

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041824\
 Data File : VX041158.D
 Acq On : 18 Apr 2024 12:58
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 19 03:31:17 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)

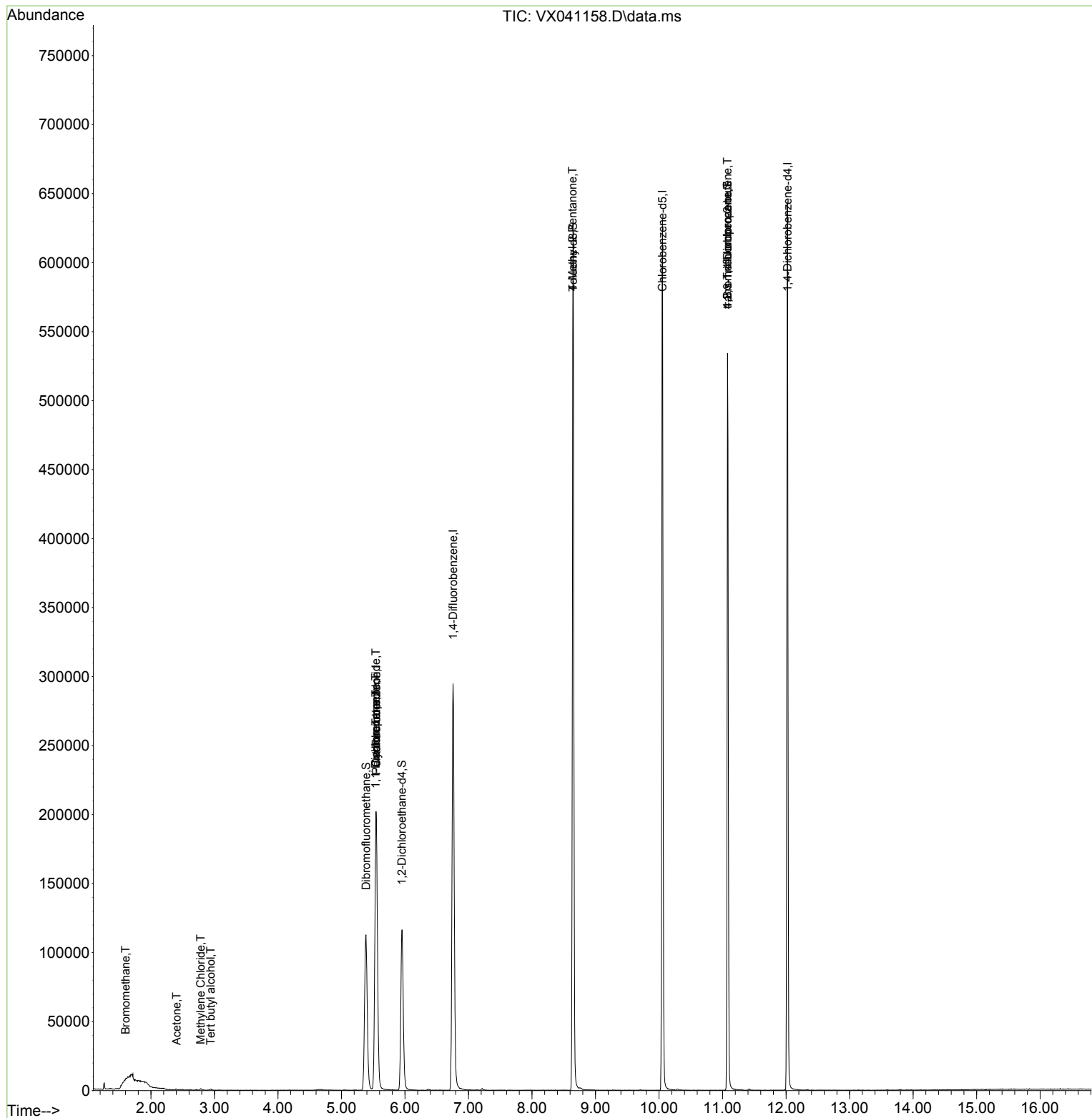
Internal Standards						
1) Pentafluorobenzene	5.550	168	225136	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	331826	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	309353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	114764	47.215	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.420%
35) Dibromofluoromethane	5.385	113	98658	44.508	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.020%
50) Toluene-d8	8.647	98	381825	49.177	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.360%
62) 4-Bromofluorobenzene	11.079	95	135197	45.870	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.740%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	438	0.307	ug/l	# 70
11) Tert butyl alcohol	2.940	59	423	0.890	ug/l	# 78
16) Acetone	2.404	43	296	0.290	ug/l	# 47
20) Methylene Chloride	2.782	84	665	0.305	ug/l	# 79
31) Cyclohexane	5.544	56	3230	1.073	ug/l	# 1
36) 1,1-Dichloropropene	5.537	75	13408	4.778	ug/l	# 50
38) Carbon Tetrachloride	5.544	117	18861	5.796	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.641	43	1506	0.445	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	63796	25.367	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	63796	64.793	ug/l	# 5

