

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052224\
 Data File : VX041589.D
 Acq On : 22 May 2024 09:43
 Operator : JC/MD
 Sample : VX0522MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBL01

Quant Time: May 23 03:35:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

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

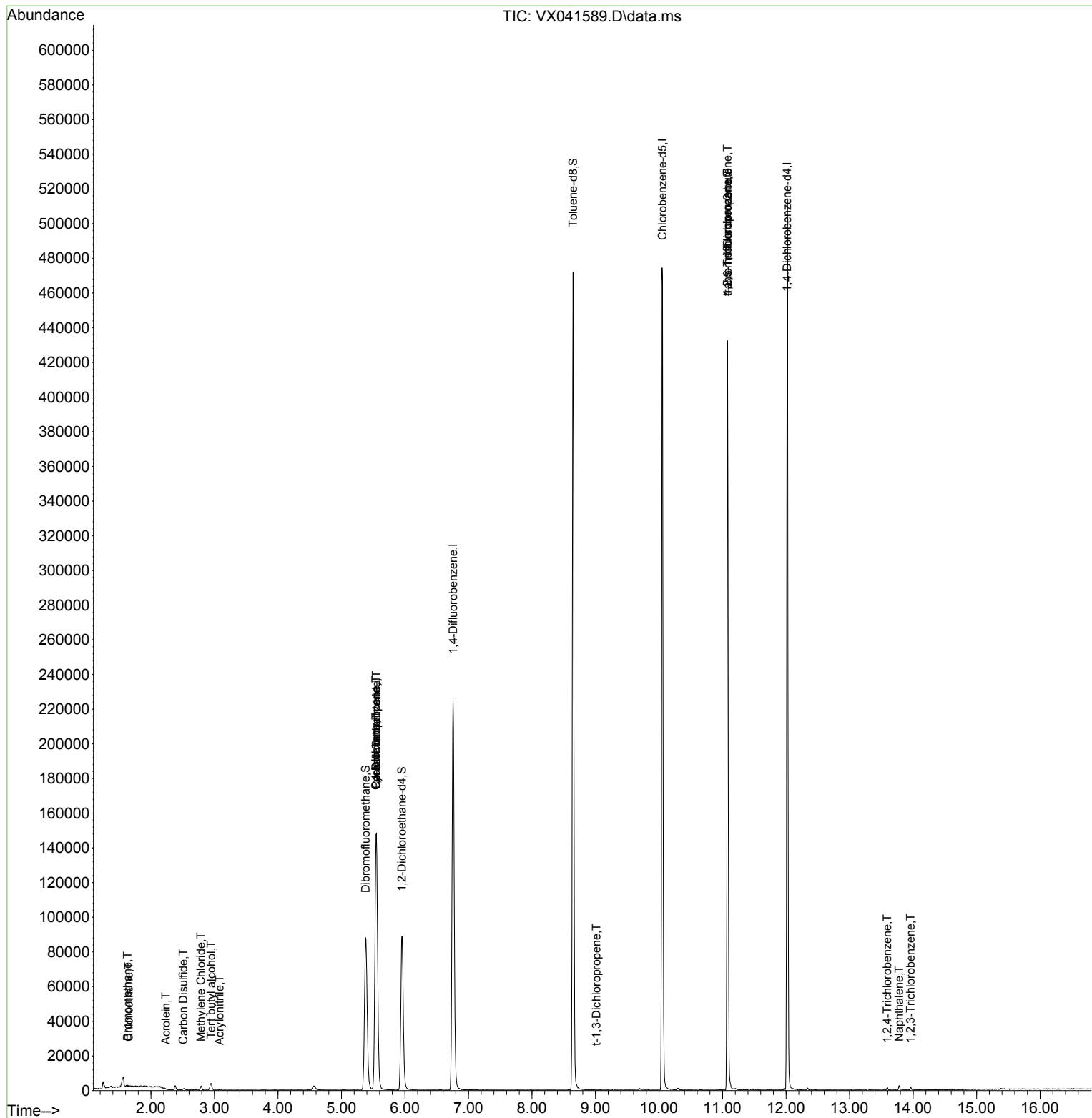
Internal Standards						
1) Pentafluorobenzene	5.550	168	160054	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	237509	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	114593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88574	50.834	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.660%		
35) Dibromofluoromethane	5.379	113	76989	47.833	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 95.660%		
50) Toluene-d8	8.647	98	277938	54.559	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 109.120%		
62) 4-Bromofluorobenzene	11.079	95	103514	52.491	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.980%		
Target Compounds						
						Qvalue
5) Bromomethane	1.630	94	278	0.342	ug/l	# 74
6) Chloroethane	1.648	64	248	0.412	ug/l	# 43
11) Tert butyl alcohol	2.946	59	2360	6.767	ug/l	# 78
13) Acrolein	2.233	56	204	0.737	ug/l	# 80
15) Acrylonitrile	3.081	53	238	0.299	ug/l	# 67
16) Acetone	2.379	43	2601	Below Cal		96
17) Carbon Disulfide	2.507	76	914	0.313	ug/l	# 76
20) Methylene Chloride	2.788	84	989	0.654	ug/l	92
31) Cyclohexane	5.544	56	2798	1.331	ug/l	# 6
36) 1,1-Dichloropropene	5.544	75	10411	5.409	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	14267	6.471	ug/l	# 15
53) t-1,3-Dichloropropene	9.012	75	70	2.472	ug/l	# 43
76) 1,2,3-Trichloropropane	11.079	75	52750	28.246	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	52750	76.939	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	554	0.209	ug/l	85
95) Naphthalene	13.780	128	2507	0.319	ug/l	# 91
96) 1,2,3-Trichlorobenzene	13.963	180	752	0.278	ug/l	91

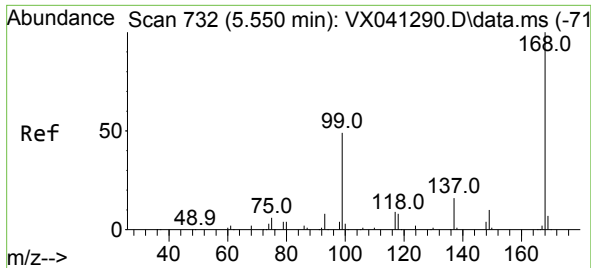
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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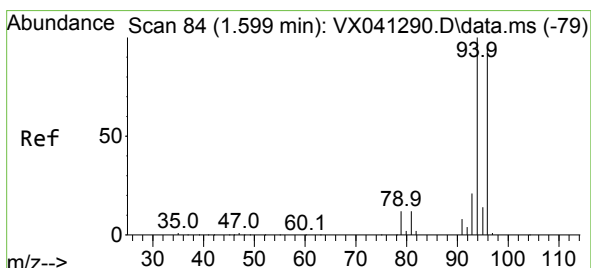
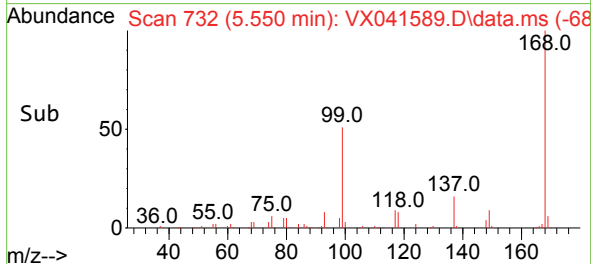
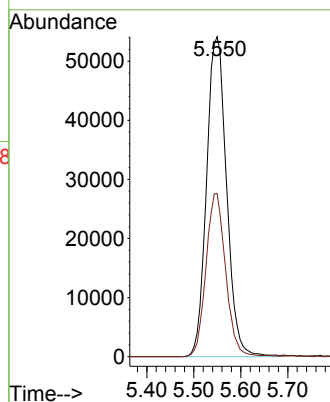
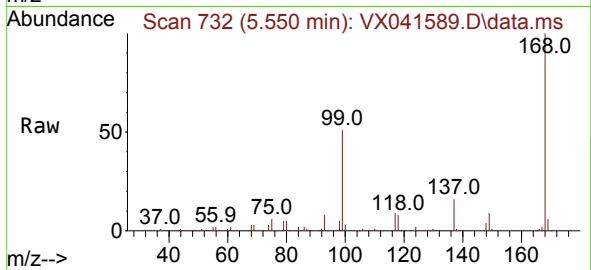




