

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041824\
 Data File : VX041159.D
 Acq On : 18 Apr 2024 13:21
 Operator : JC/MD
 Sample : P2129-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 19 03:31:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

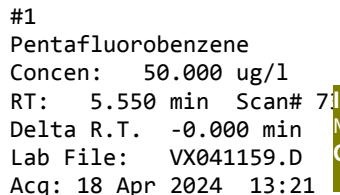
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	233523	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	343855	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	318243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	122511	48.592	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.180%
35) Dibromofluoromethane	5.385	113	105545	45.949	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.900%
50) Toluene-d8	8.647	98	394902	49.082	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.160%
62) 4-Bromofluorobenzene	11.079	95	139246	45.591	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.180%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	368	0.249	ug/l #	72
11) Tert butyl alcohol	2.947	59	123	0.249	ug/l #	78
16) Acetone	2.392	43	1569	1.481	ug/l	98
20) Methylene Chloride	2.788	84	3959	1.751	ug/l #	85
29) Tetrahydrofuran	5.062	42	349	0.317	ug/l	92
31) Cyclohexane	5.544	56	3356	1.075	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	13615	4.682	ug/l #	52
38) Carbon Tetrachloride	5.544	117	19188	5.690	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1552	0.443	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	67056	26.382	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	67056	67.285	ug/l #	5

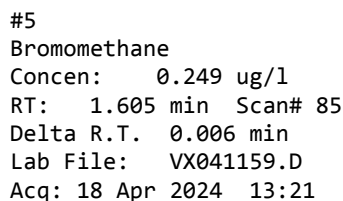
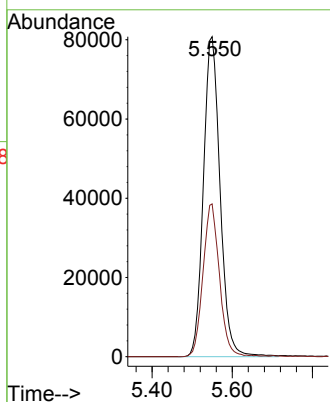
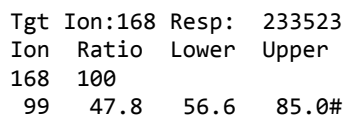
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Apr 19 03:31:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
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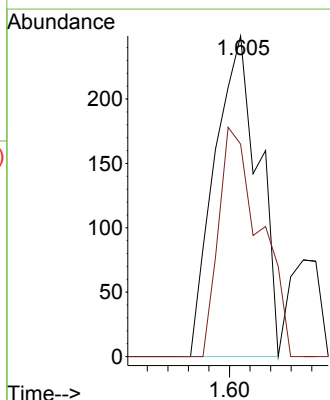


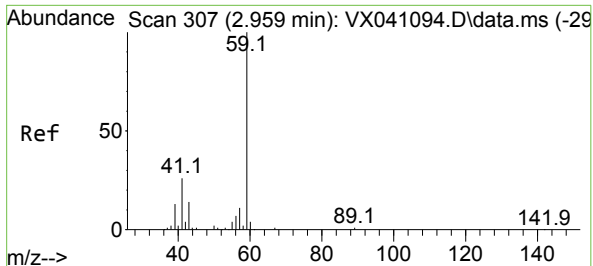


Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	94	Resp:	368
Ion	Ratio	Lower	Upper
94	100		
96	66.3	74.6	111.8#





#11

Tert butyl alcohol

Concen: 0.249 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.012 min

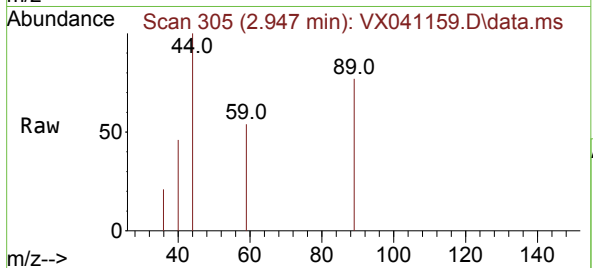
Lab File: VX041159.D

Acq: 18 Apr 2024 13:21

Instrument :

MSVOA_X

ClientSampleId :

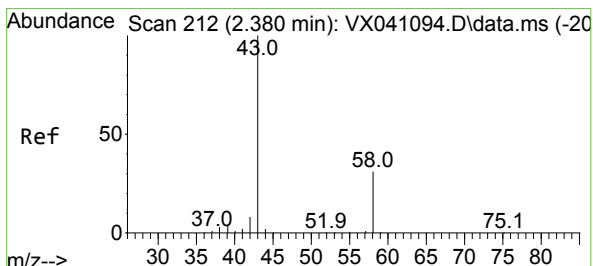
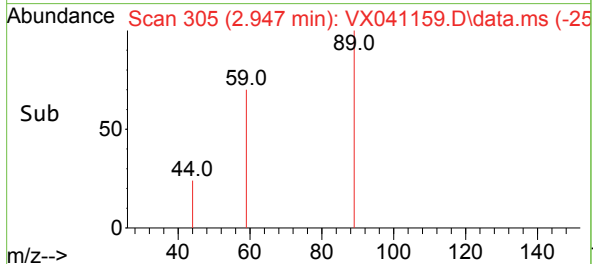
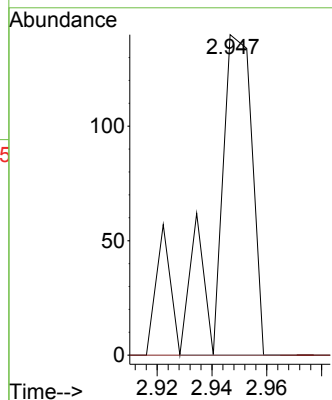