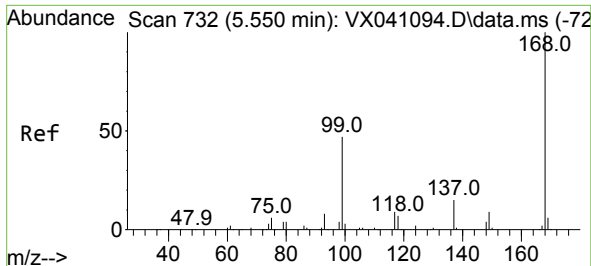
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041824\
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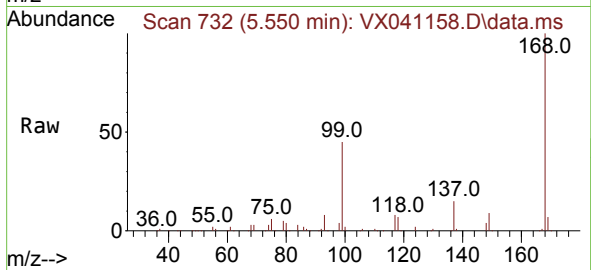
Quant Time: Apr 19 03:31:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 02:04:44 2024
Response via : Initial Calibration



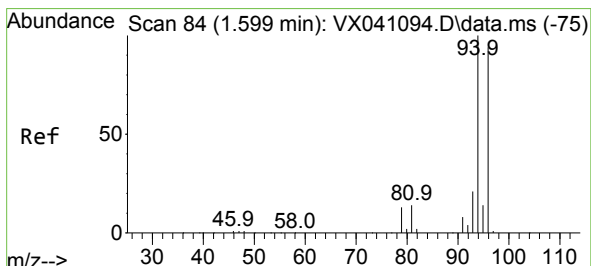
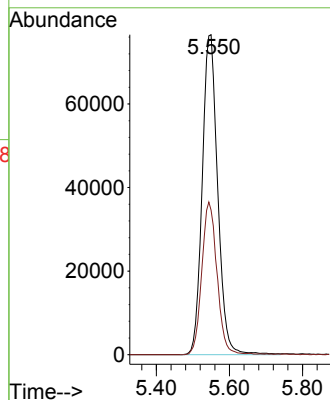
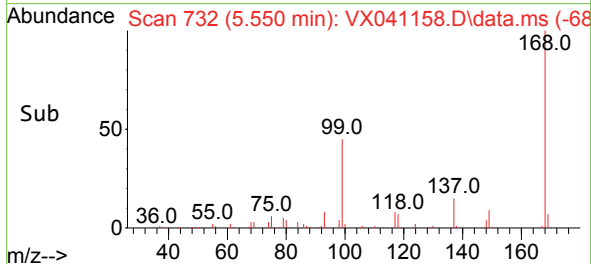


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041158.D
Acq: 18 Apr 2024 12:58

Instrument :
MSVOA_X
ClientSampleId :

