

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081524\
 Data File : VX043050.D
 Acq On : 15 Aug 2024 10:06
 Operator : JC/MD
 Sample : VX0815WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBL01

Quant Time: Aug 16 01:36:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:22:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	97298	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	166668	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62198	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56195	43.954	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.900%
35) Dibromofluoromethane	5.385	113	49147	47.666	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.340%
50) Toluene-d8	8.647	98	192213	48.293	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.580%
62) 4-Bromofluorobenzene	11.079	95	64894	44.965	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.940%

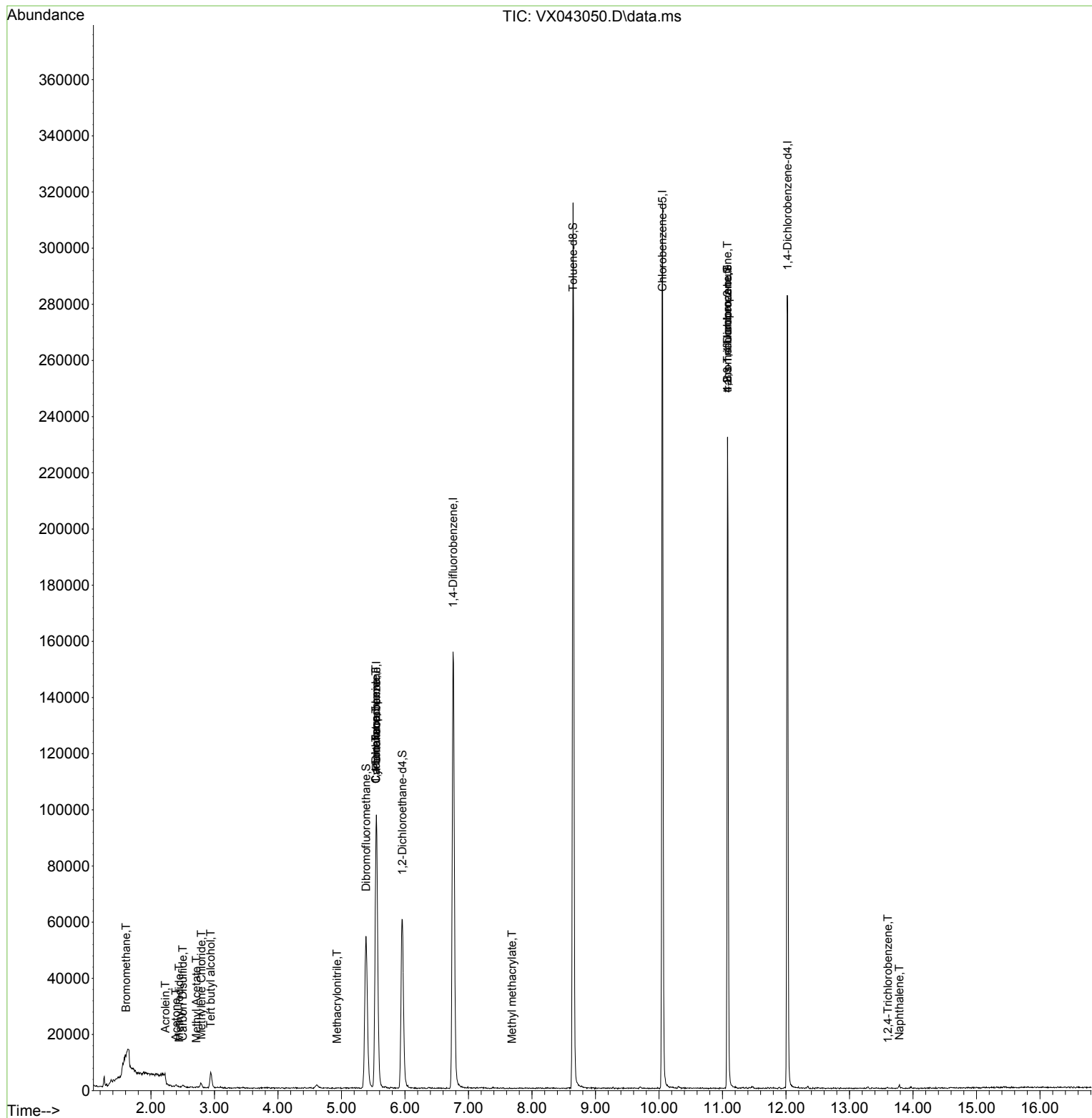
Target Compounds						Qvalue
5) Bromomethane	1.606	94	408	0.921	ug/l	82
10) Methyl Iodide	2.447	142	52	0.492	ug/l	# 34
11) Tert butyl alcohol	2.941	59	3084	9.349	ug/l	# 78
13) Acrolein	2.227	56	254	0.762	ug/l	# 14
16) Acetone	2.392	43	708	1.117	ug/l	95
17) Carbon Disulfide	2.502	76	1080	0.321	ug/l	# 90
18) Methyl Acetate	2.715	43	537	0.256	ug/l	# 53
20) Methylene Chloride	2.794	84	844	0.576	ug/l	# 70
31) Cyclohexane	5.544	56	2172	1.019	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	7547	5.269	ug/l	# 50
38) Carbon Tetrachloride	5.544	117	9488	6.551	ug/l	# 15
41) Methacrylonitrile	4.928	41	221	0.208	ug/l	# 34
48) Methyl methacrylate	7.684	41	79	0.458	ug/l	# 16
76) 1,2,3-Trichloropropane	11.079	75	31890	22.372	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	31890	48.797	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.603	180	237	0.204	ug/l	# 89
95) Naphthalene	13.786	128	1060	0.231	ug/l	# 82

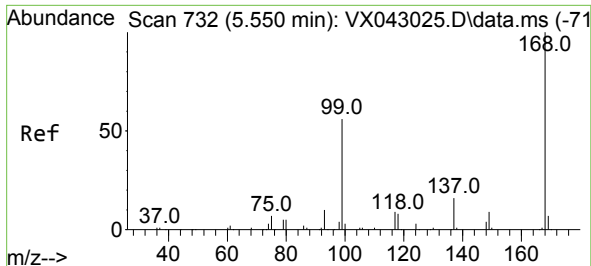
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX043050.D
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Sample : VX0815WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

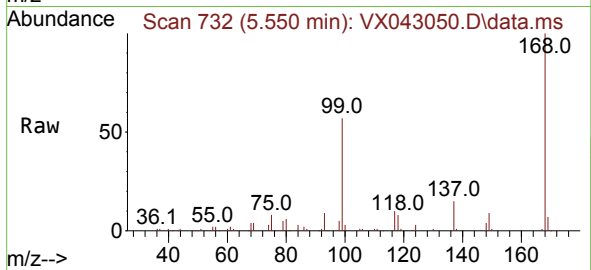
Quant Time: Aug 16 01:36:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 04:22:11 2024
Response via : Initial Calibration



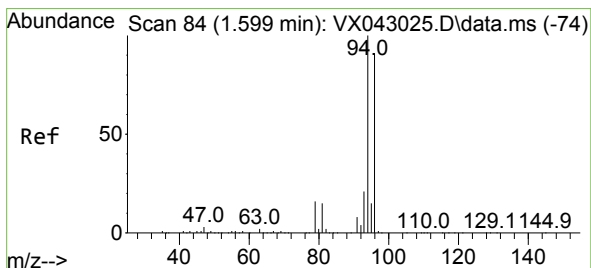
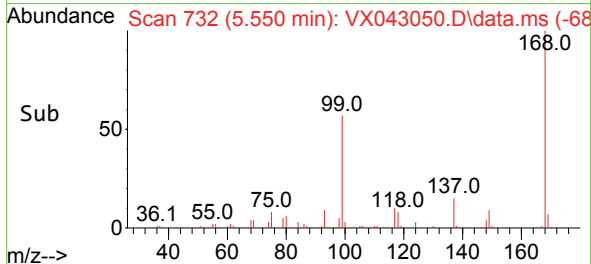
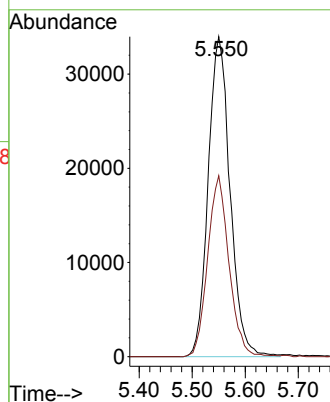


