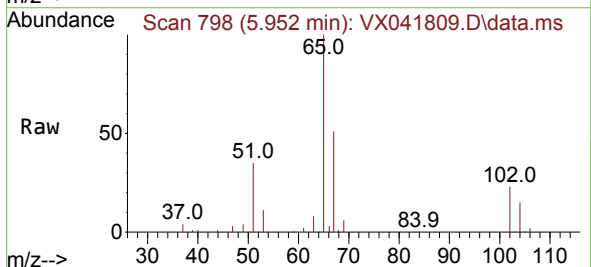


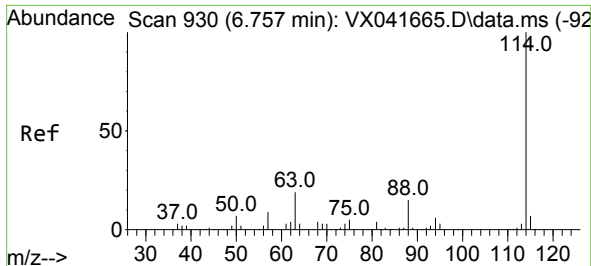
Tgt Ion: 56 Resp: 10746
Ion Ratio Lower Upper
56 100
69 27.8 23.4 35.2
84 84.0 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 49.121 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041809.D
Acq: 10 Jun 2024 14:44

Tgt Ion: 65 Resp: 83047
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.2

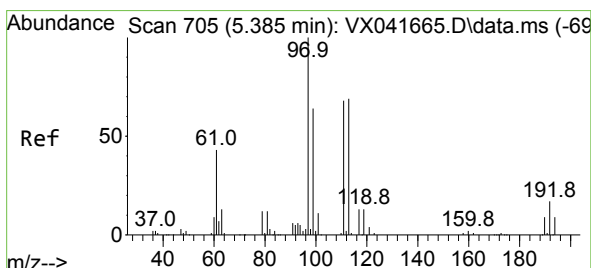
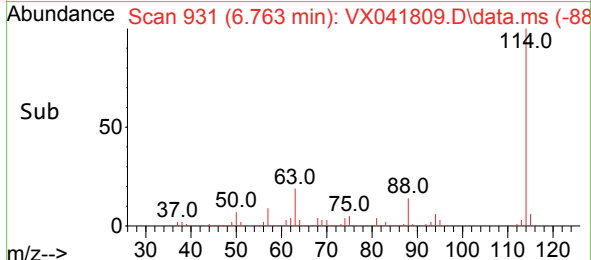
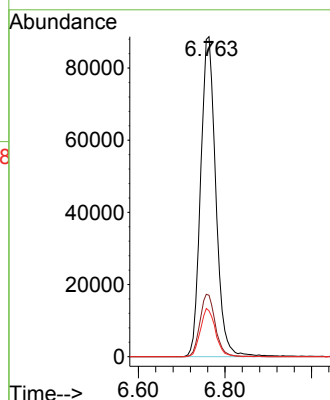
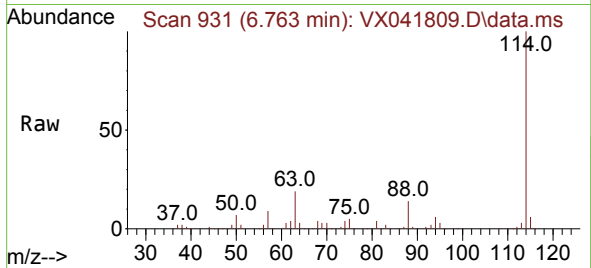




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041809.D
Acq: 10 Jun 2024 14:44