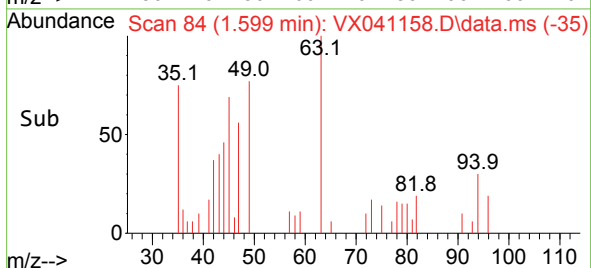
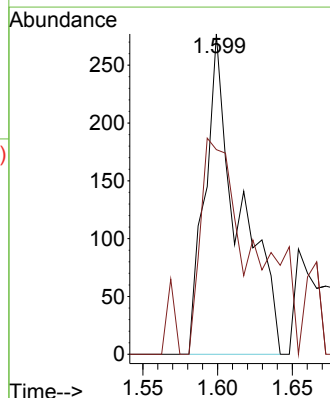
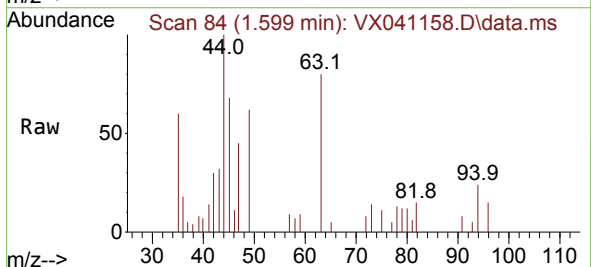


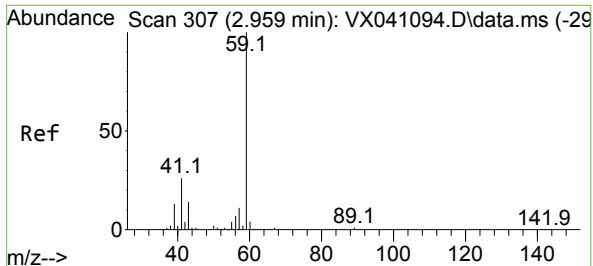
Tgt Ion:168 Resp: 225136
Ion Ratio Lower Upper
168 100
99 45.2 56.6 85.0#



#5
Bromomethane
Concen: 0.307 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041158.D
Acq: 18 Apr 2024 12:58

Tgt Ion: 94 Resp: 438
Ion Ratio Lower Upper
94 100
96 63.9 74.6 111.8#





#11

Tert butyl alcohol

Concen: 0.890 ug/l

RT: 2.940 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX041158.D

Acq: 18 Apr 2024 12:58

Instrument :

MSVOA_X

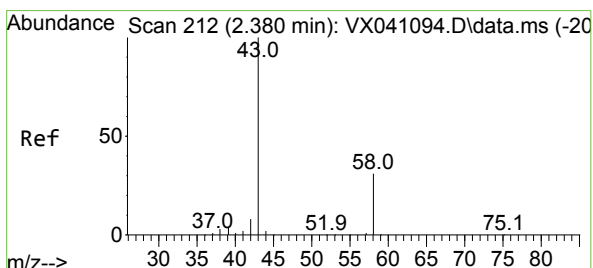
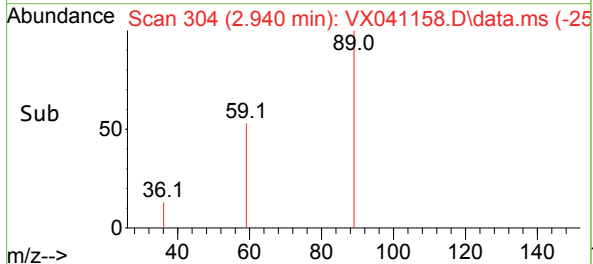
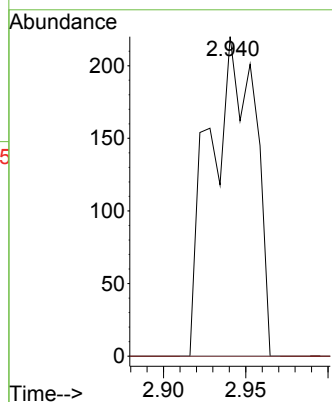
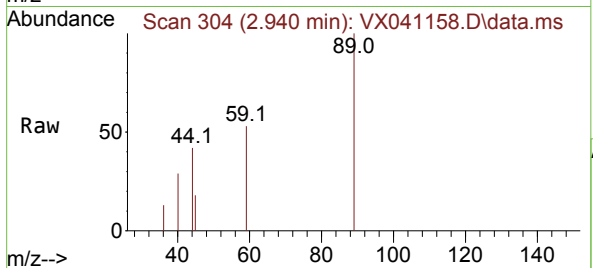
ClientSampleId :