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041589.D
Acq: 22 May 2024 09:43

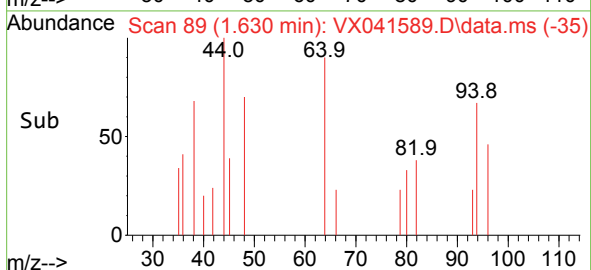
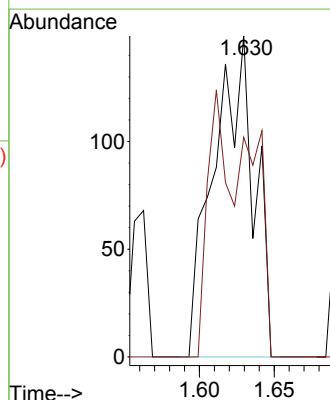
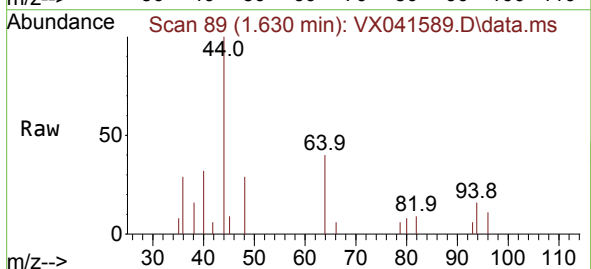
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

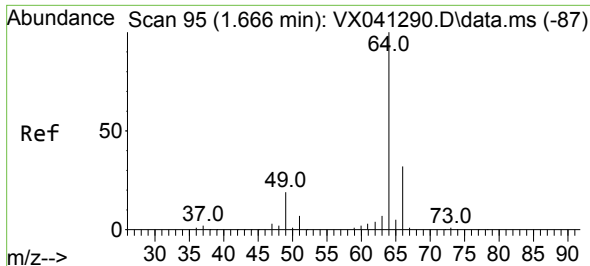
Tgt Ion:168 Resp: 160054
Ion Ratio Lower Upper
168 100
99 51.0 56.6 85.0#



#5
Bromomethane
Concen: 0.342 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX041589.D
Acq: 22 May 2024 09:43

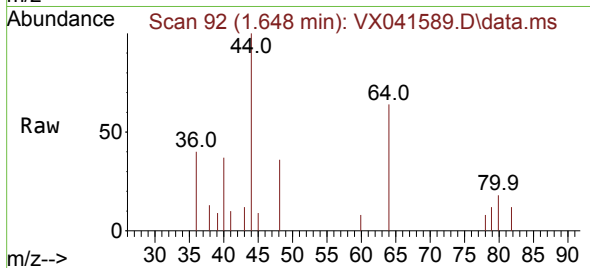
Tgt Ion: 94 Resp: 278
Ion Ratio Lower Upper
94 100
96 68.5 74.6 111.8#



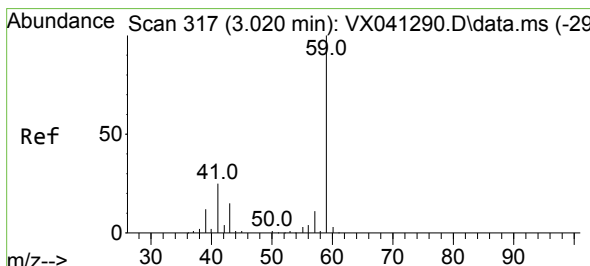
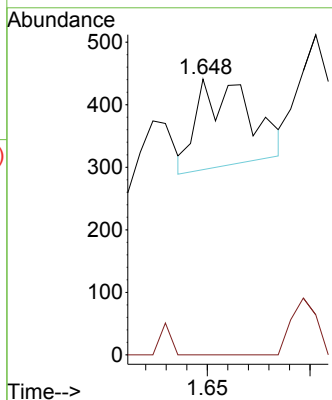
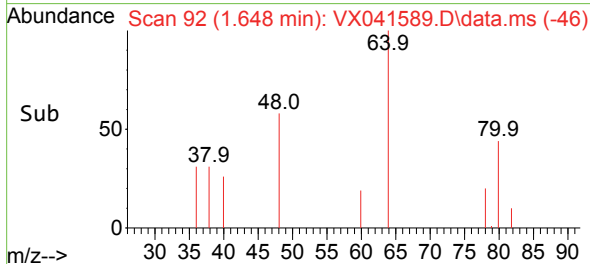


#6
Chloroethane
Concen: 0.412 ug/l
RT: 1.648 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX041589.D
Acq: 22 May 2024 09:43

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

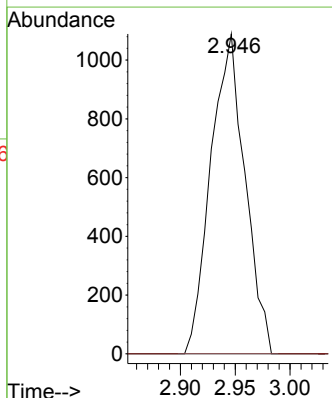
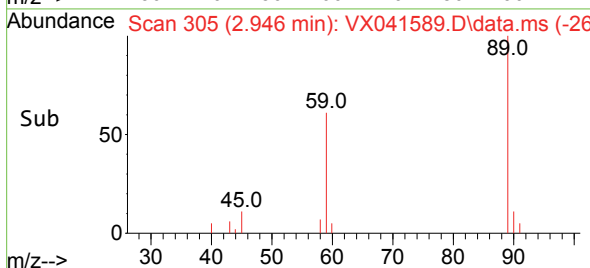
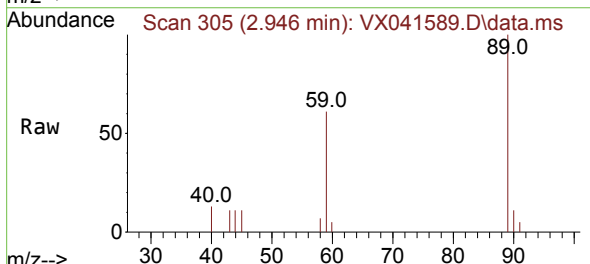


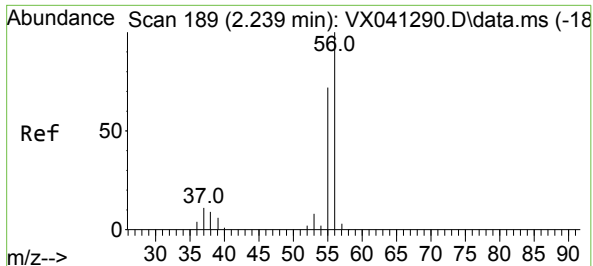
Tgt Ion: 64 Resp: 248
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 6.767 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.073 min
Lab File: VX041589.D
Acq: 22 May 2024 09:43