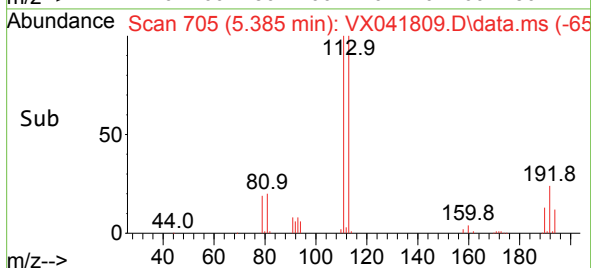
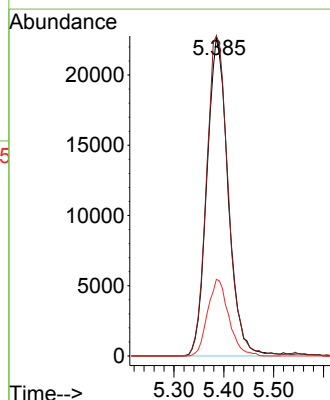
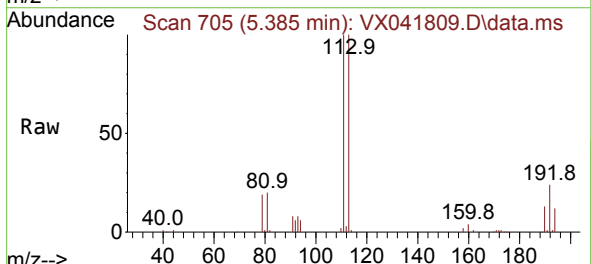
Instrument :
MSVOA_X
ClientSampleId :

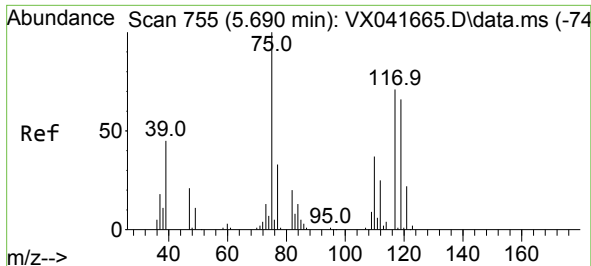
Tgt Ion:114 Resp: 215605
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 14.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.037 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041809.D
Acq: 10 Jun 2024 14:44

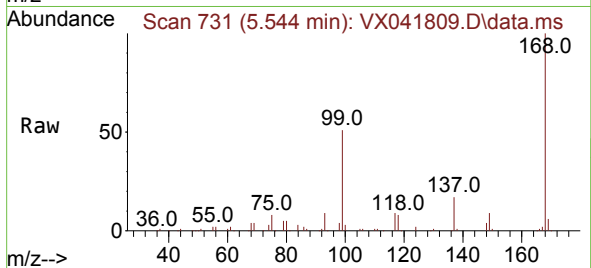
Tgt Ion:113 Resp: 67136
Ion Ratio Lower Upper
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111 102.3 82.9 124.3
192 23.9 13.3 19.9#



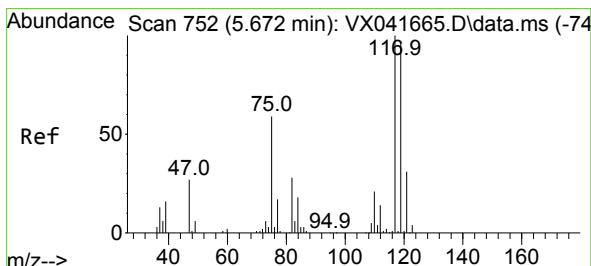
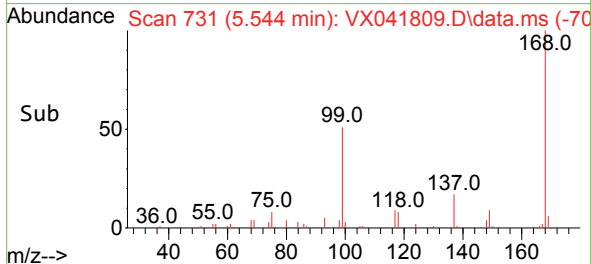
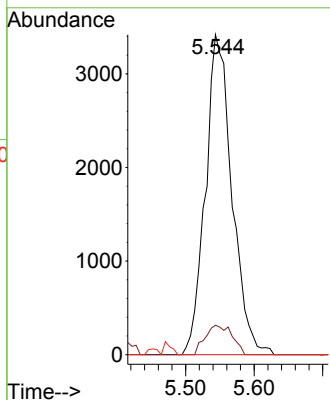