Tgt Ion: 59 Resp: 423

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 0.290 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.024 min

Lab File: VX041158.D

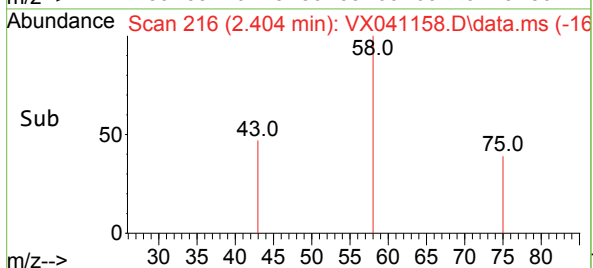
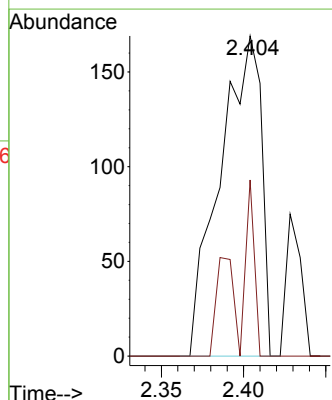
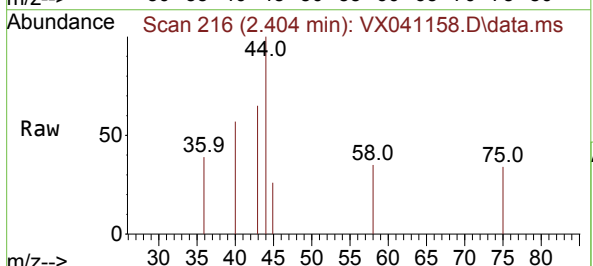
Acq: 18 Apr 2024 12:58