Tgt Ion: 59 Resp: 2360
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

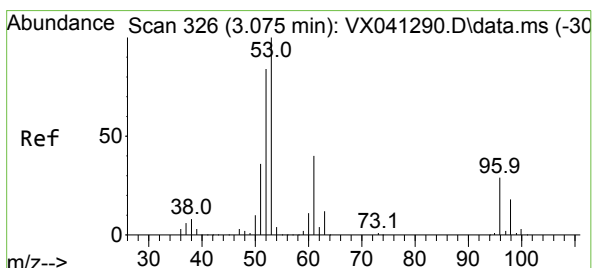
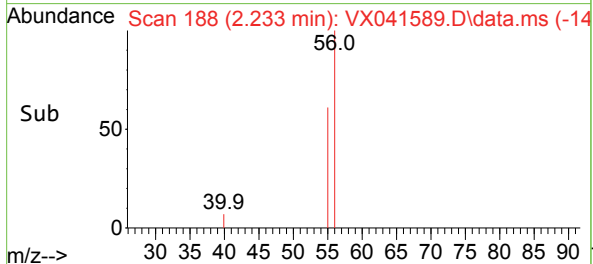
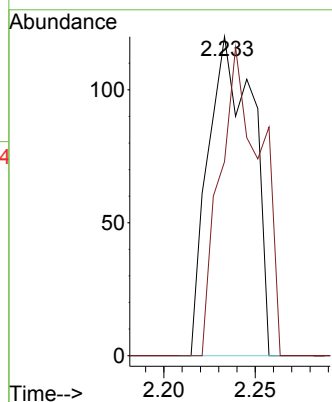
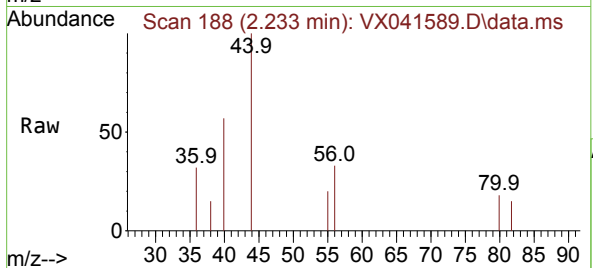




#13
Acrolein
Concen: 0.737 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX041589.D
Acq: 22 May 2024 09:43

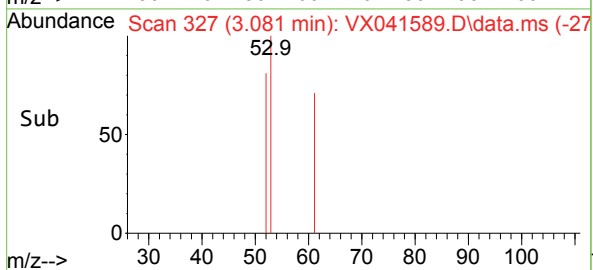
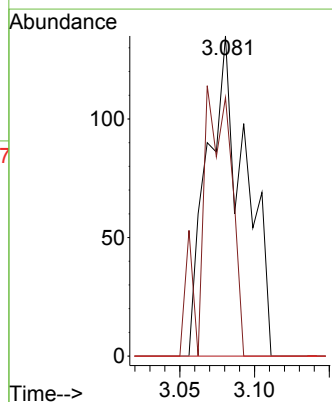
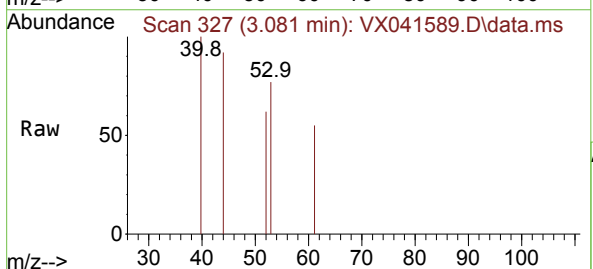
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

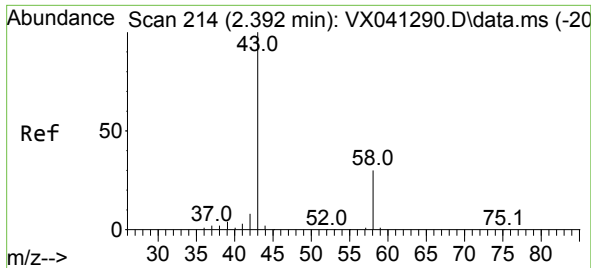
Tgt Ion: 56 Resp: 204
Ion Ratio Lower Upper
56 100
55 88.2 57.1 85.7#



#15
Acrylonitrile
Concen: 0.299 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX041589.D
Acq: 22 May 2024 09:43

Tgt Ion: 53 Resp: 238
Ion Ratio Lower Upper
53 100
52 65.1 66.0 99.0#
51 0.0 29.8 44.6#

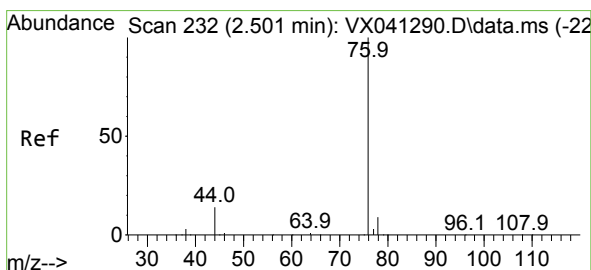
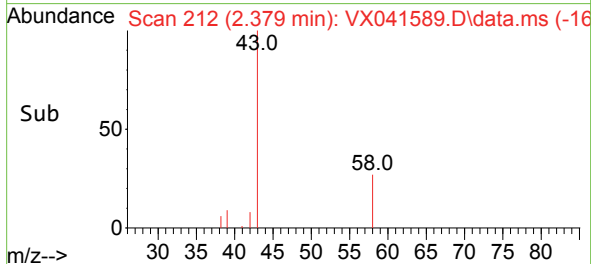
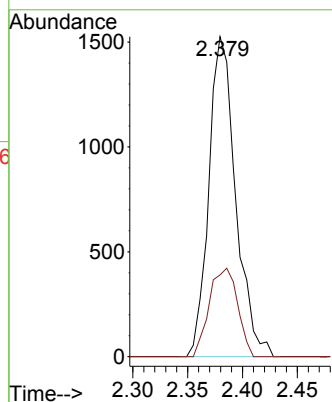
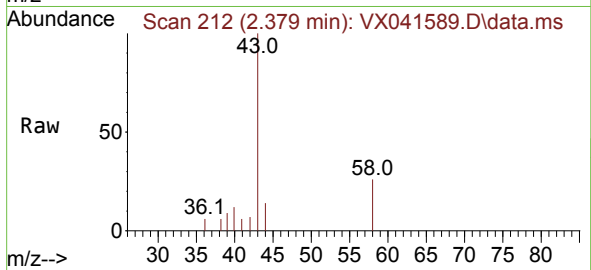




#16
Acetone
Concen: Below Cal
RT: 2.379 min Scan# 214
Delta R.T. -0.013 min
Lab File: VX041589.D
Acq: 22 May 2024 09:43

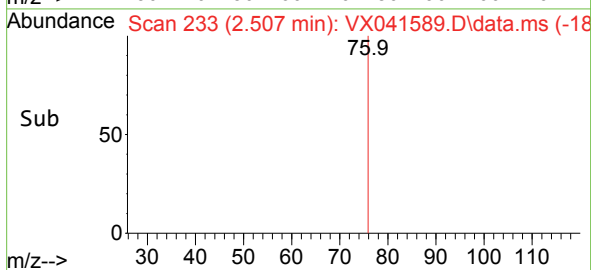
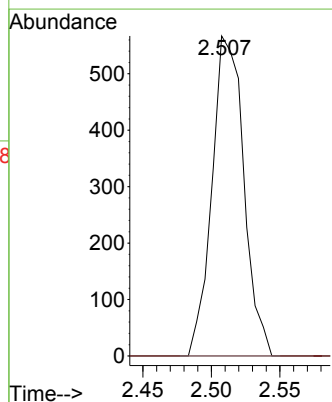
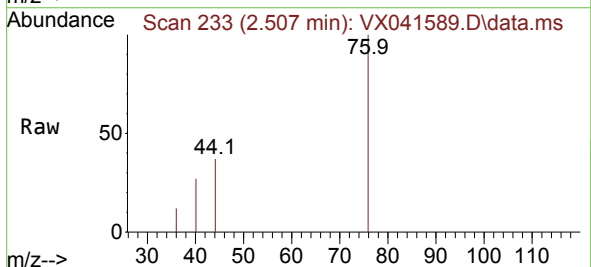
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