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

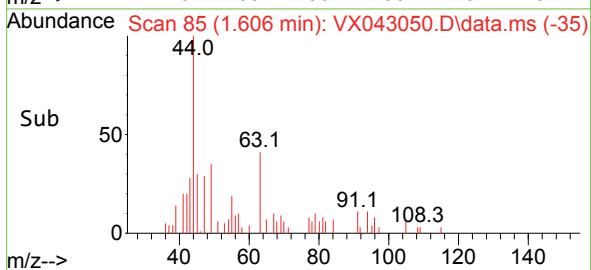
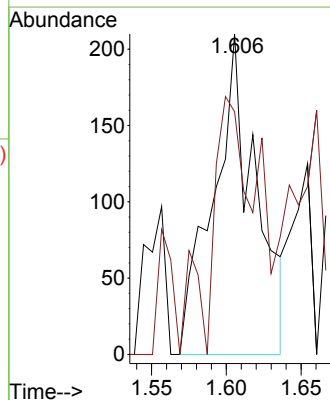
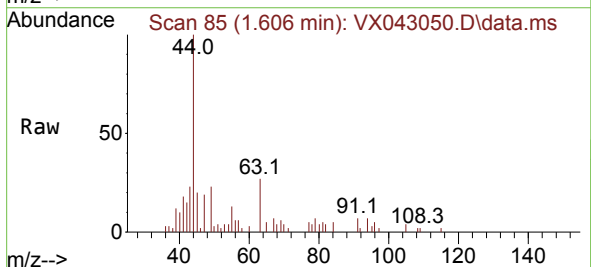


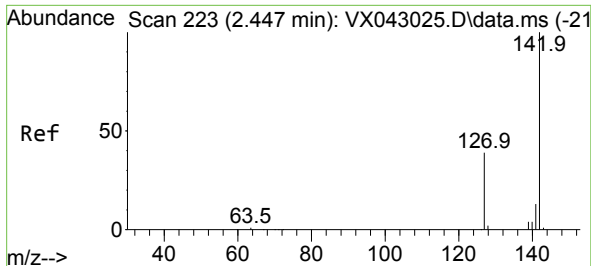
Tgt Ion:168 Resp: 97298
Ion Ratio Lower Upper
168 100
99 56.6 56.6 85.0#



#5
Bromomethane
Concen: 0.921 ug/l
RT: 1.606 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

Tgt Ion: 94 Resp: 408
Ion Ratio Lower Upper
94 100
96 75.7 74.6 111.8

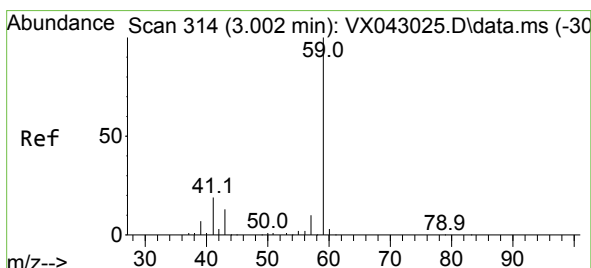
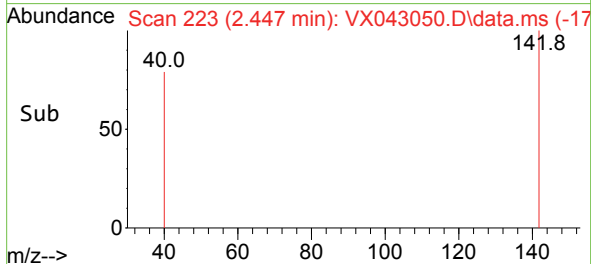
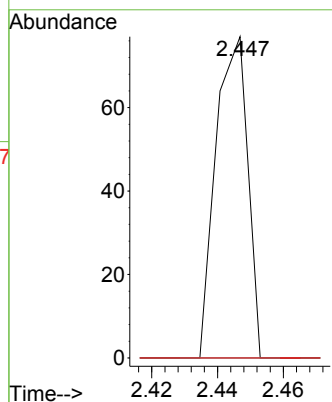
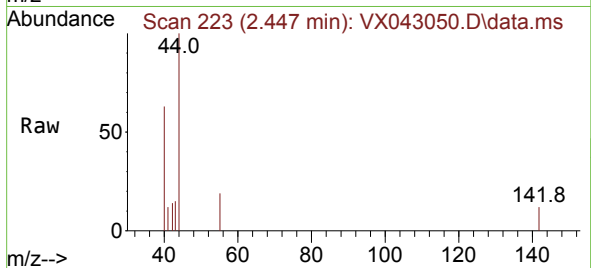




#10
Methyl Iodide
Concen: 0.492 ug/l
RT: 2.447 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

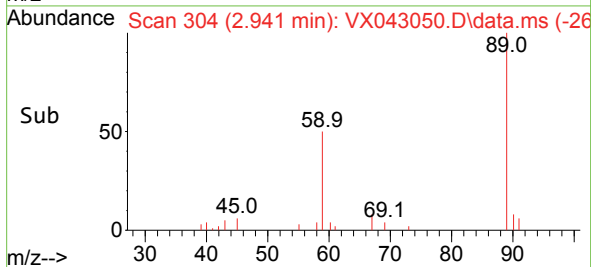
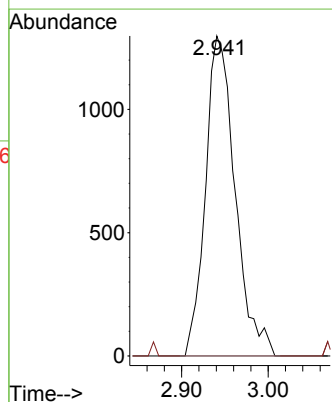
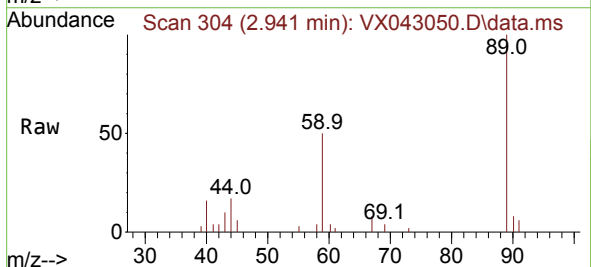
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

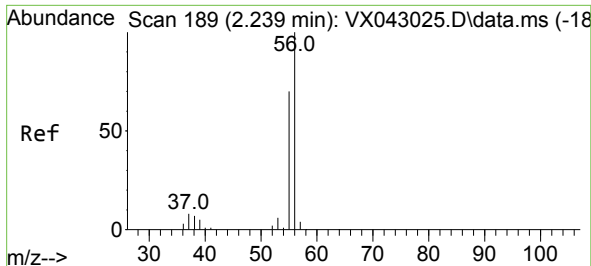
Tgt Ion:142 Resp: 52
Ion Ratio Lower Upper
142 100
127 0.0 41.6 62.4#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 9.349 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.061 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