#36
1,1-Dichloropropene
Concen: 5.090 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX041809.D
Acq: 10 Jun 2024 14:44

Instrument :
MSVOA_X
ClientSampleId :

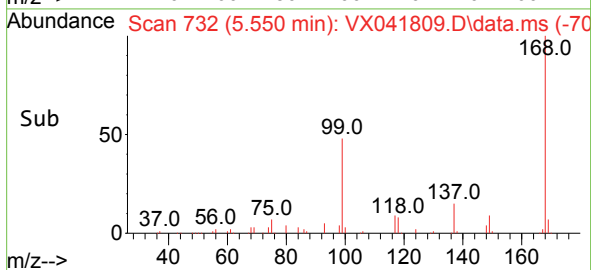
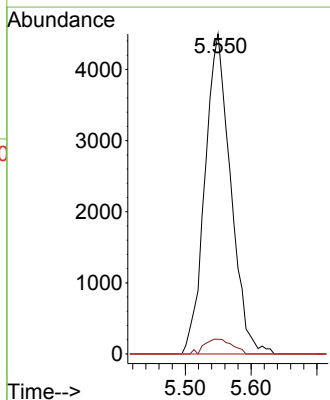
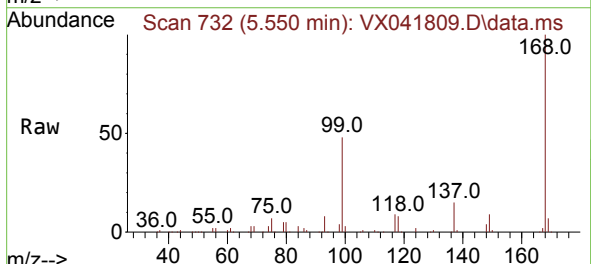


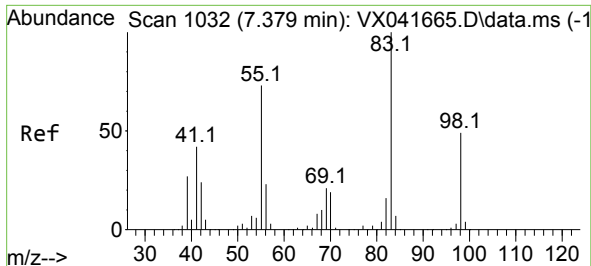
Tgt Ion: 75 Resp: 9187
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.979 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041809.D
Acq: 10 Jun 2024 14:44

Tgt Ion: 117 Resp: 12261
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 7.377 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX041809.D

Acq: 10 Jun 2024 14:44

Instrument :

MSVOA_X

ClientSampleId :

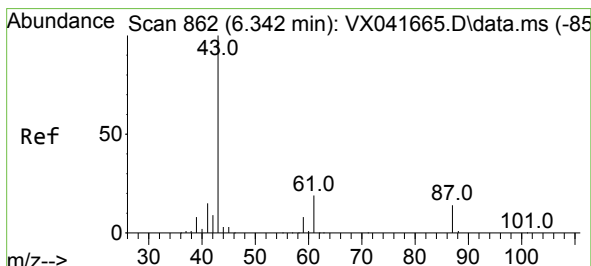
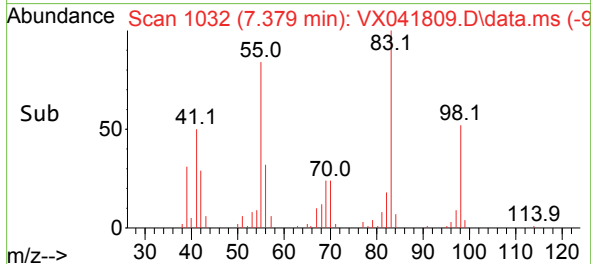
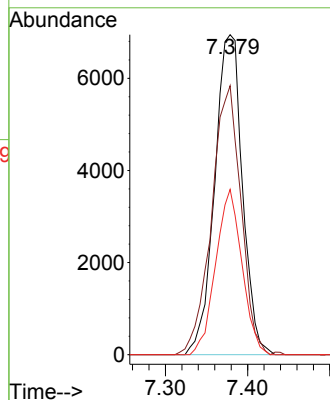
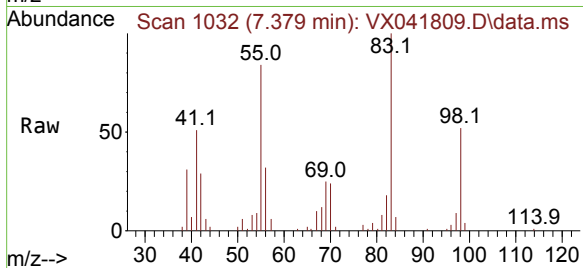
Tgt Ion: 83 Resp: 16359