Tgt Ion: 59 Resp: 123

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.481 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX041159.D

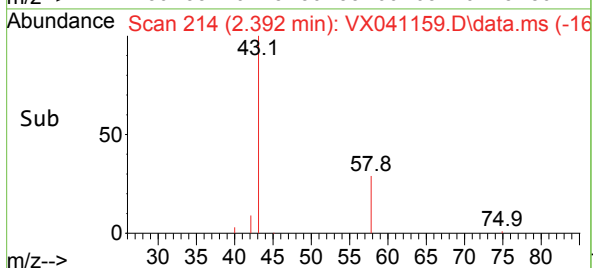
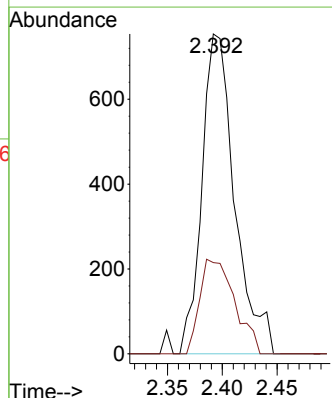
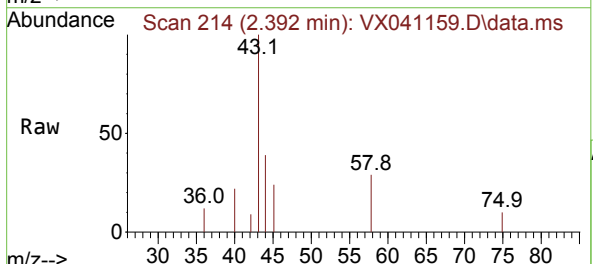
Acq: 18 Apr 2024 13:21

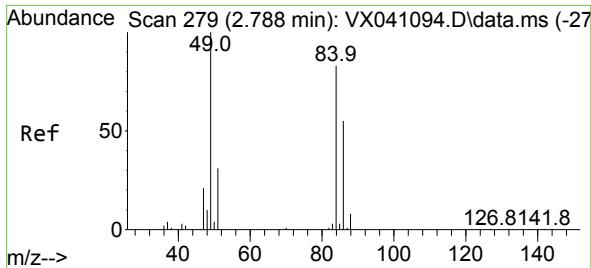
Tgt Ion: 43 Resp: 1569

Ion Ratio Lower Upper

43 100

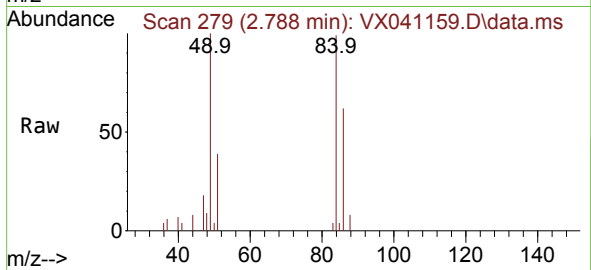
58 28.5 21.9 32.9



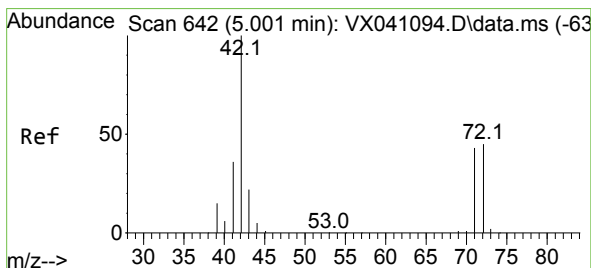
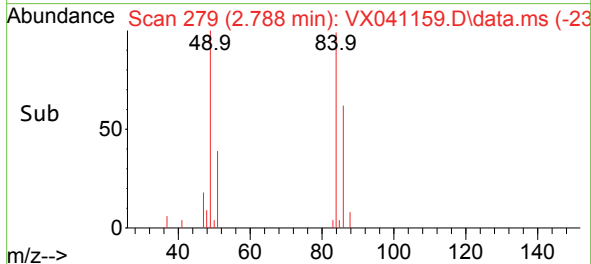
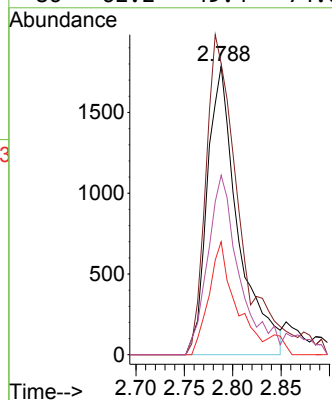


#20
Methylene Chloride
Concen: 1.751 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041159.D
Acq: 18 Apr 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :

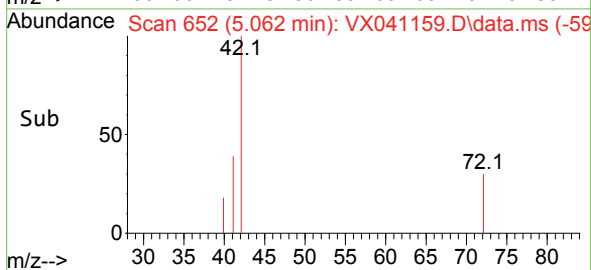
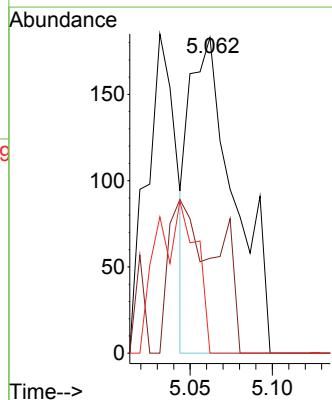
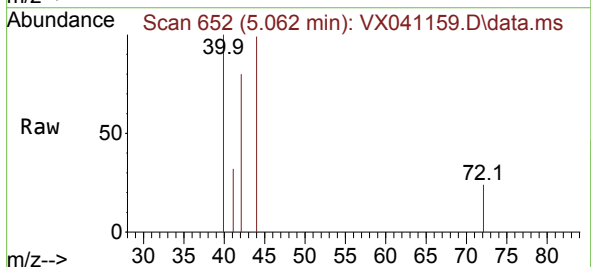


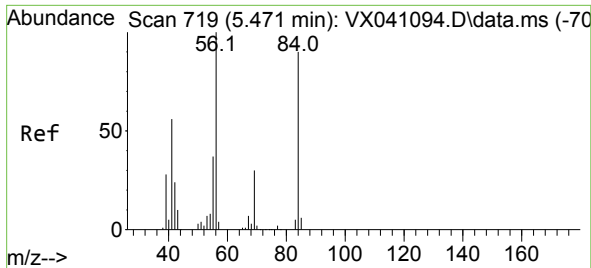
Tgt Ion: 84 Resp: 3959
Ion Ratio Lower Upper
84 100
49 100.8 103.6 155.4#
51 39.2 33.8 50.6
86 62.2 49.4 74.0



#29
Tetrahydrofuran
Concen: 0.317 ug/l
RT: 5.062 min Scan# 652
Delta R.T. 0.061 min
Lab File: VX041159.D
Acq: 18 Apr 2024 13:21

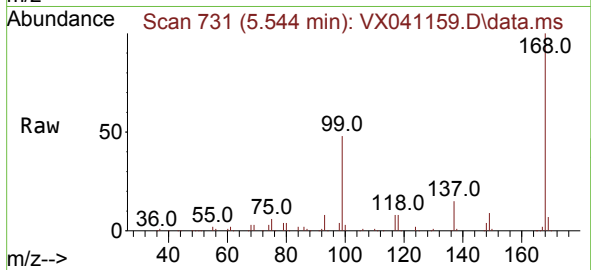
Tgt Ion: 42 Resp: 349
Ion Ratio Lower Upper
42 100
72 50.7 34.2 51.4
71 41.8 32.2 48.2



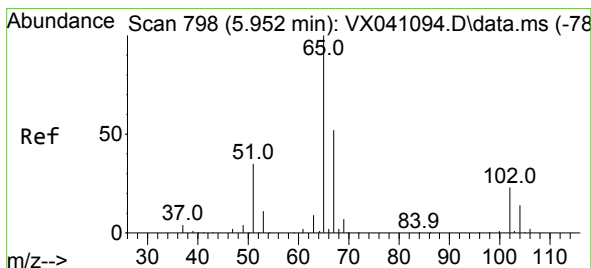
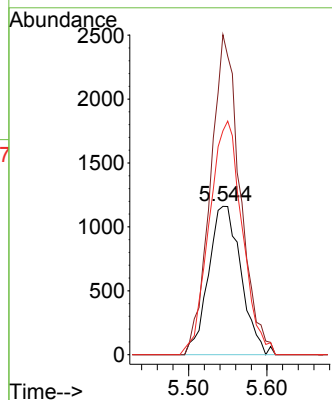
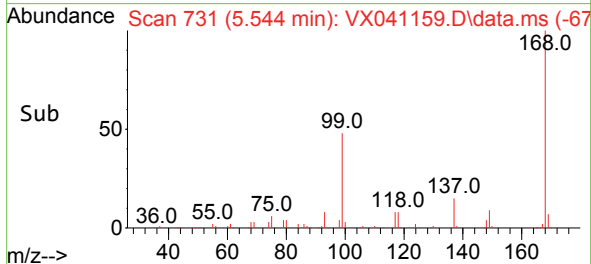


#31
Cyclohexane
Concen: 1.075 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX041159.D
Acq: 18 Apr 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :

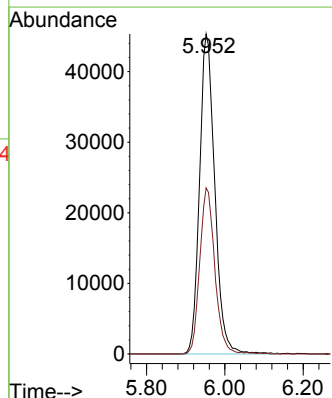
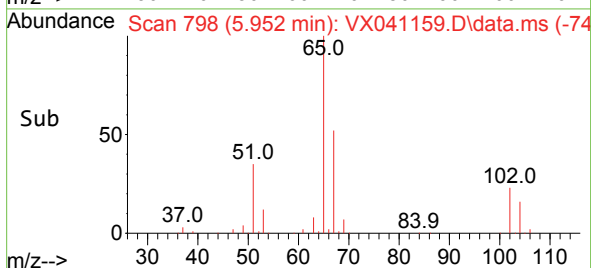
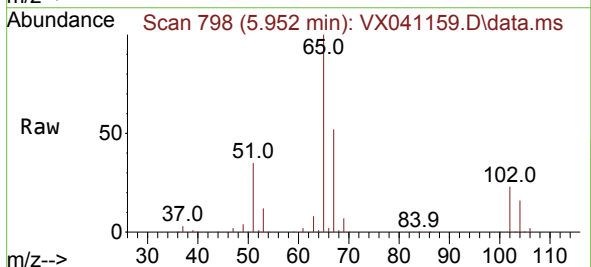


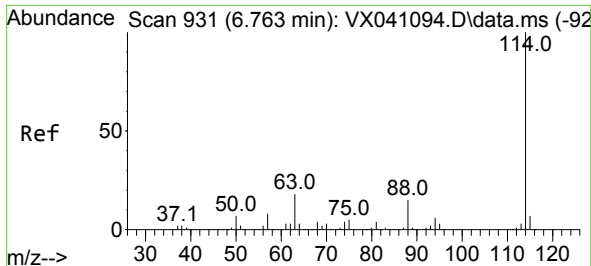
Tgt Ion: 56 Resp: 3356
Ion Ratio Lower Upper
56 100
69 215.7 23.4 35.2#
84 150.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.592 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041159.D
Acq: 18 Apr 2024 13:21

Tgt Ion: 65 Resp: 122511
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX041159.D

Acq: 18 Apr 2024 13:21

Instrument :

MSVOA_X

ClientSampleId :

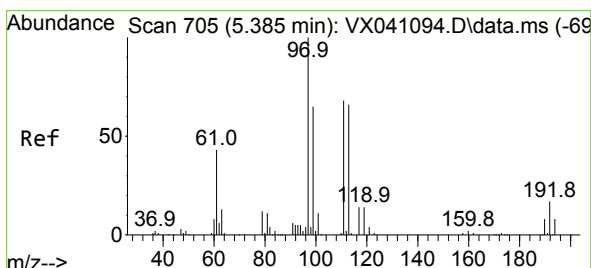
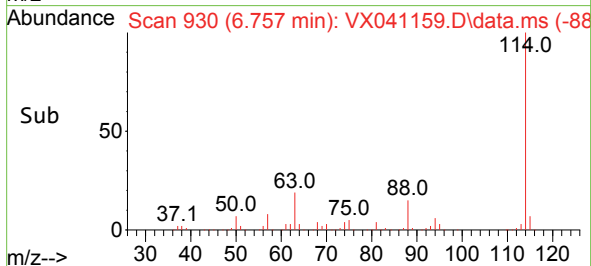
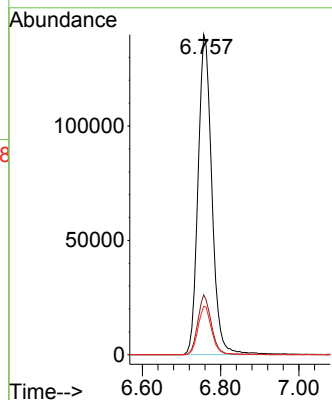
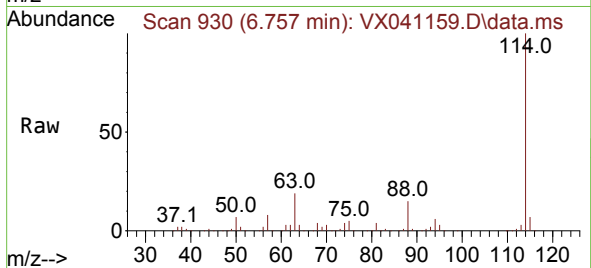
Tgt Ion:114 Resp: 343855