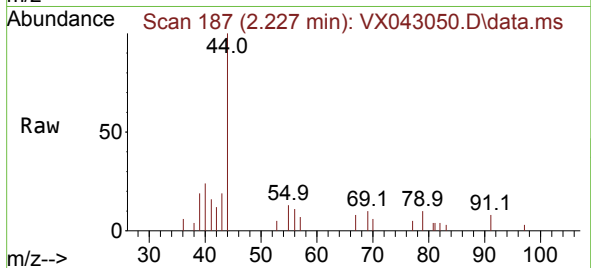
Tgt Ion: 59 Resp: 3084
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



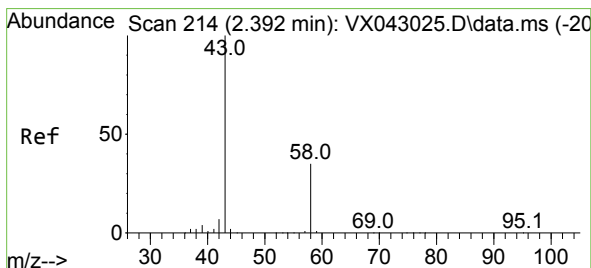
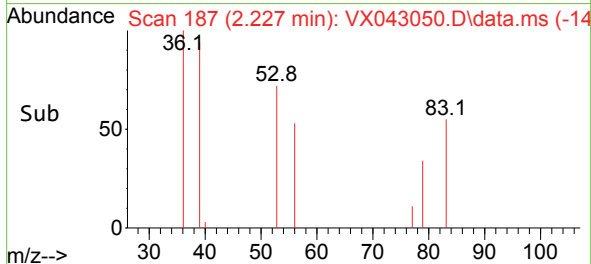
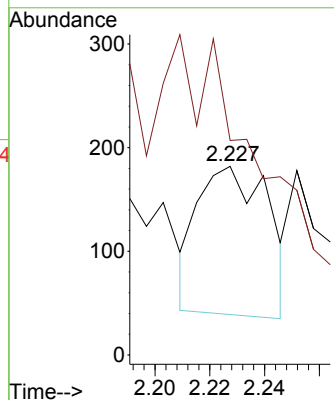


#13
Acrolein
Concen: 0.762 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

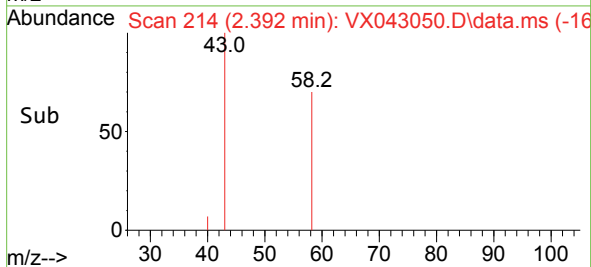
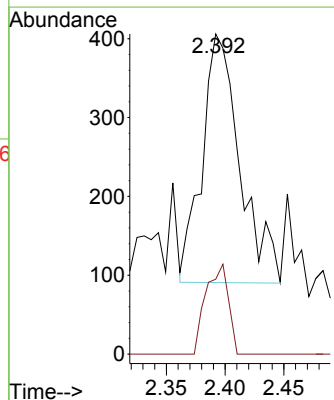
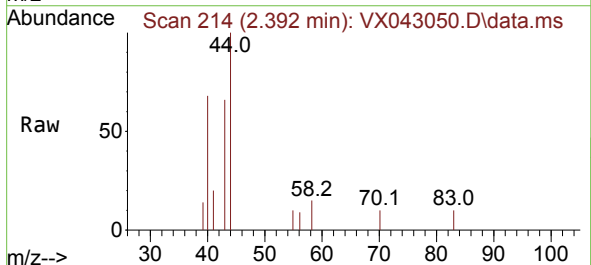


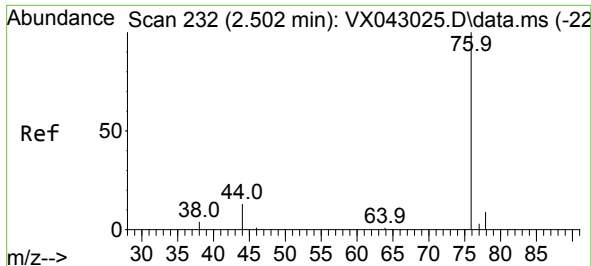
Tgt Ion: 56 Resp: 254
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 1.117 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

Tgt Ion: 43 Resp: 708
Ion Ratio Lower Upper
43 100
58 30.2 21.9 32.9





#17

Carbon Disulfide

Concen: 0.321 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX043050.D

Acq: 15 Aug 2024 10:06

Instrument :

MSVOA_X

ClientSampleId :

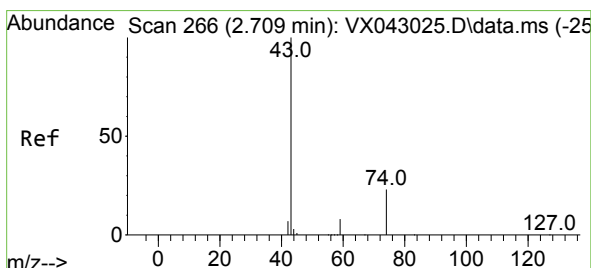
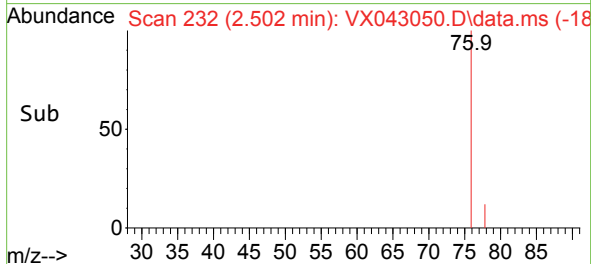
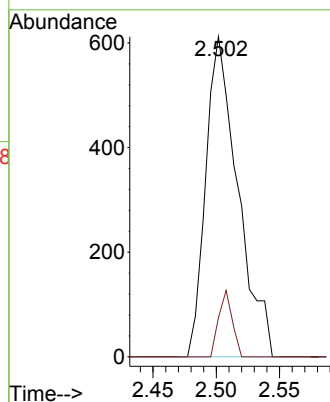
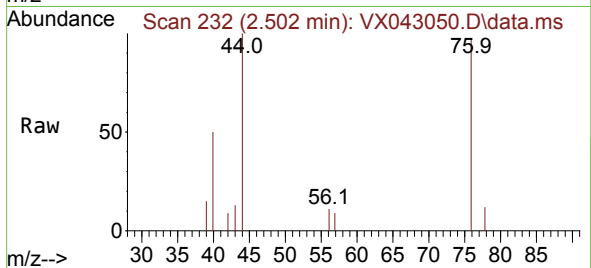
VX0815WBL01

Tgt Ion: 76 Resp: 1080

Ion Ratio Lower Upper

76 100

78 12.3 7.0 10.6#



#18

Methyl Acetate

Concen: 0.256 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.006 min

Lab File: VX043050.D

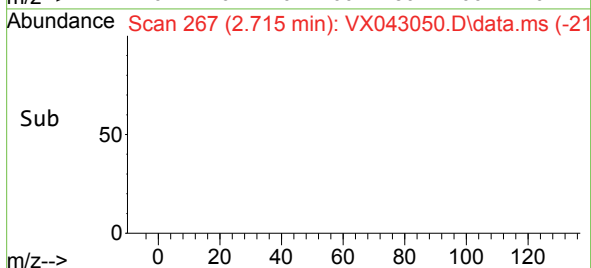
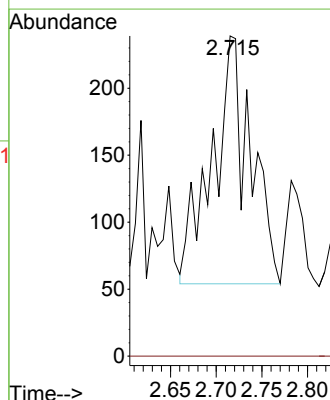
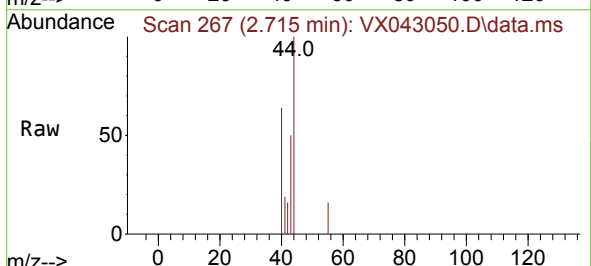
Acq: 15 Aug 2024 10:06