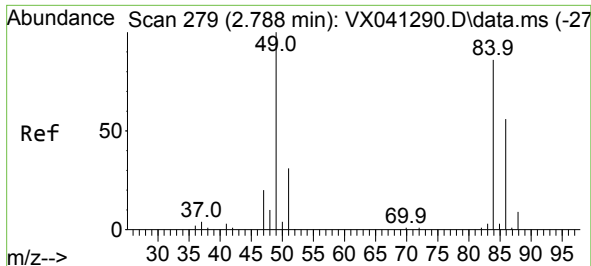
Tgt Ion: 43 Resp: 2601
Ion Ratio Lower Upper
43 100
58 25.6 21.9 32.9



#17
Carbon Disulfide
Concen: 0.313 ug/l
RT: 2.507 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX041589.D
Acq: 22 May 2024 09:43

Tgt Ion: 76 Resp: 914
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#20

Methylene Chloride

Concen: 0.654 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX041589.D

Acq: 22 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBL01

Tgt Ion: 84 Resp: 989

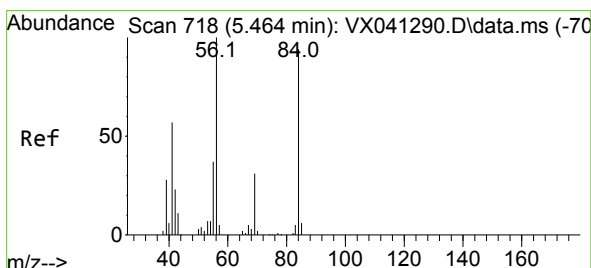
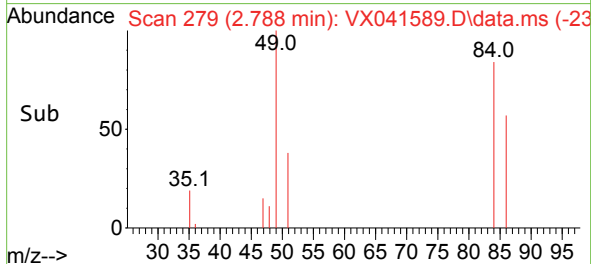
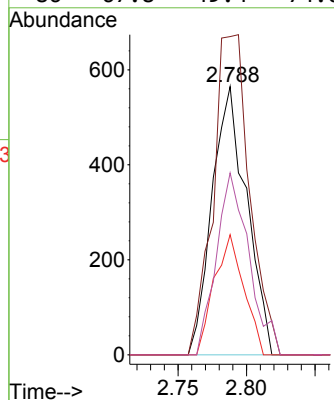
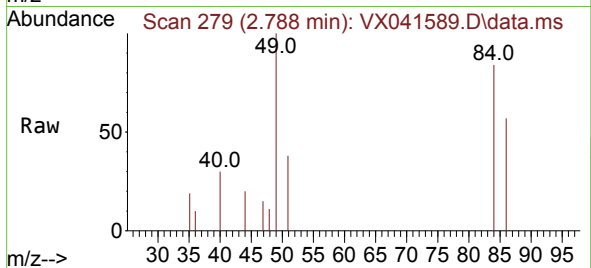
Ion Ratio Lower Upper

84 100

49 118.6 103.6 155.4

51 44.8 33.8 50.6

86 67.8 49.4 74.0



#31

Cyclohexane

Concen: 1.331 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX041589.D

Acq: 22 May 2024 09:43

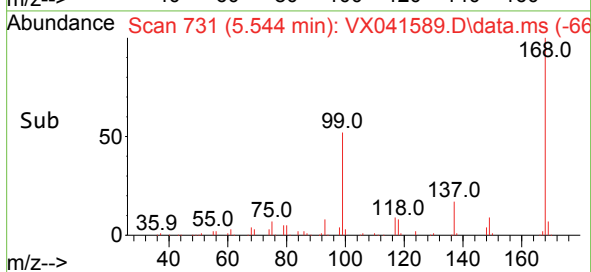
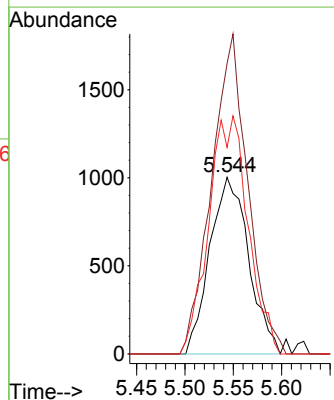
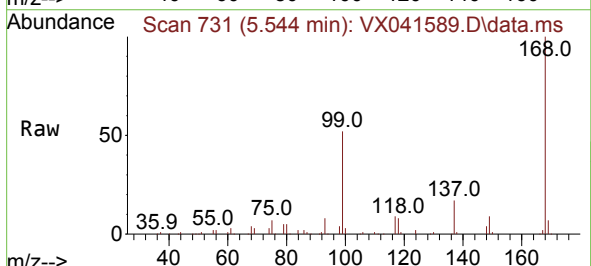
Tgt Ion: 56 Resp: 2798

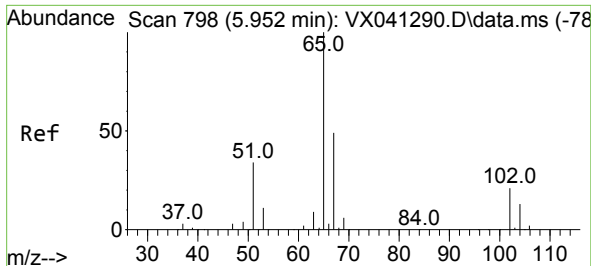
Ion Ratio Lower Upper

56 100

69 164.4 23.4 35.2#

84 116.9 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 50.834 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041589.D

Acq: 22 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

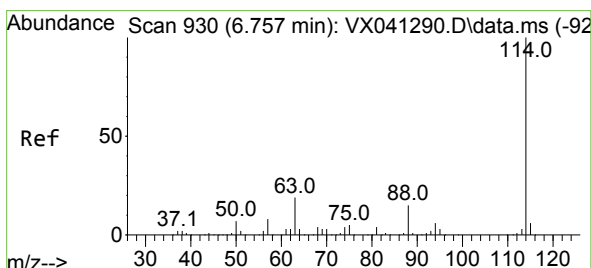
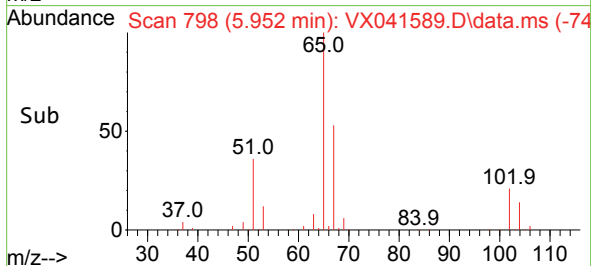
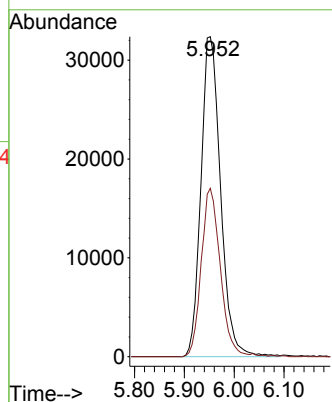
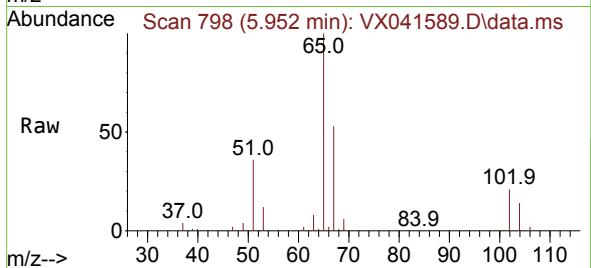
VX0522MBL01