Ion Ratio Lower Upper

114 100

63 18.7 0.0 45.0

88 15.1 0.0 36.6



#35

Dibromofluoromethane

Concen: 45.949 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX041159.D

Acq: 18 Apr 2024 13:21

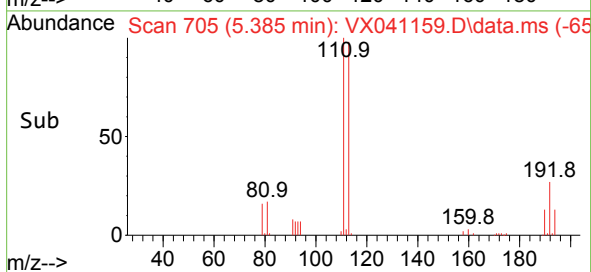
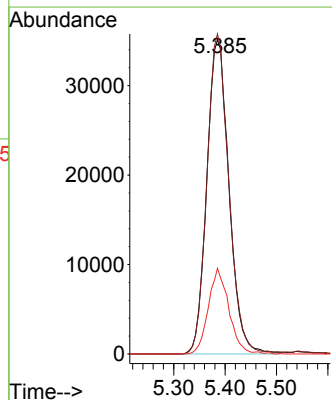
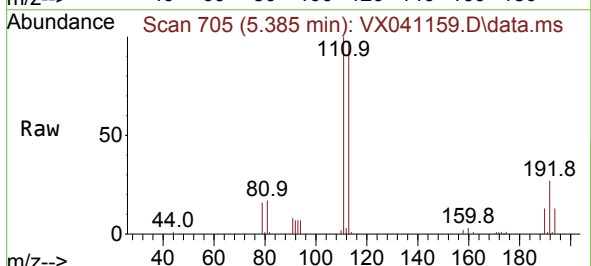
Tgt Ion:113 Resp: 105545

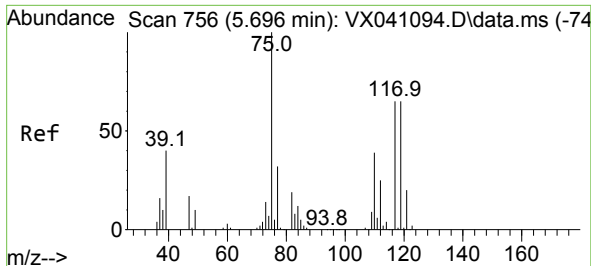
Ion Ratio Lower Upper

113 100

111 100.4 82.9 124.3

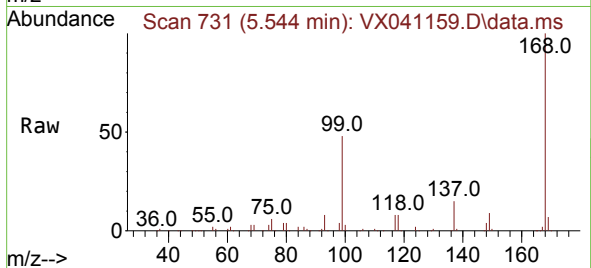
192 25.2 13.3 19.9#



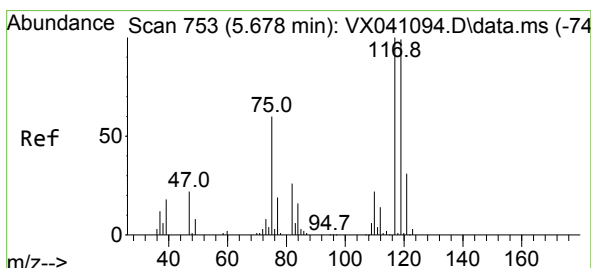
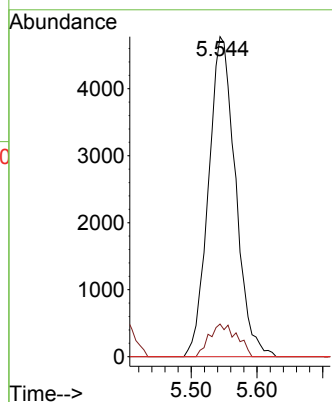
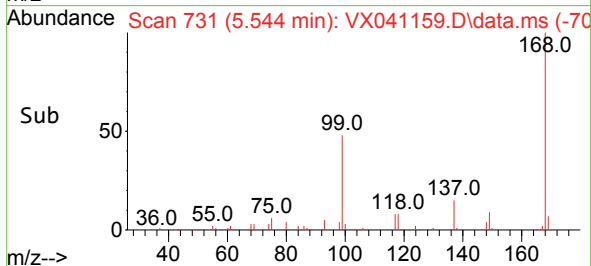


#36
1,1-Dichloropropene
Concen: 4.682 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.152 min
Lab File: VX041159.D
Acq: 18 Apr 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :

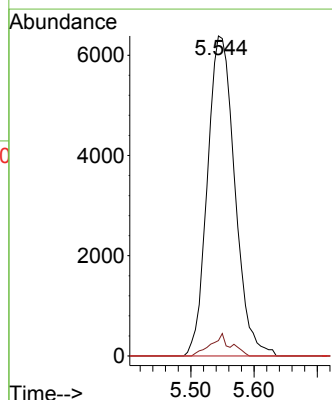
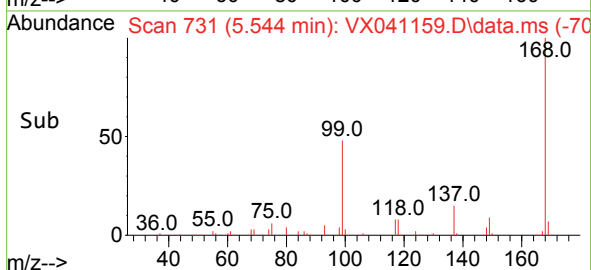
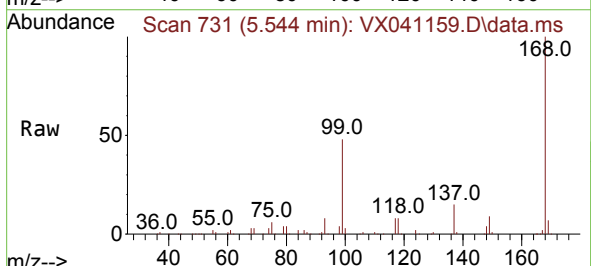