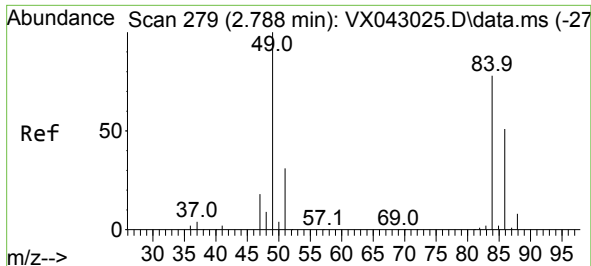
Tgt Ion: 43 Resp: 537

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#

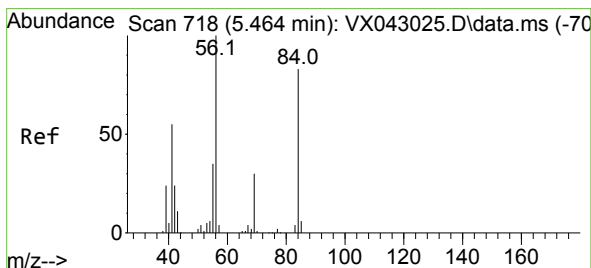
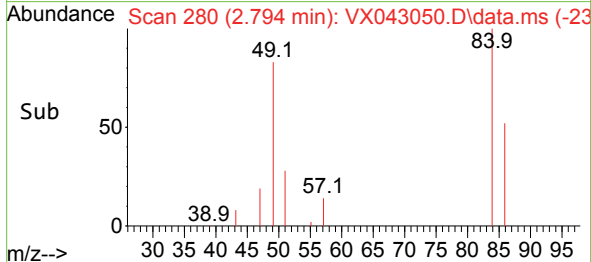
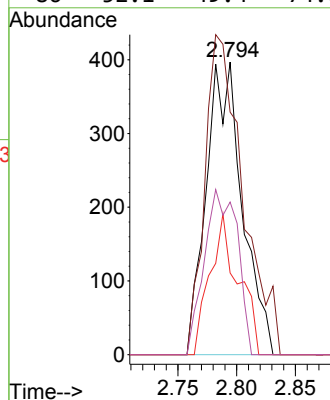
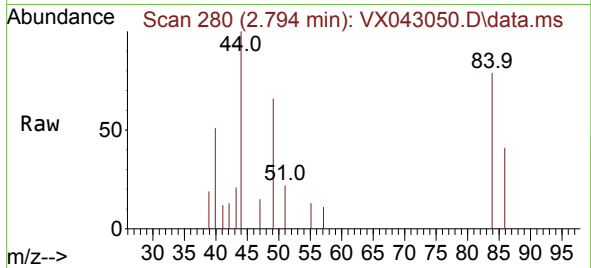




#20
Methylene Chloride
Concen: 0.576 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

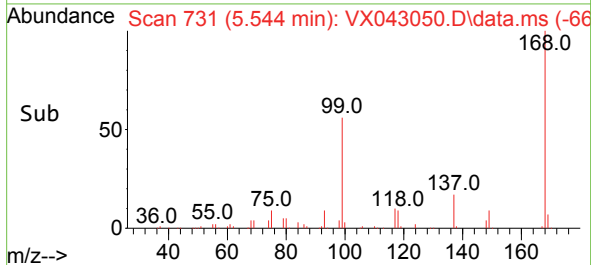
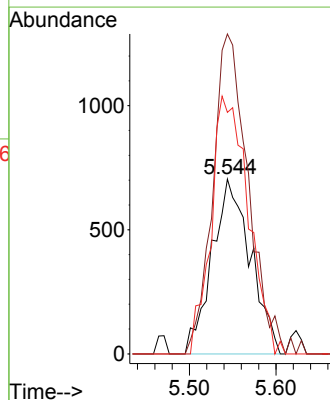
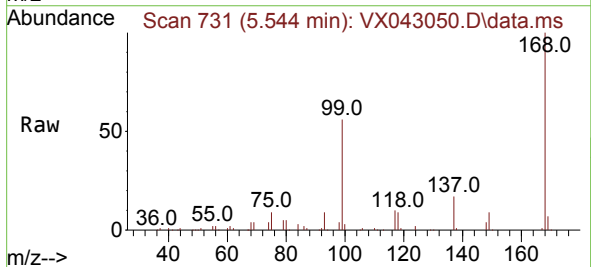
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

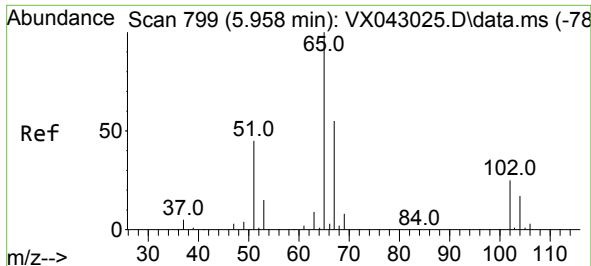
Tgt Ion: 84	Resp:	844
Ion	Ratio	Lower Upper
84	100	
49	82.9	103.6 155.4#
51	28.0	33.8 50.6#
86	52.1	49.4 74.0



#31
Cyclohexane
Concen: 1.019 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

Tgt Ion: 56	Resp:	2172
Ion	Ratio	Lower Upper
56	100	
69	183.1	23.4 35.2#
84	138.2	65.9 98.9#

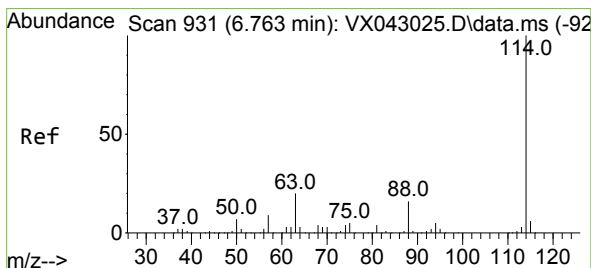
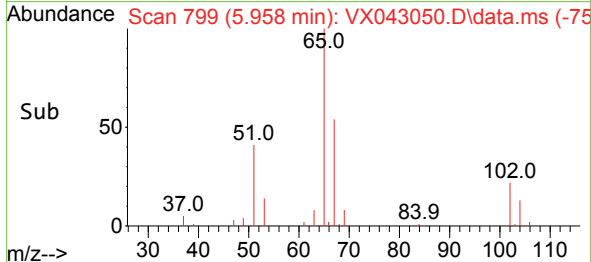
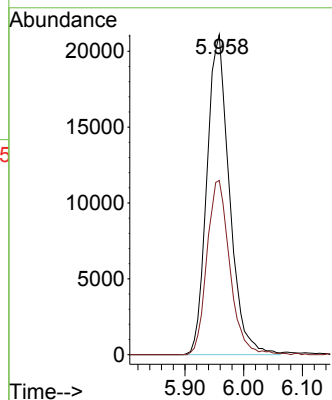
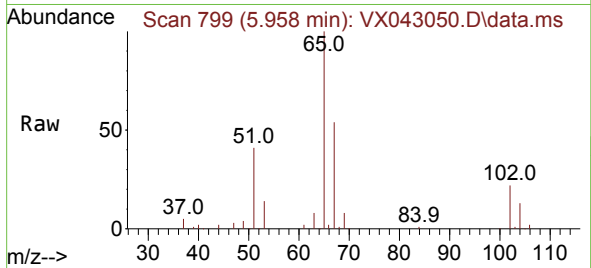