Ion Ratio Lower Upper

83 100

55 83.3 64.6 97.0

98 51.6 36.7 55.1



#43

Isopropyl Acetate

Concen: 0.248 ug/l

RT: 6.354 min Scan# 864

Delta R.T. 0.012 min

Lab File: VX041809.D

Acq: 10 Jun 2024 14:44

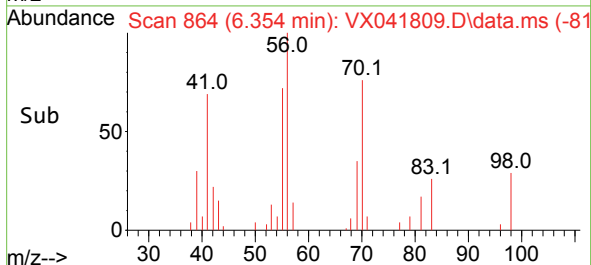
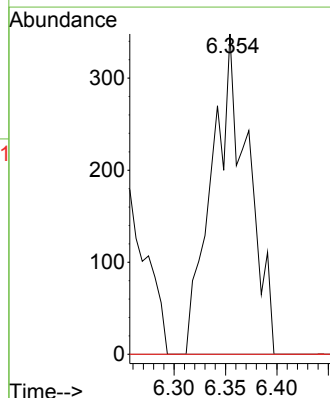
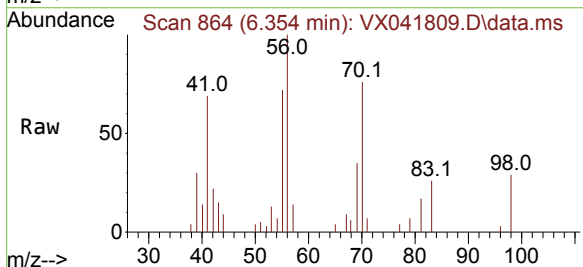
Tgt Ion: 43 Resp: 853

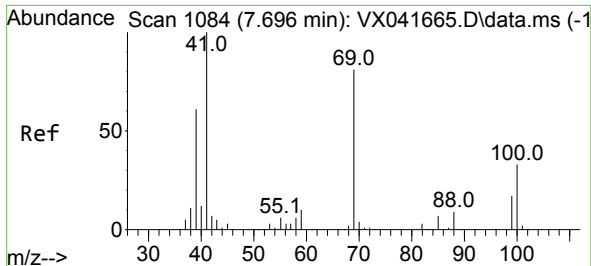
Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.6#