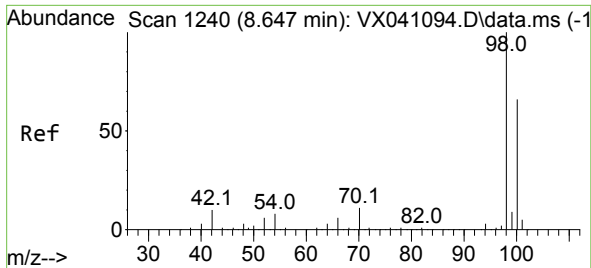
Tgt Ion: 75 Resp: 13615
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.690 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX041159.D
Acq: 18 Apr 2024 13:21

Tgt Ion: 117 Resp: 19188
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#

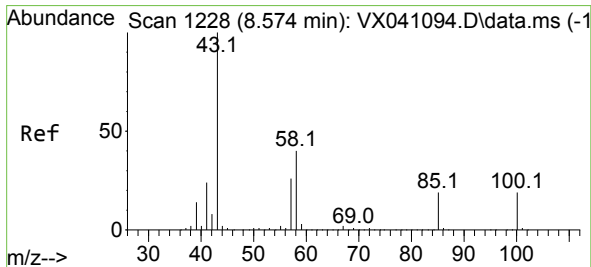
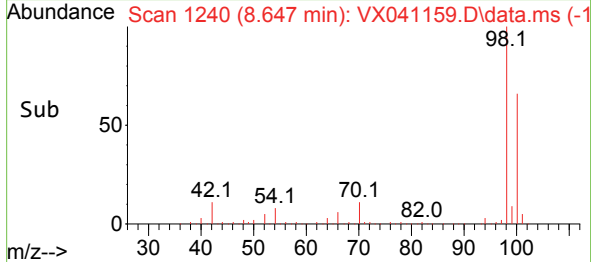
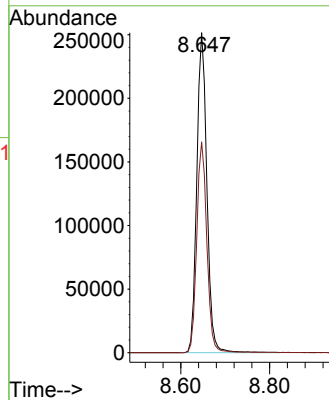
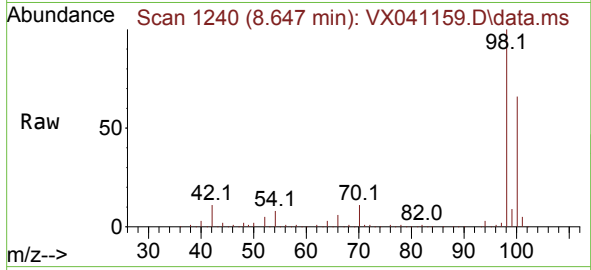




#50
Toluene-d8
Concen: 49.082 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041159.D
Acq: 18 Apr 2024 13:21

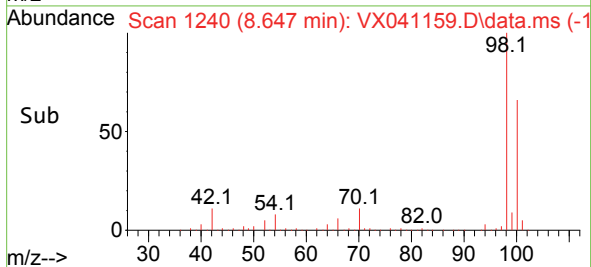
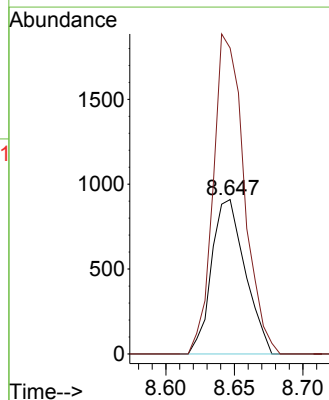
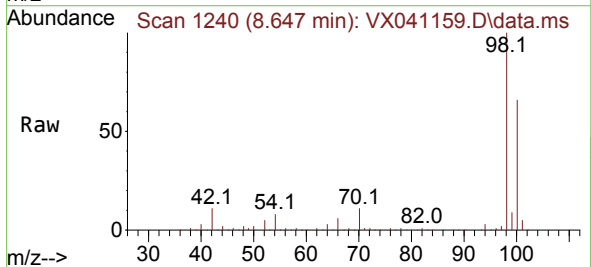
Instrument :
MSVOA_X
ClientSampleId :

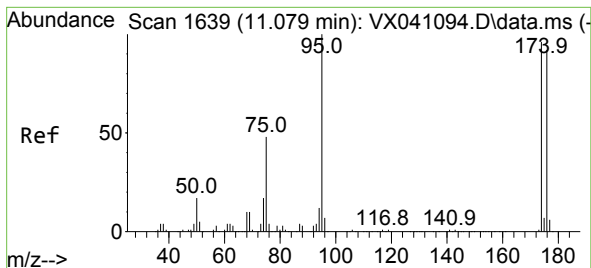
Tgt Ion: 98 Resp: 394902
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.443 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX041159.D
Acq: 18 Apr 2024 13:21