#33
1,2-Dichloroethane-d4
Concen: 43.954 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

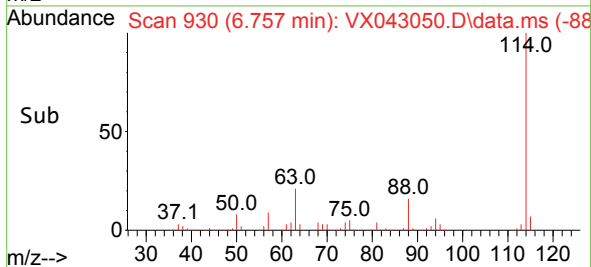
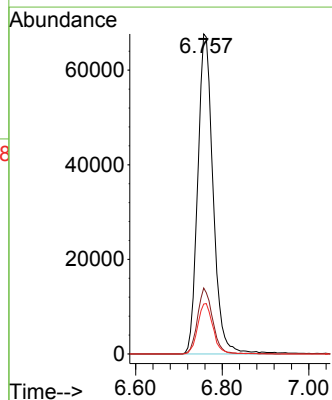
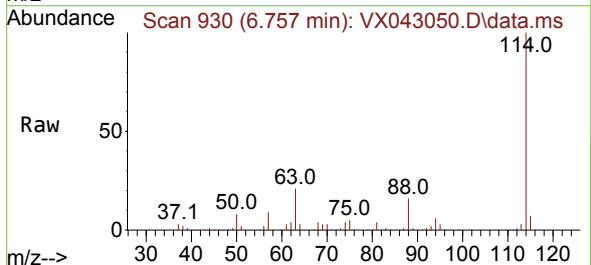
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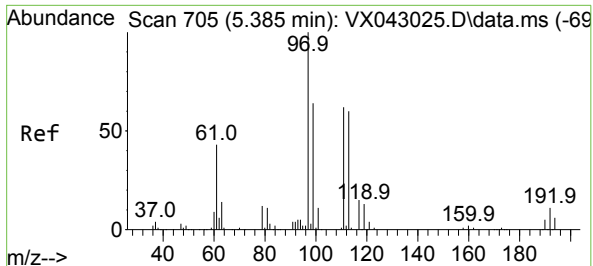
Tgt Ion: 65 Resp: 56195
Ion Ratio Lower Upper
65 100
67 55.4 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

Tgt Ion: 114 Resp: 166668
Ion Ratio Lower Upper
114 100
63 20.6 0.0 45.0
88 15.6 0.0 36.6

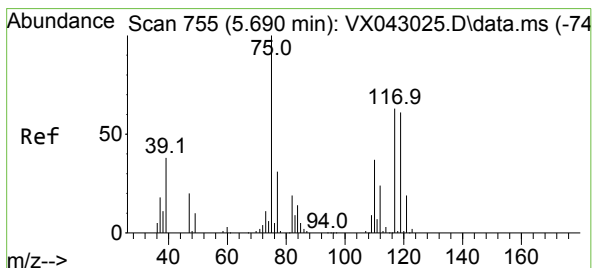
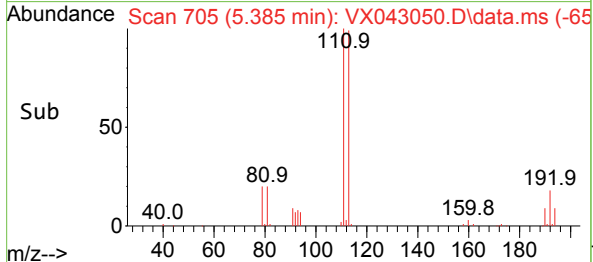
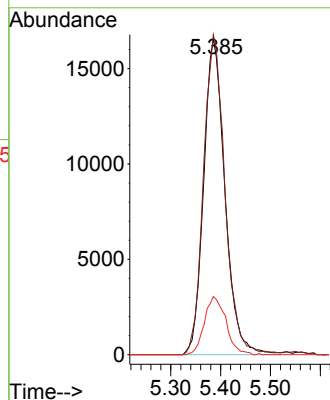
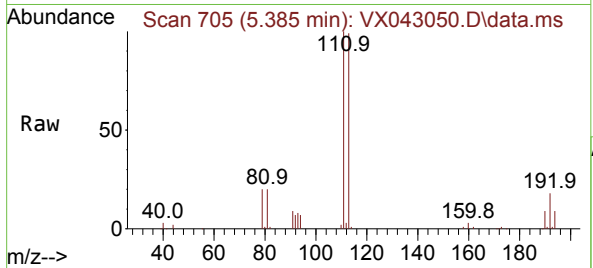




#35
Dibromofluoromethane
Concen: 47.666 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

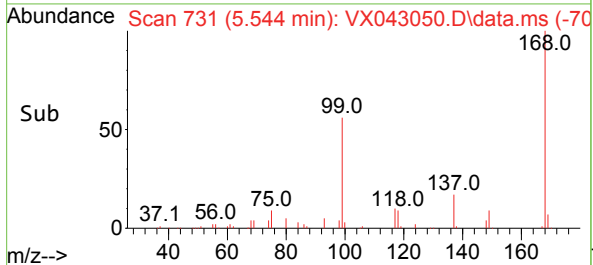
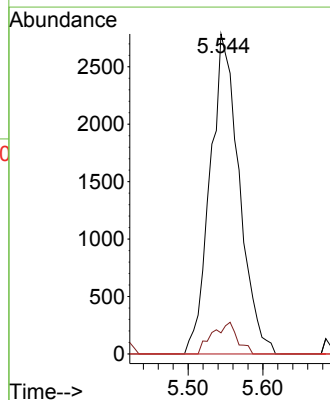
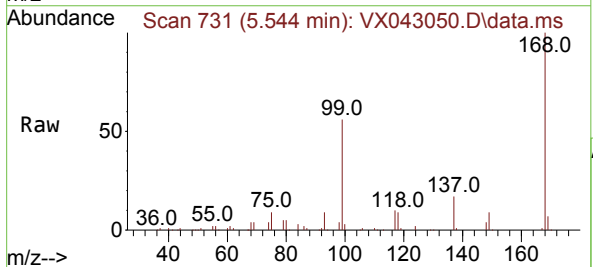
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

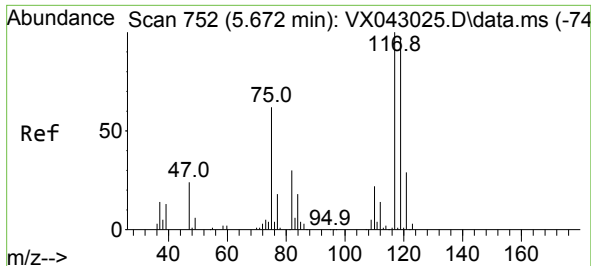
Tgt Ion:113 Resp: 49147
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.269 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