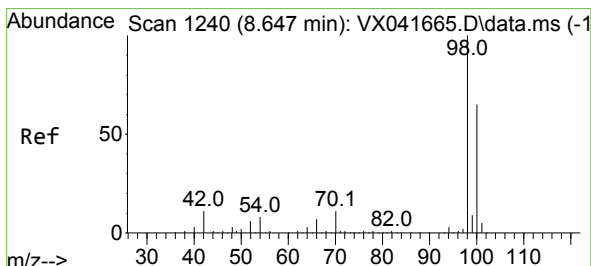
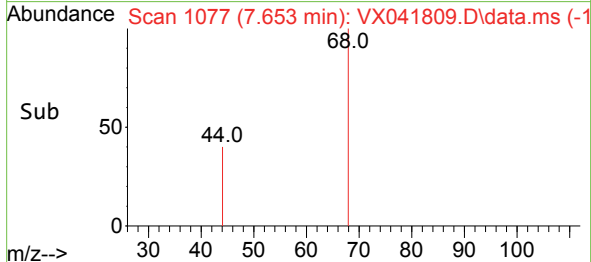
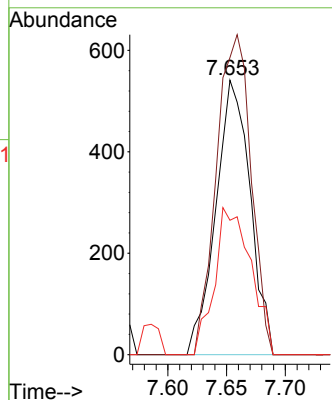
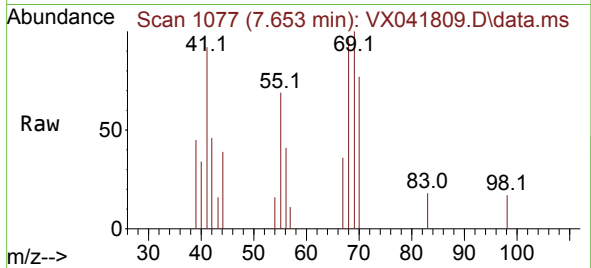




#48
Methyl methacrylate
Concen: 0.667 ug/l
RT: 7.653 min Scan# 1084
Delta R.T. -0.043 min
Lab File: VX041809.D
Acq: 10 Jun 2024 14:44

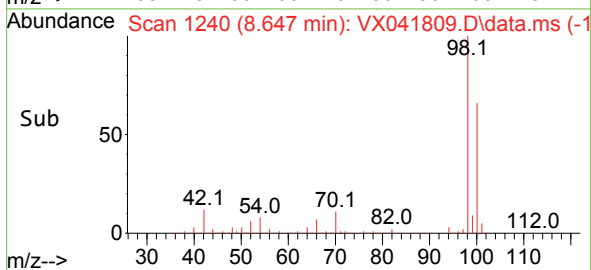
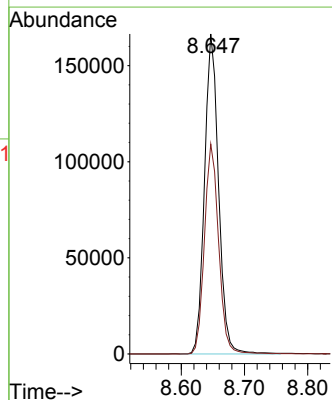
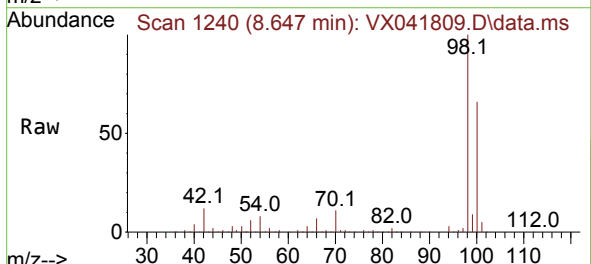
Instrument :
MSVOA_X
ClientSampleId :

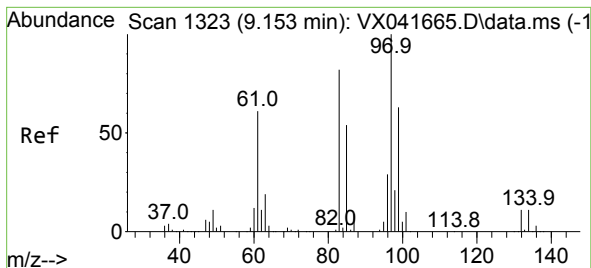
Tgt Ion: 41 Resp: 1101
Ion Ratio Lower Upper
41 100
69 118.0 59.2 88.8#
39 56.7 47.7 71.5



#50
Toluene-d8
Concen: 49.469 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041809.D
Acq: 10 Jun 2024 14:44