Tgt Ion: 43 Resp: 1552
Ion Ratio Lower Upper
43 100
58 190.1 30.4 45.6#

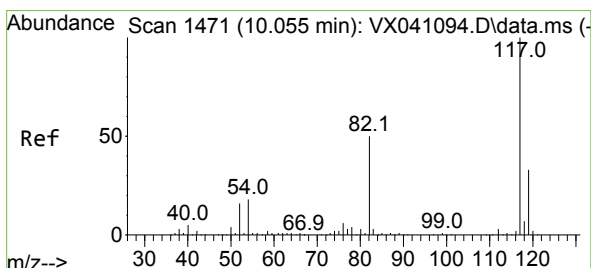
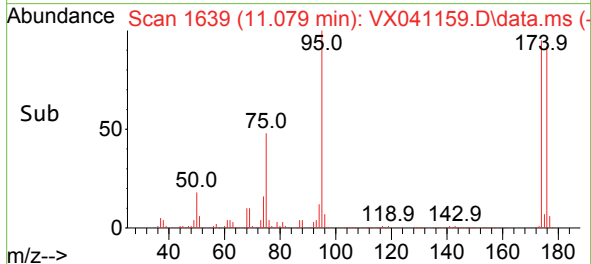
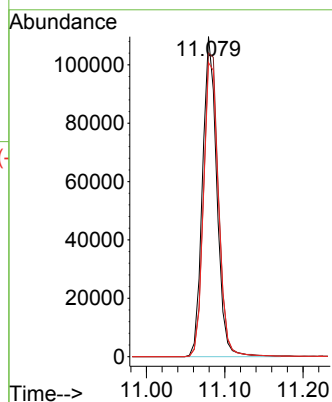
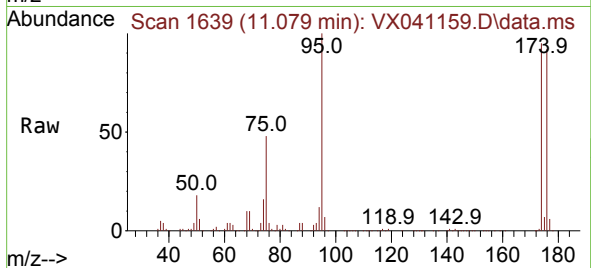




#62
4-Bromofluorobenzene
Concen: 45.591 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041159.D
Acq: 18 Apr 2024 13:21

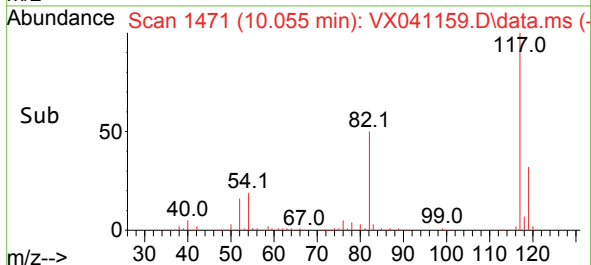
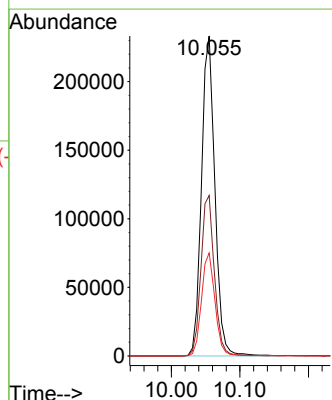
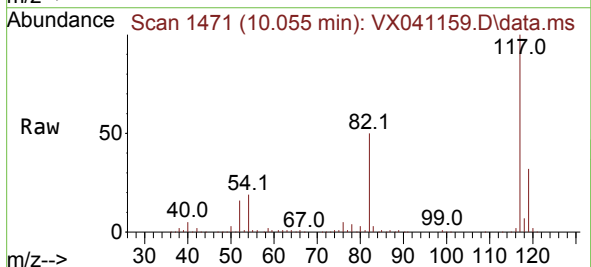
Instrument :
MSVOA_X
ClientSampleId :

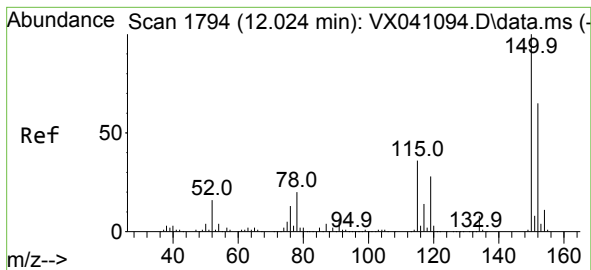
Tgt Ion: 95 Resp: 139246
Ion Ratio Lower Upper
95 100
174 99.4 0.0 135.6
176 96.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041159.D
Acq: 18 Apr 2024 13:21

Tgt Ion: 117 Resp: 318243
Ion Ratio Lower Upper
117 100
82 50.1 46.2 69.4
119 32.2 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: VX041159.D