Tgt Ion: 75 Resp: 7547
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#

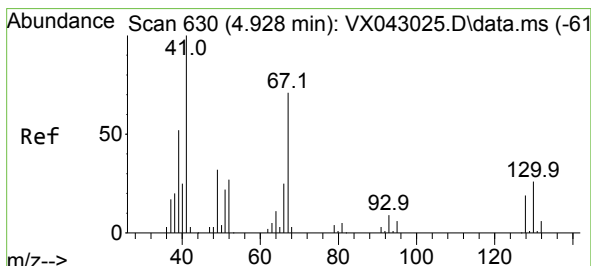
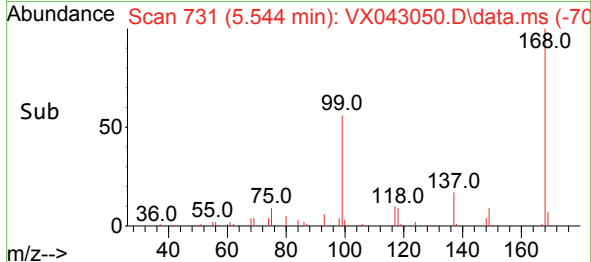
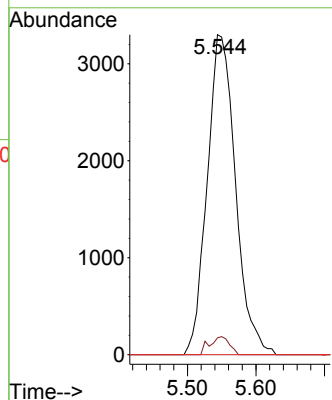
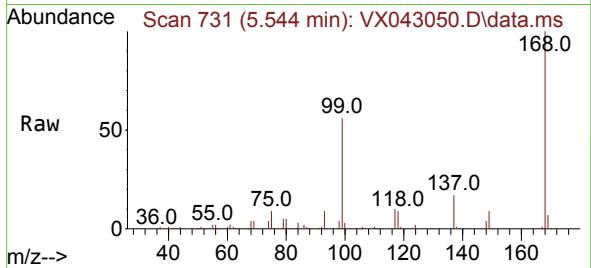




#38
Carbon Tetrachloride
Concen: 6.551 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

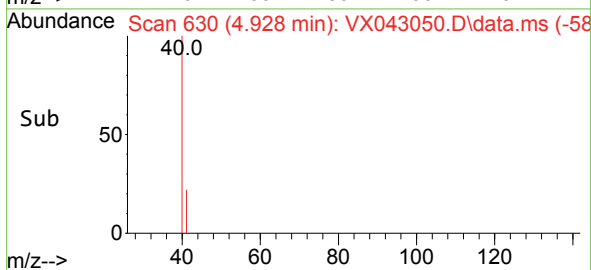
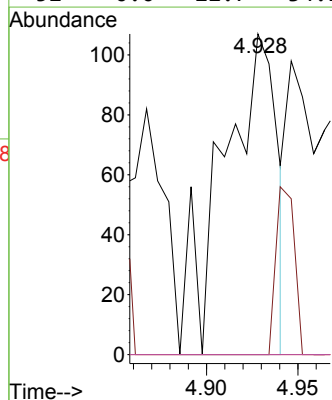
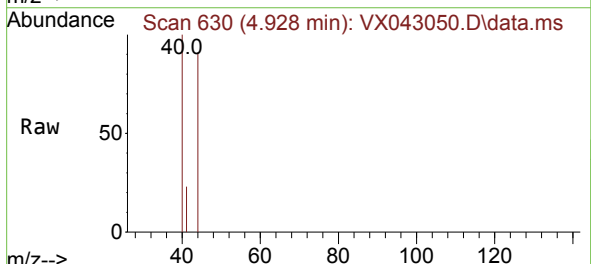
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

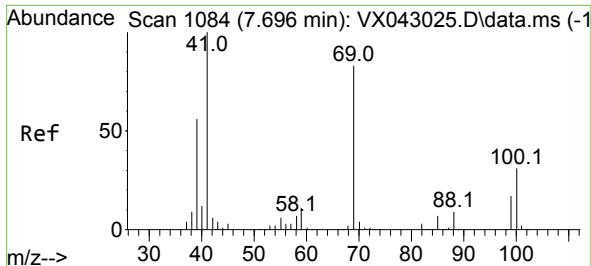
Tgt Ion:117 Resp: 9488
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.208 ug/l
RT: 4.928 min Scan# 630
Delta R.T. 0.000 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

Tgt Ion: 41 Resp: 221
Ion Ratio Lower Upper
41 100
39 17.6 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#





#48

Methyl methacrylate

Concen: 0.458 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. -0.012 min

Lab File: VX043050.D

Acq: 15 Aug 2024 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBL01

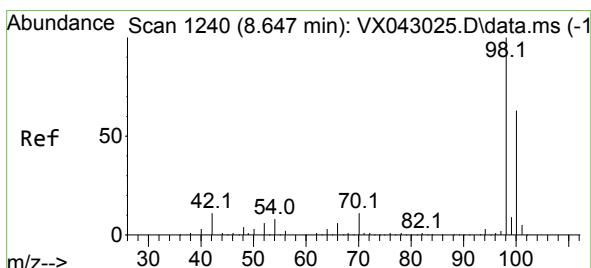
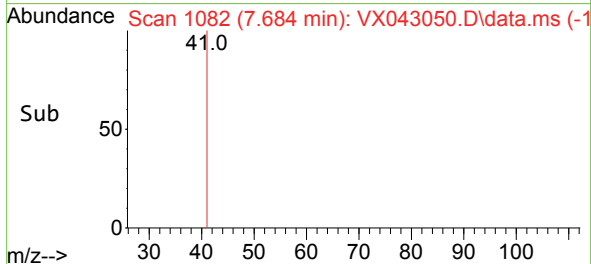
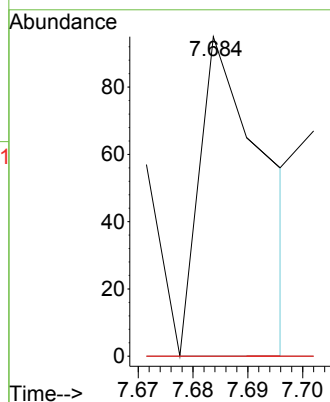
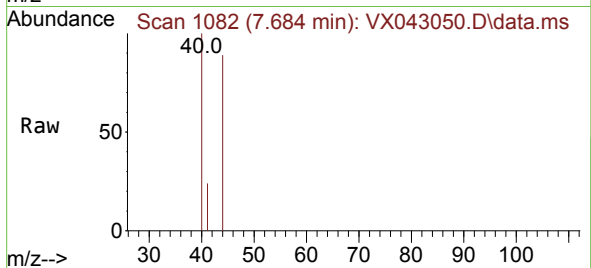
Tgt Ion: 41 Resp: 79

Ion Ratio Lower Upper

41 100

69 0.0 59.2 88.8#

39 0.0 47.7 71.5#



#50

Toluene-d8

Concen: 48.293 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX043050.D

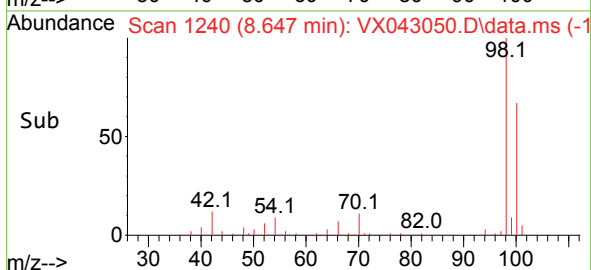
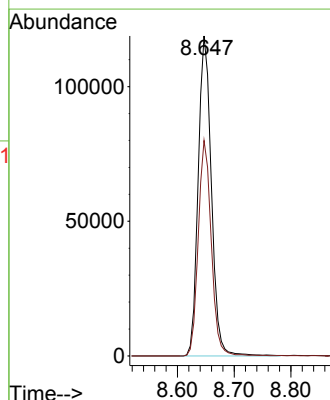
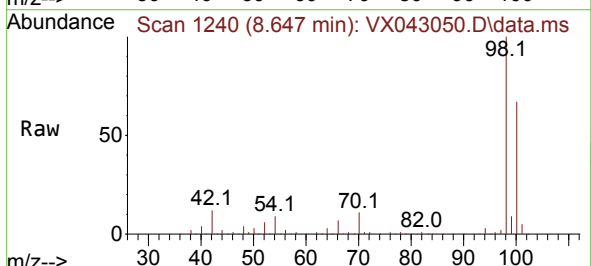
Acq: 15 Aug 2024 10:06