Tgt Ion: 98 Resp: 257667
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7





#55

1,1,2-Trichloroethane

Concen: 0.918 ug/l

RT: 9.104 min Scan# 1325

Delta R.T. -0.049 min

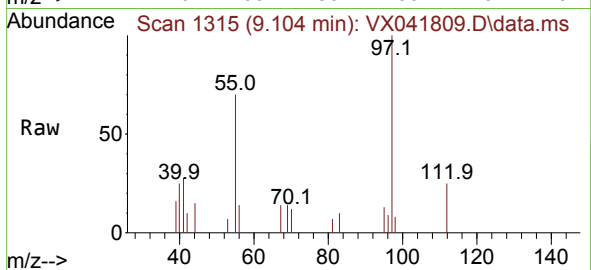
Lab File: VX041809.D

Acq: 10 Jun 2024 14:44

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 97 Resp: 1325

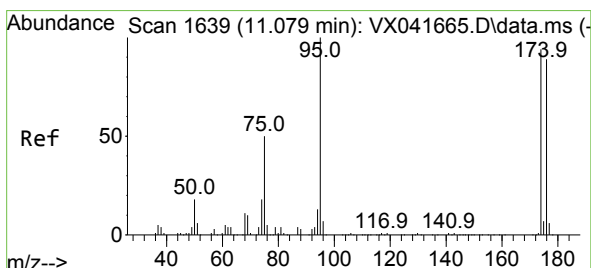
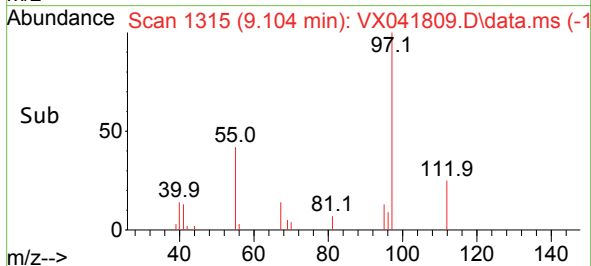
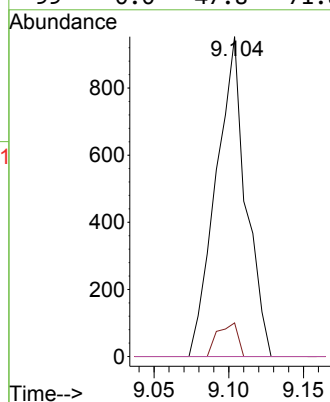
Ion Ratio Lower Upper

97 100

83 10.5 65.8 98.8#

85 0.0 41.6 62.4#

99 0.0 47.8 71.8#



#62

4-Bromofluorobenzene

Concen: 50.378 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX041809.D

Acq: 10 Jun 2024 14:44

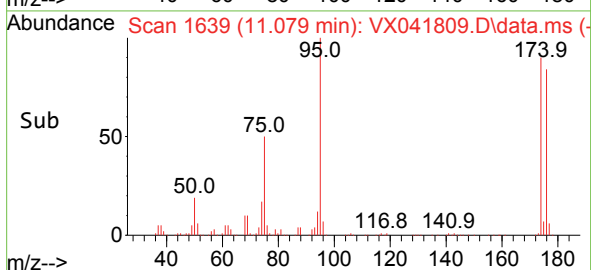
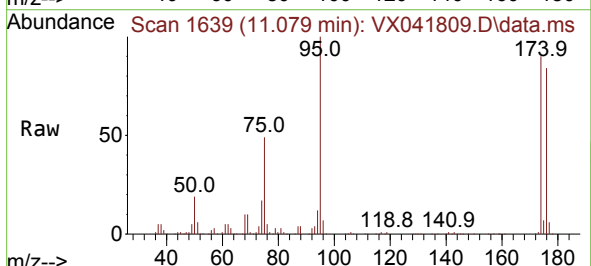
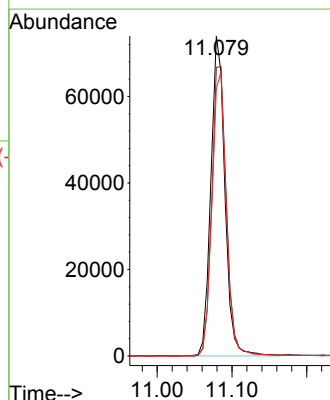
Tgt Ion: 95 Resp: 96847