Tgt Ion: 65 Resp: 88574

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX041589.D

Acq: 22 May 2024 09:43

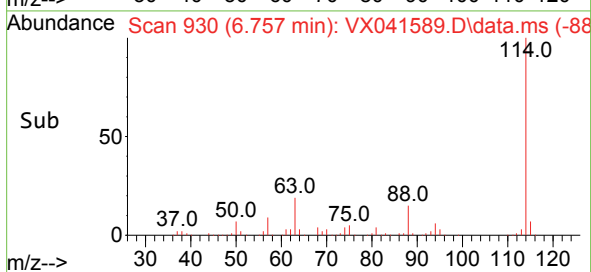
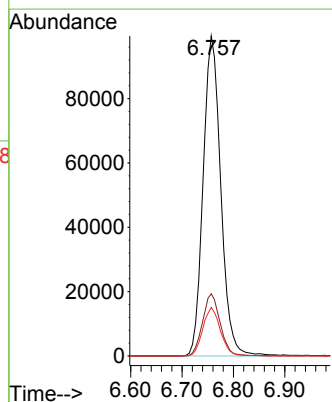
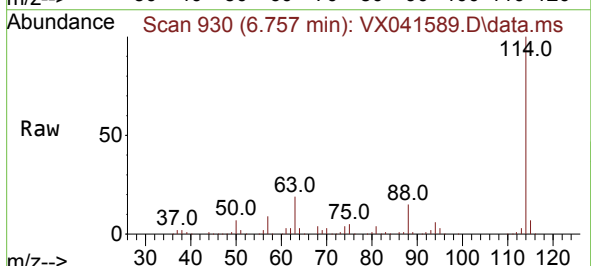
Tgt Ion: 114 Resp: 237509

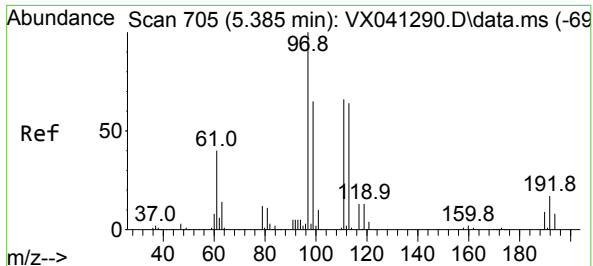
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 15.2 0.0 36.6

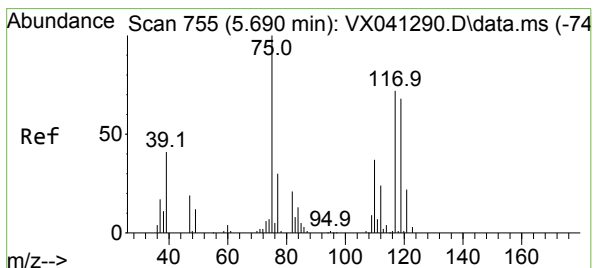
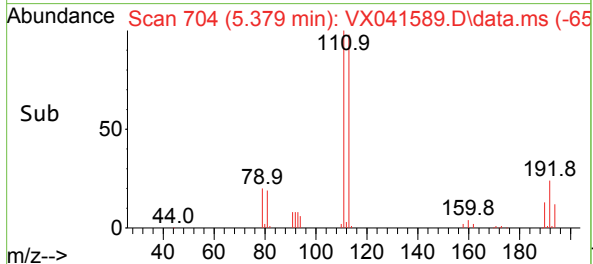
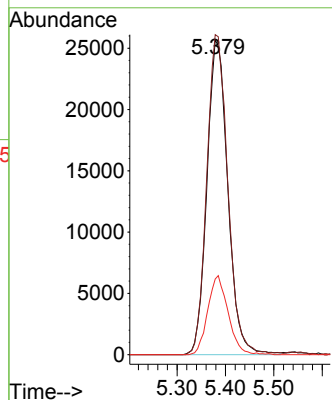
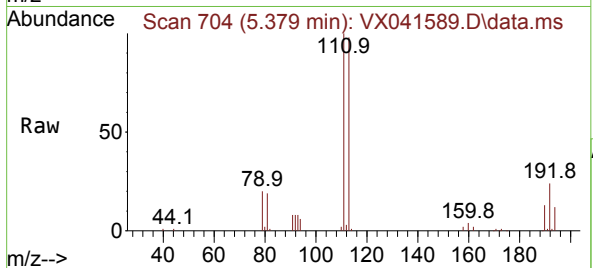




#35
Dibromofluoromethane
Concen: 47.833 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX041589.D
Acq: 22 May 2024 09:43

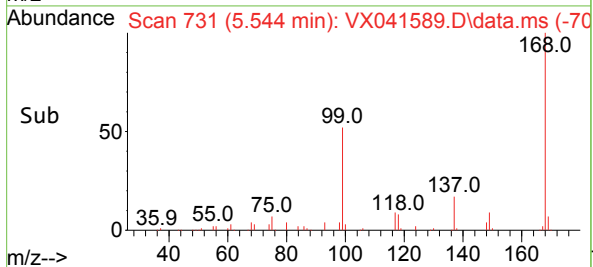
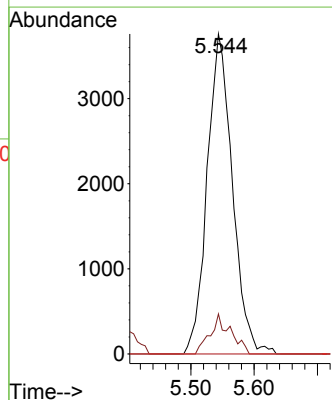
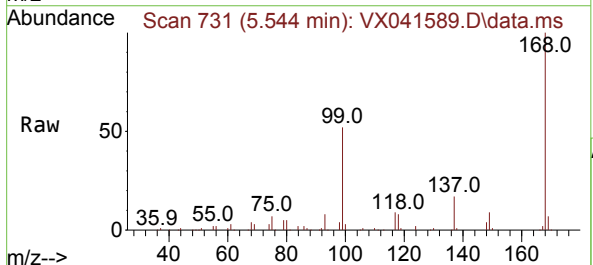
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

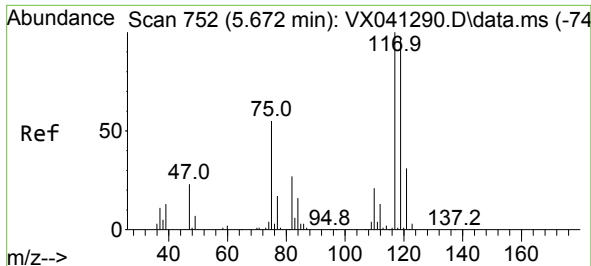
Tgt Ion:113 Resp: 76989
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 24.6 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.409 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041589.D
Acq: 22 May 2024 09:43