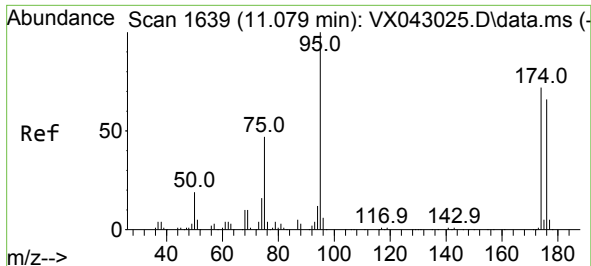
Tgt Ion: 98 Resp: 192213

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7

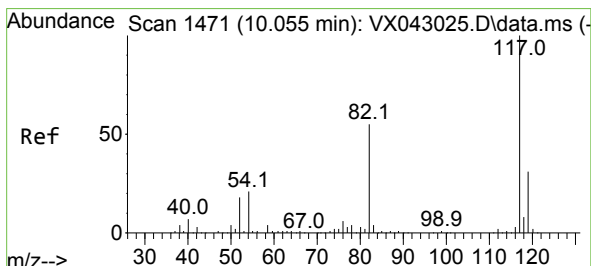
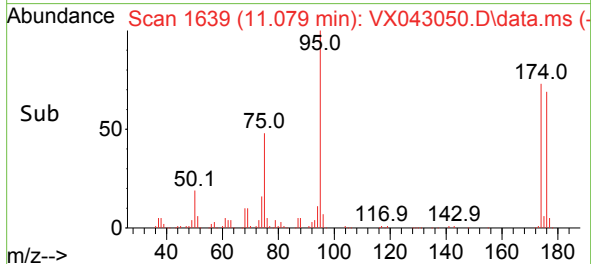
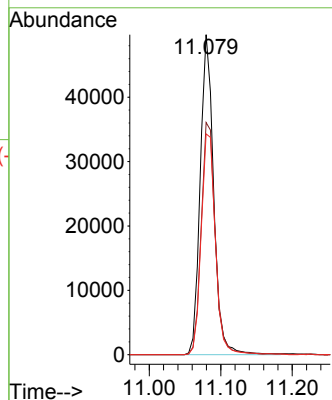
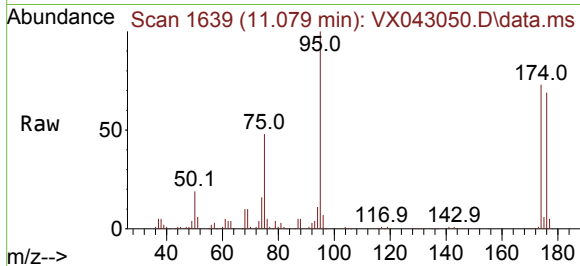




#62
4-Bromofluorobenzene
Concen: 44.965 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

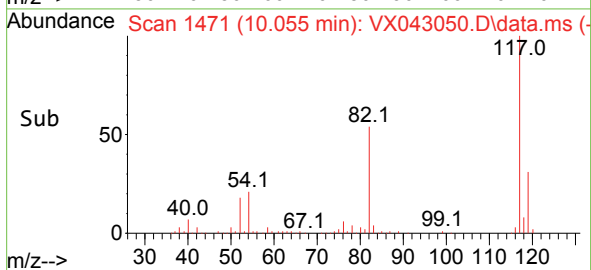
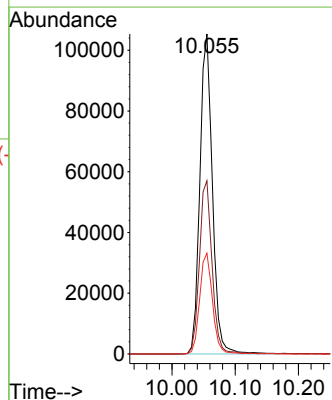
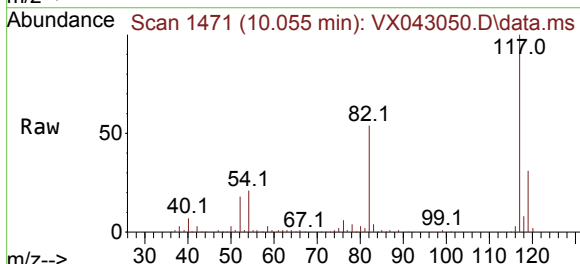
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

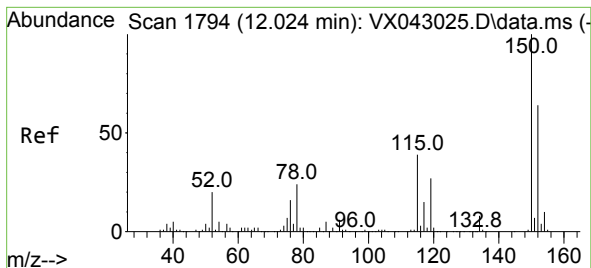
Tgt Ion: 95 Resp: 64894
Ion Ratio Lower Upper
95 100
174 76.1 0.0 135.6
176 73.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

Tgt Ion: 117 Resp: 145539
Ion Ratio Lower Upper
117 100
82 54.1 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# 1

Delta R.T. 0.000 min

Lab File: VX043050.D

Acq: 15 Aug 2024 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBL01

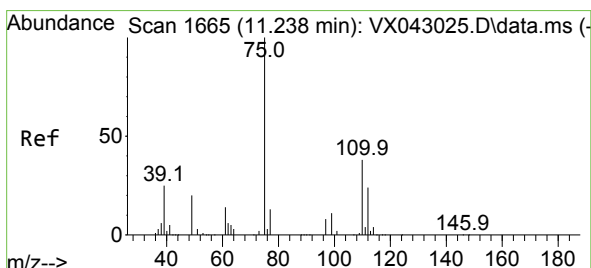
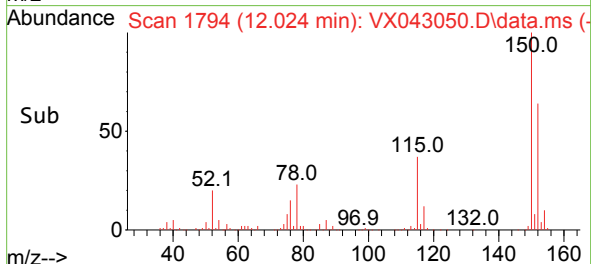
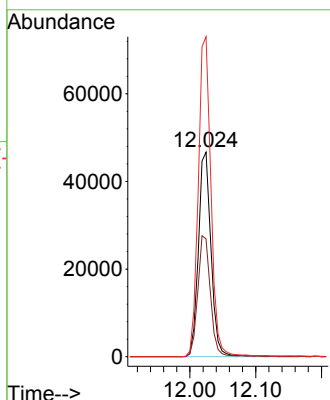
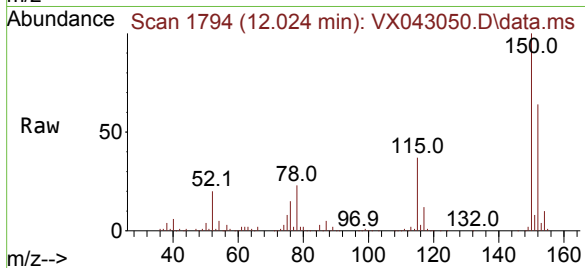
Tgt Ion:152 Resp: 62198