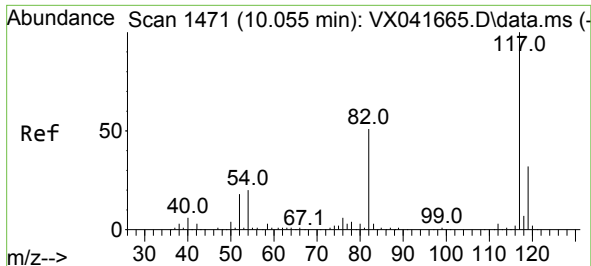
Ion Ratio Lower Upper

95 100

174 94.7 0.0 135.6

176 91.3 0.0 131.0

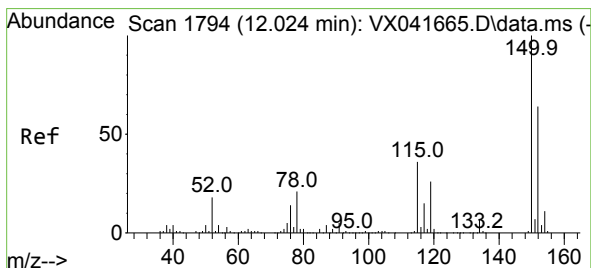
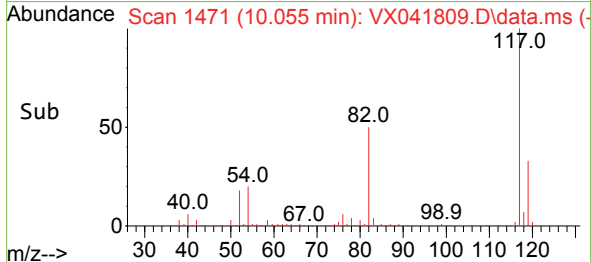
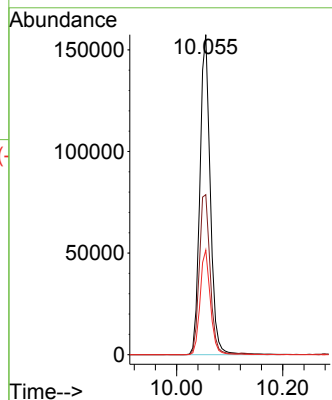
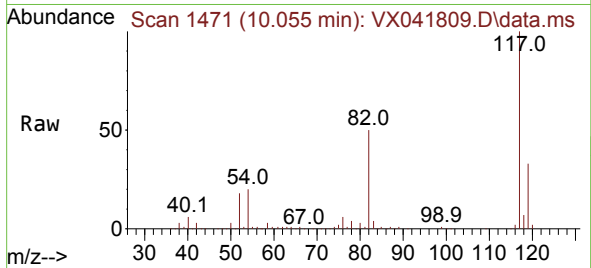




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041809.D
Acq: 10 Jun 2024 14:44

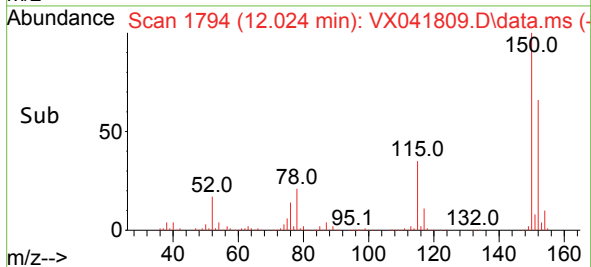
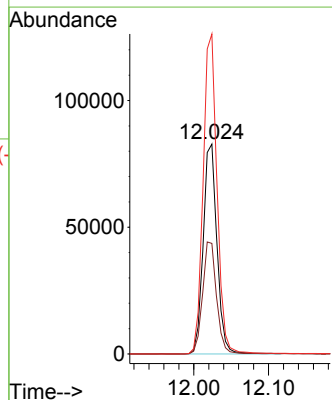
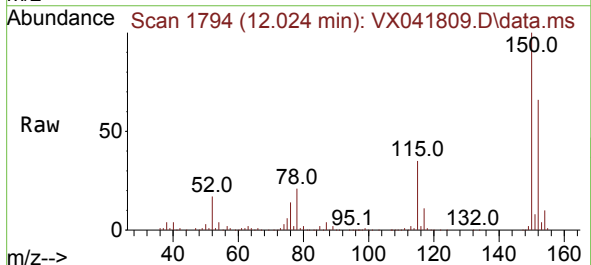
Instrument :
MSVOA_X
ClientSampleId :