Tgt Ion: 75 Resp: 10411
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#

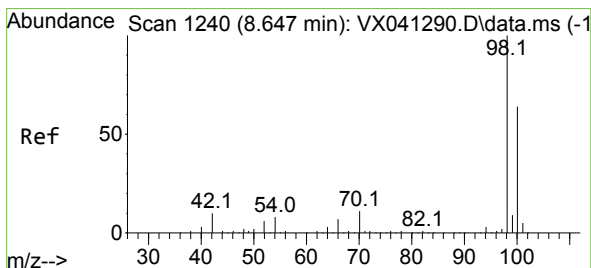
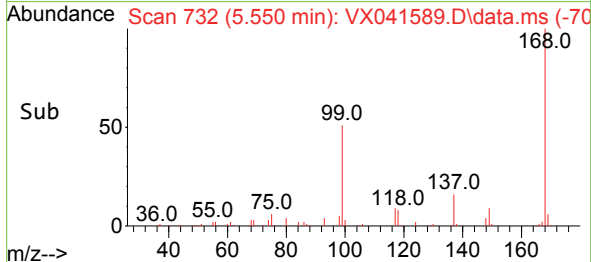
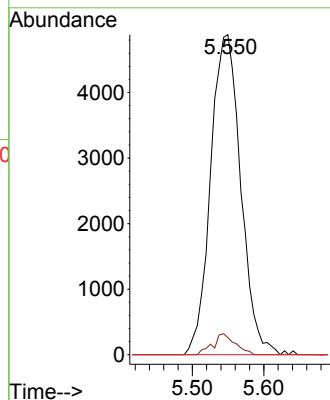
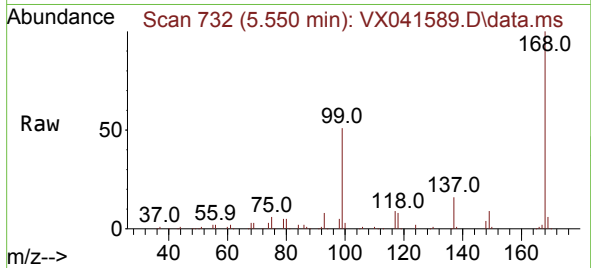




#38
Carbon Tetrachloride
Concen: 6.471 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041589.D
Acq: 22 May 2024 09:43

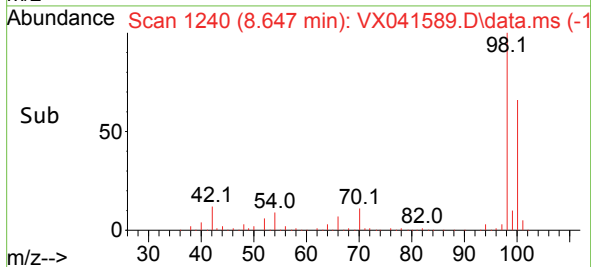
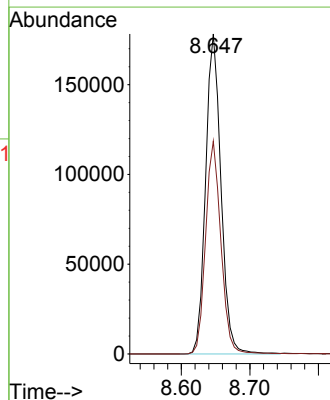
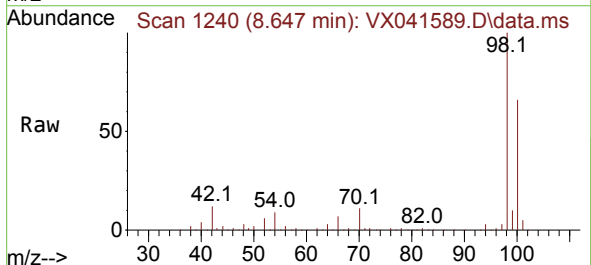
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

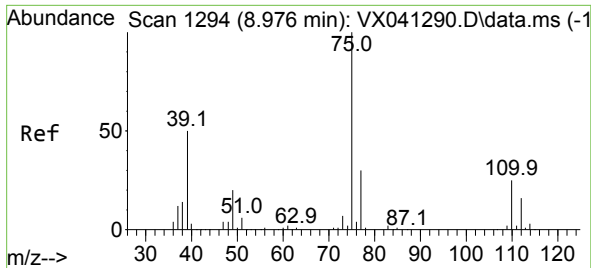
Tgt Ion:117 Resp: 14267
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 54.559 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041589.D
Acq: 22 May 2024 09:43

Tgt Ion: 98 Resp: 277938
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

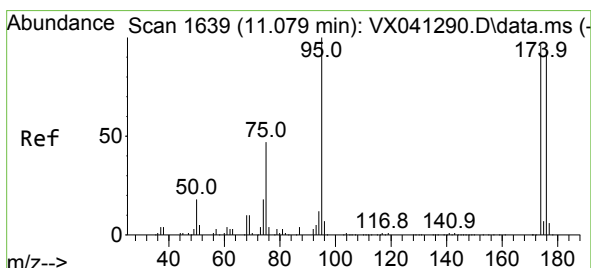
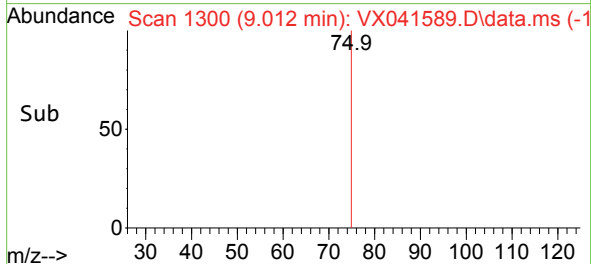
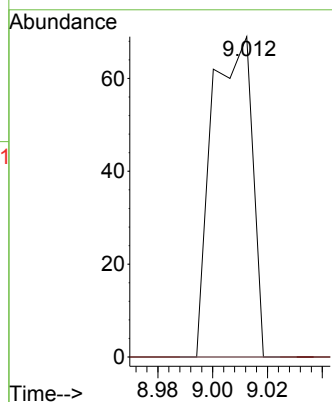
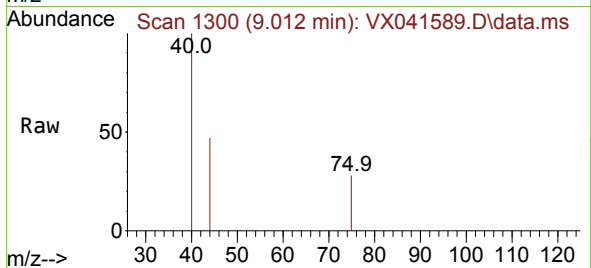




#53
 t-1,3-Dichloropropene
 Concen: 2.472 ug/l
 RT: 9.012 min Scan# 11
 Delta R.T. 0.036 min
 Lab File: VX041589.D
 Acq: 22 May 2024 09:43

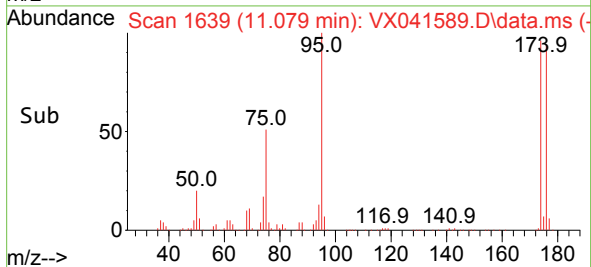
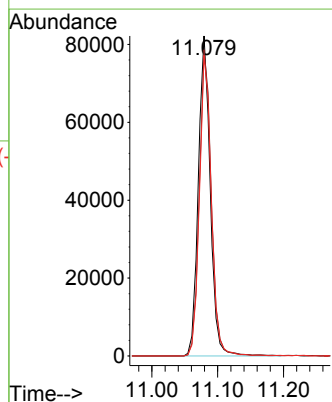
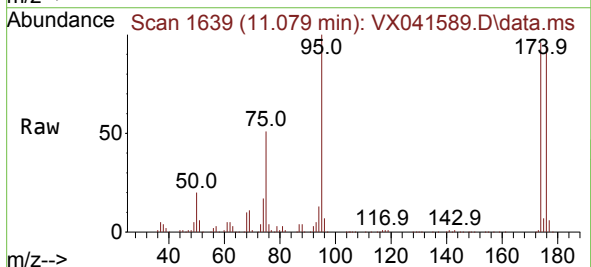
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBL01