Ion Ratio Lower Upper

152 100

115 59.1 43.3 129.9

150 157.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.372 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043050.D

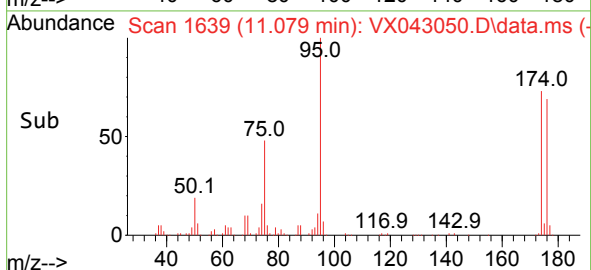
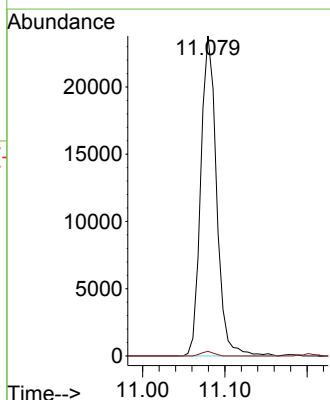
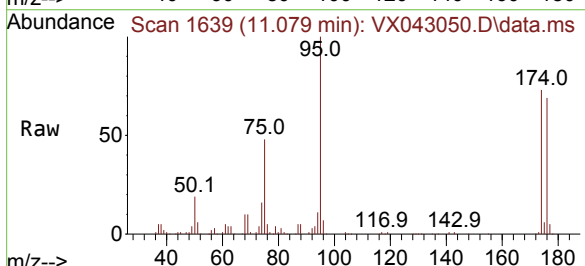
Acq: 15 Aug 2024 10:06

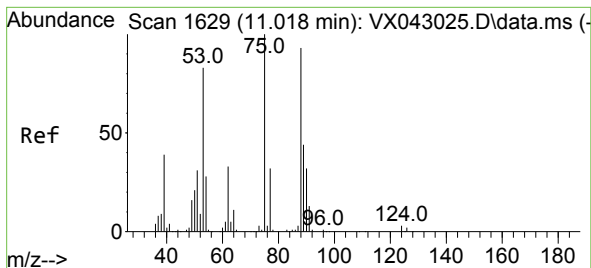
Tgt Ion: 75 Resp: 31890

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

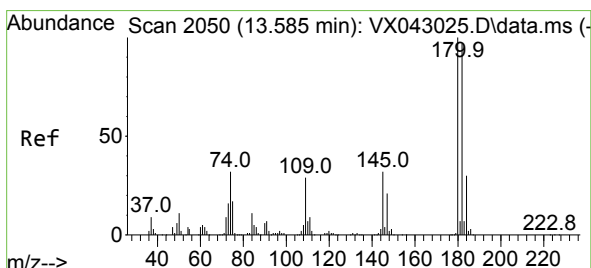
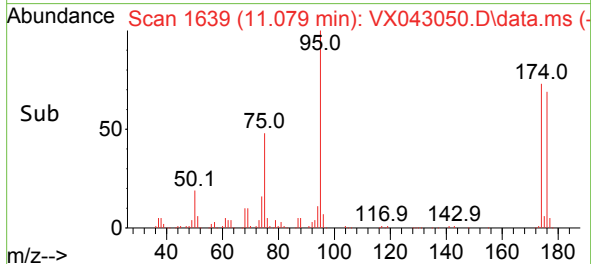
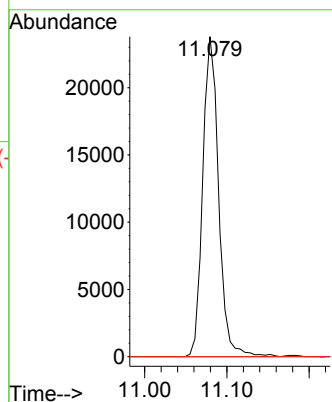
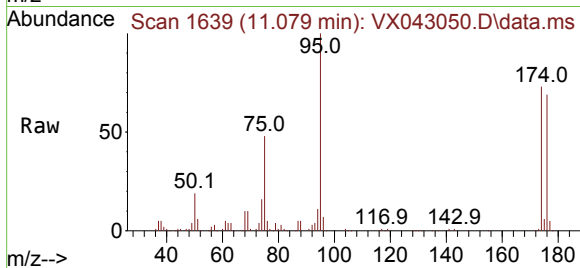




#81
trans-1,4-Dichloro-2-butene
Concen: 48.797 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

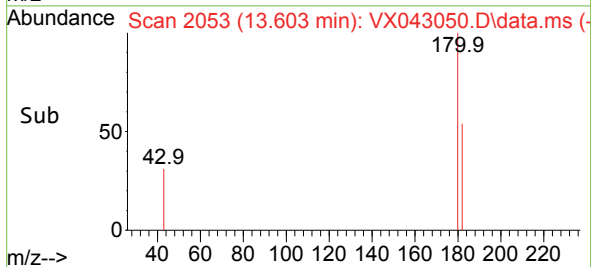
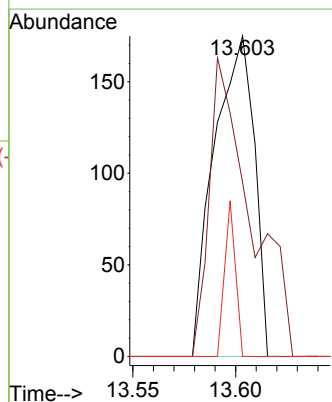
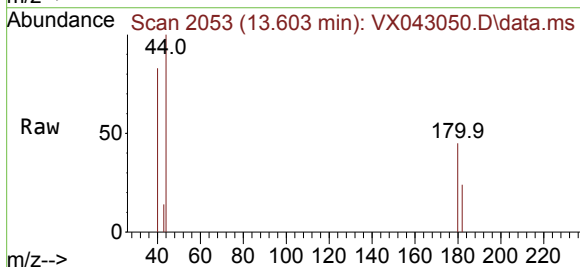
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

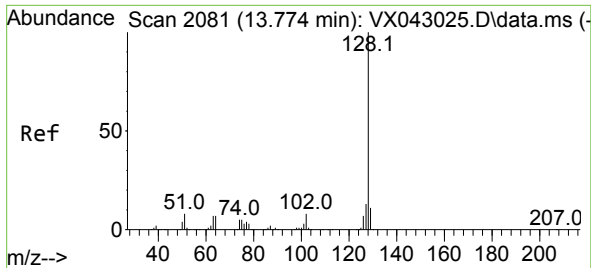
Tgt Ion: 75 Resp: 31890
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.204 ug/l
RT: 13.603 min Scan# 2053
Delta R.T. 0.018 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

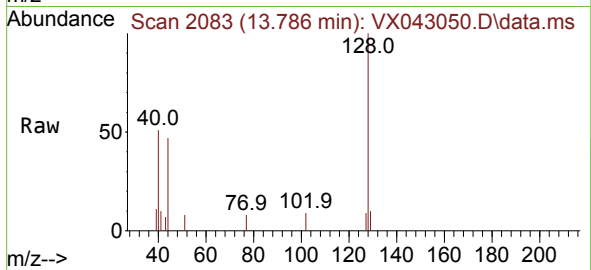
Tgt Ion:180 Resp: 237
Ion Ratio Lower Upper
180 100
182 96.2 48.3 144.8
145 13.1 18.0 54.0#





#95
Naphthalene
Concen: 0.231 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01



Tgt Ion:128 Resp: 1060
Ion Ratio Lower Upper
128 100
127 5.0 10.3 15.5#
129 5.3 8.8 13.2#