Acq: 18 Apr 2024 13:21

Instrument :

MSVOA_X

ClientSampleId :

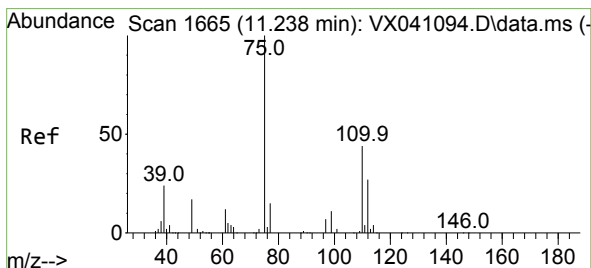
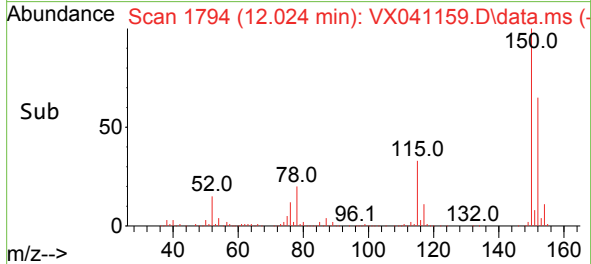
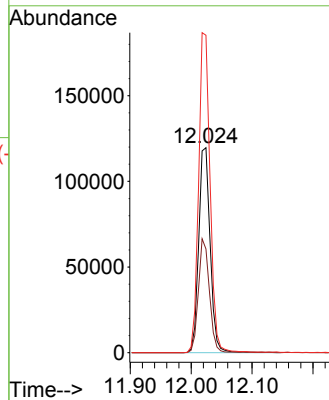
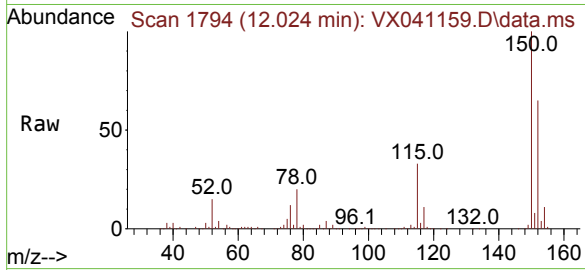
Tgt Ion:152 Resp: 155968

Ion Ratio Lower Upper

152 100

115 53.2 43.3 129.9

150 156.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.382 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041159.D

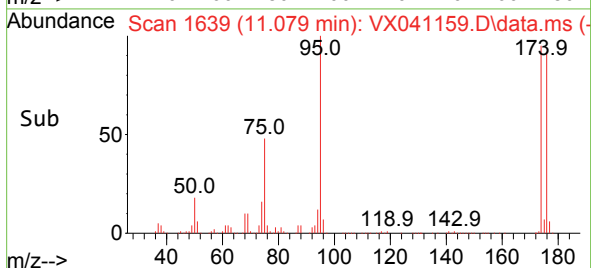
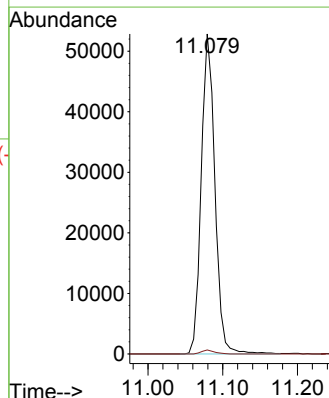
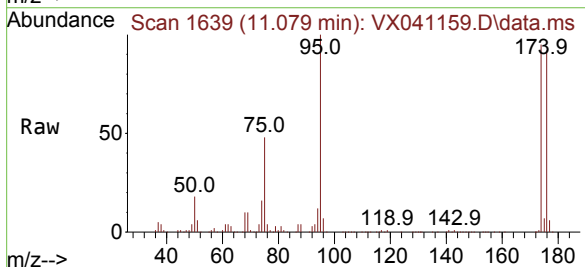
Acq: 18 Apr 2024 13:21

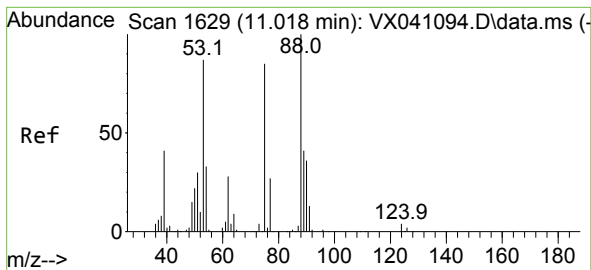
Tgt Ion: 75 Resp: 67056

Ion Ratio Lower Upper

75 100

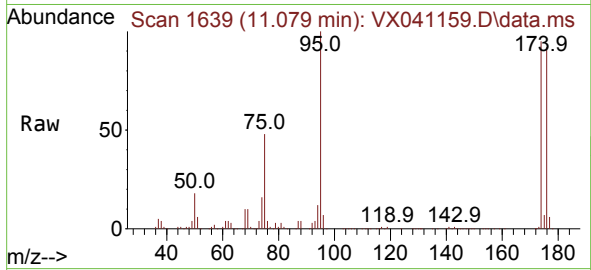
77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.285 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041159.D
Acq: 18 Apr 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 67056
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