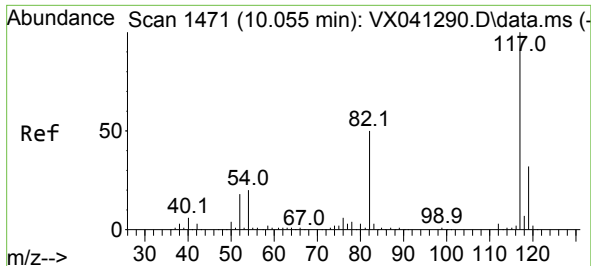
Tgt Ion: 75 Resp: 70
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#62
 4-Bromofluorobenzene
 Concen: 52.491 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX041589.D
 Acq: 22 May 2024 09:43

Tgt Ion: 95 Resp: 103514
 Ion Ratio Lower Upper
 95 100
 174 97.0 0.0 135.6
 176 93.8 0.0 131.0

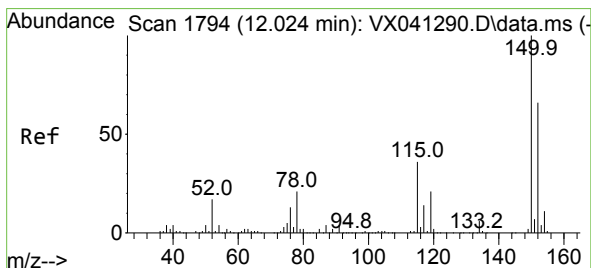
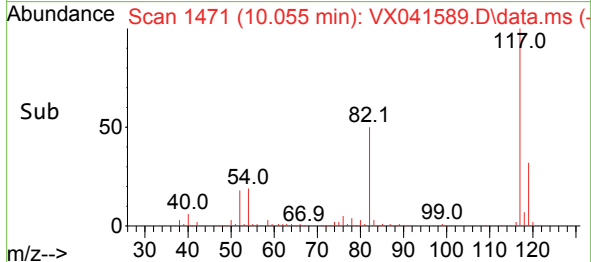
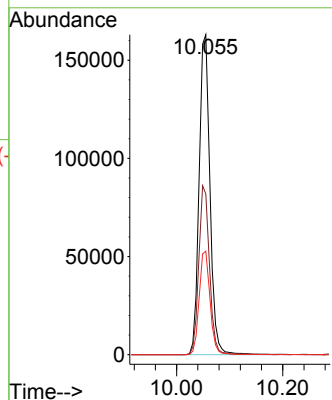
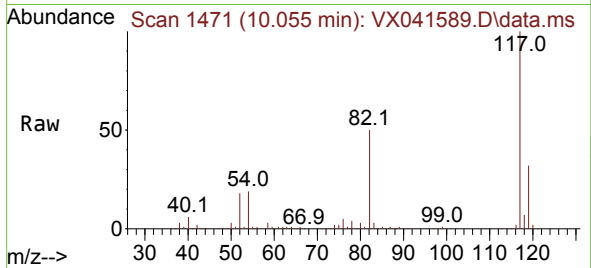




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041589.D
Acq: 22 May 2024 09:43

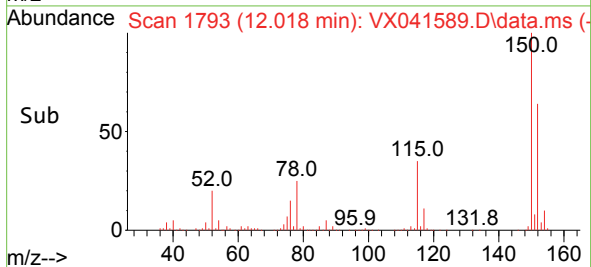
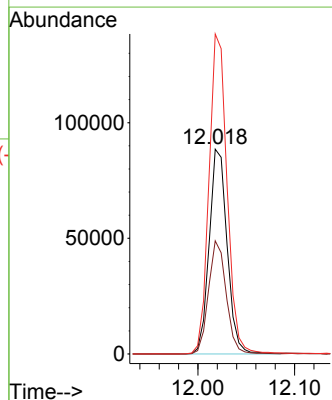
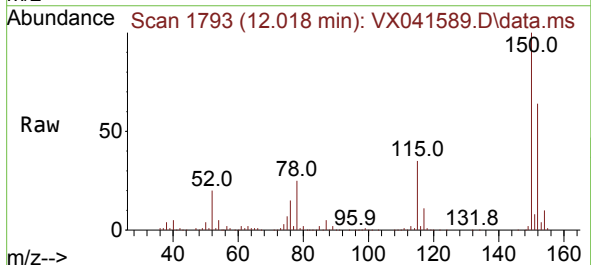
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

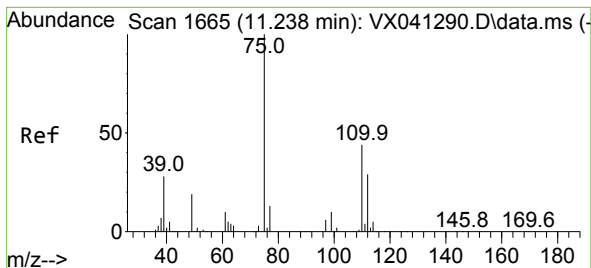
Tgt Ion:117 Resp: 231031
Ion Ratio Lower Upper
117 100
82 50.3 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX041589.D
Acq: 22 May 2024 09:43

Tgt Ion:152 Resp: 114593
Ion Ratio Lower Upper
152 100
115 54.4 43.3 129.9
150 157.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 28.246 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041589.D

Acq: 22 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

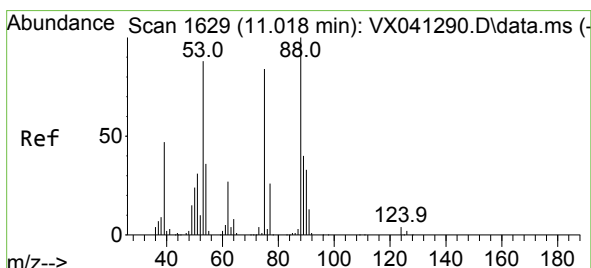
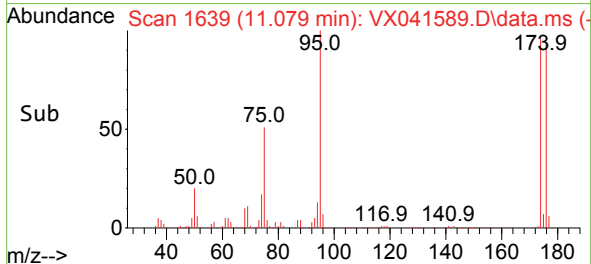
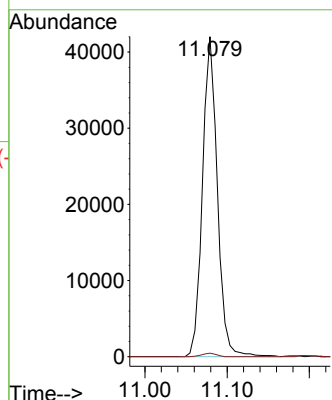
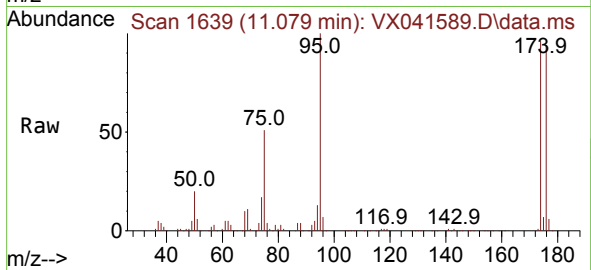
VX0522MBL01