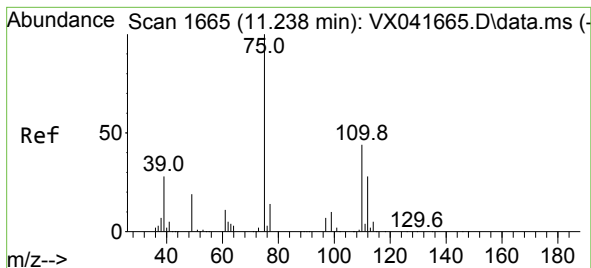
Tgt Ion:117 Resp: 214162
Ion Ratio Lower Upper
117 100
82 50.0 46.2 69.4
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041809.D
Acq: 10 Jun 2024 14:44

Tgt Ion:152 Resp: 106168
Ion Ratio Lower Upper
152 100
115 53.8 43.3 129.9
150 153.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.844 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX041809.D

Acq: 10 Jun 2024 14:44

Instrument :

MSVOA_X

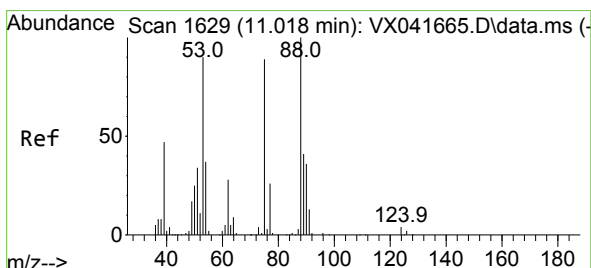
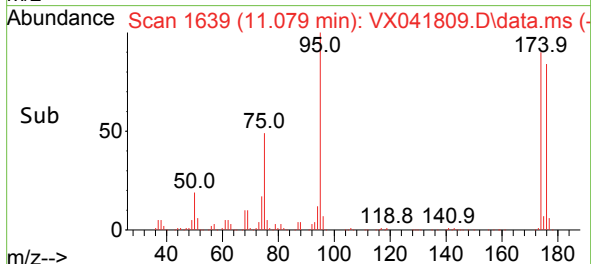
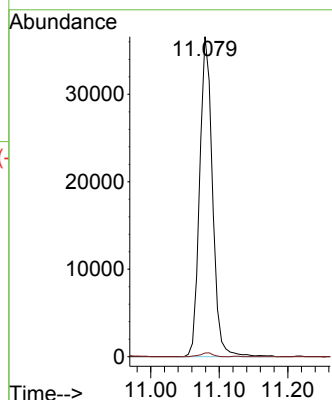
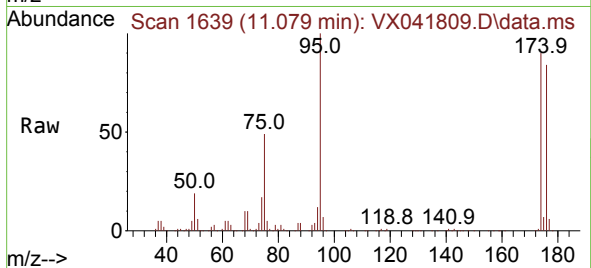
ClientSampleId :

Tgt Ion: 75 Resp: 47874

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.438 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041809.D

Acq: 10 Jun 2024 14:44

Tgt Ion: 75 Resp: 47874

Ion Ratio Lower Upper

75 100

53 0.1 90.5 135.7#

89 0.0 36.9 55.3#