Tgt Ion: 75 Resp: 52750

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.939 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041589.D

Acq: 22 May 2024 09:43

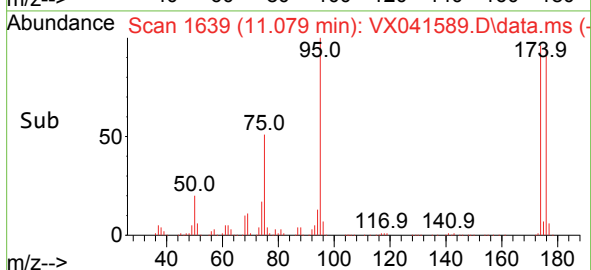
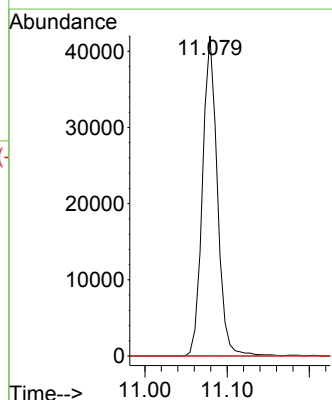
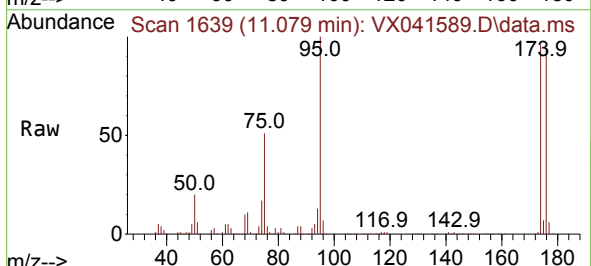
Tgt Ion: 75 Resp: 52750

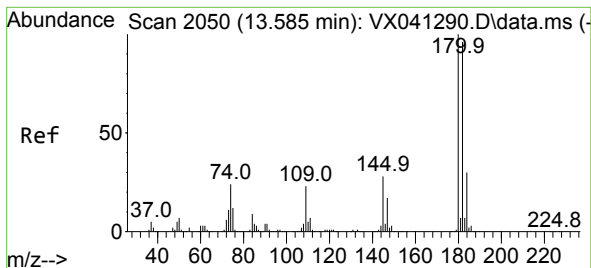
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.209 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX041589.D

Acq: 22 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBL01

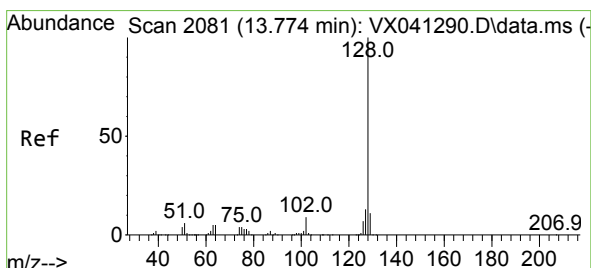
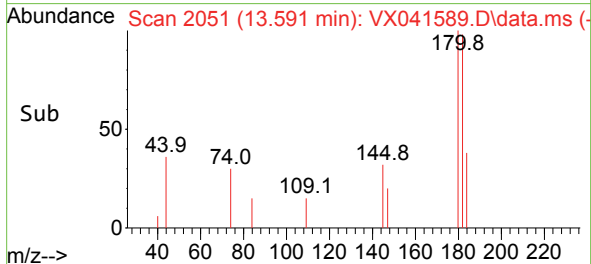
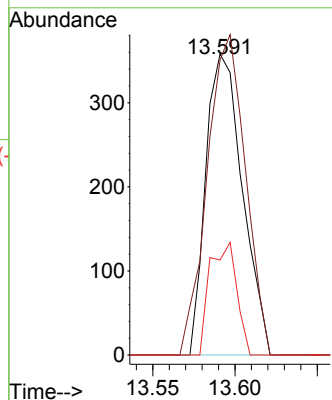
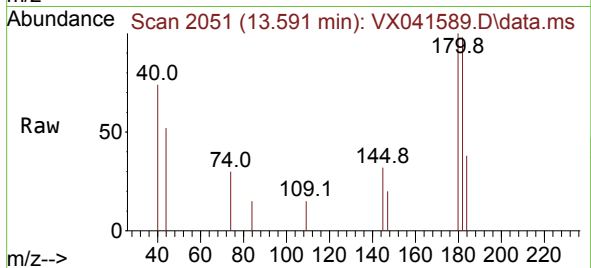
Tgt Ion:180 Resp: 554

Ion Ratio Lower Upper

180 100

182 111.2 48.3 144.8

145 27.4 18.0 54.0



#95

Naphthalene

Concen: 0.319 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX041589.D

Acq: 22 May 2024 09:43

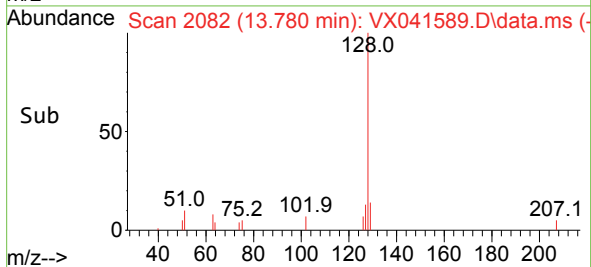
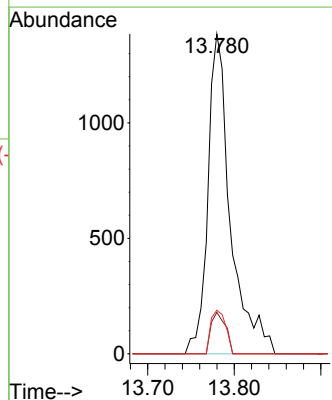
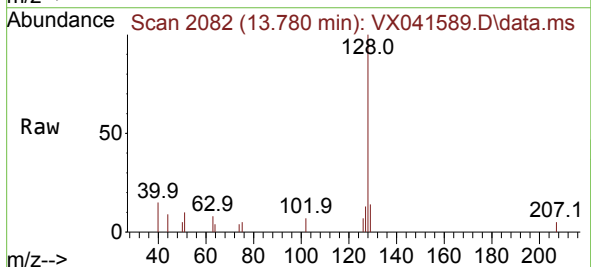
Tgt Ion:128 Resp: 2507

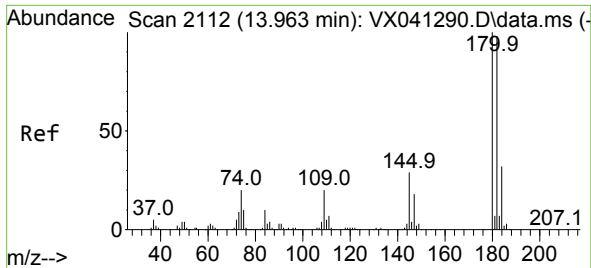
Ion Ratio Lower Upper

128 100

127 8.4 10.3 15.5#

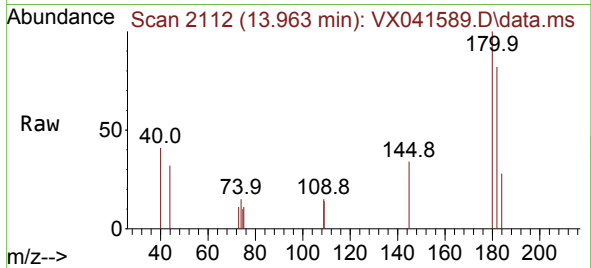
129 9.0 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.278 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX041589.D
 Acq: 22 May 2024 09:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBL01



Tgt Ion:	180	Resp:	752
Ion	Ratio	Lower	Upper
180	100		
182	89.2	46.9	140.6
145	24.7	17.8	53.5