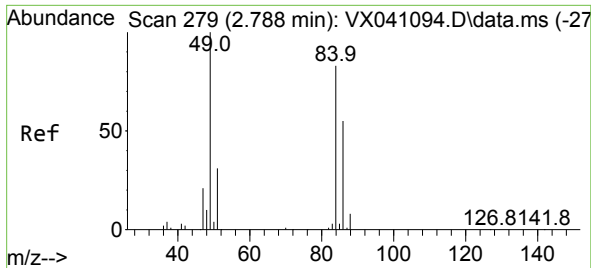
Tgt Ion: 43 Resp: 296

Ion Ratio Lower Upper

43 100

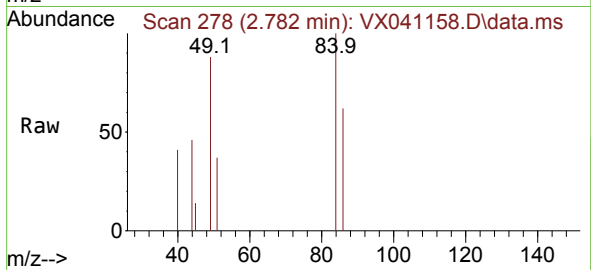
58 55.0 21.9 32.9#





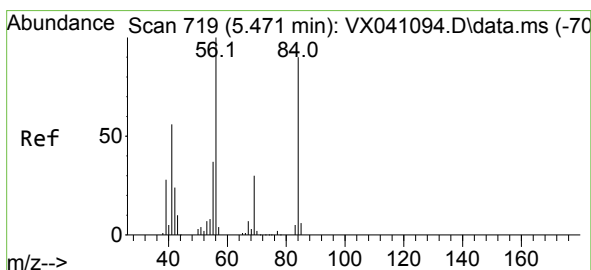
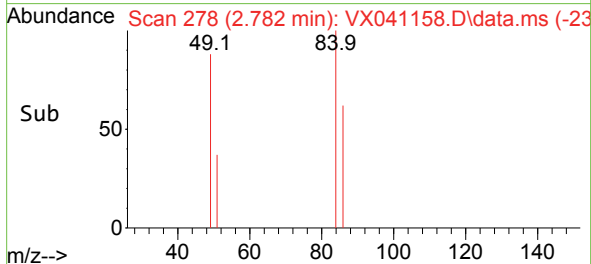
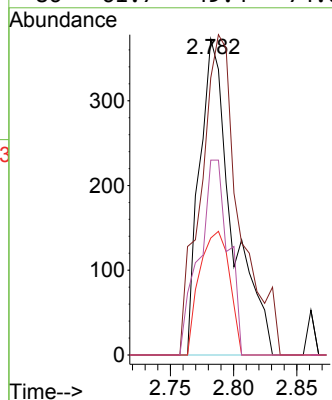
#20
Methylene Chloride
Concen: 0.305 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041158.D
Acq: 18 Apr 2024 12:58

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 665

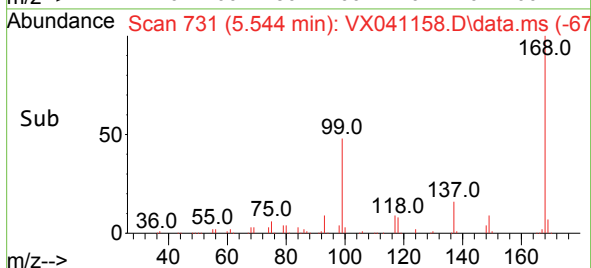
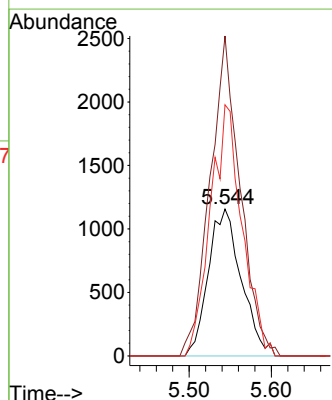
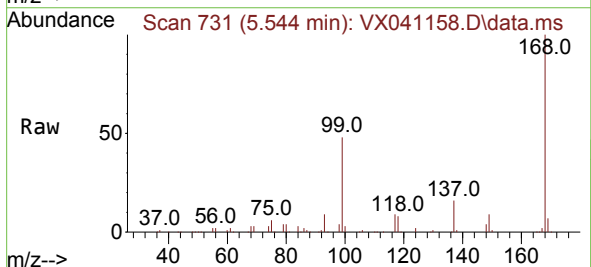
Ion	Ratio	Lower	Upper
84	100		
49	87.7	103.6	155.4#
51	37.0	33.8	50.6
86	61.7	49.4	74.0

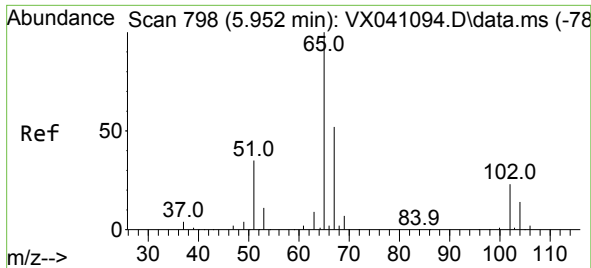


#31
Cyclohexane
Concen: 1.073 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX041158.D
Acq: 18 Apr 2024 12:58

Tgt Ion: 56 Resp: 3230

Ion	Ratio	Lower	Upper
56	100		
69	217.8	23.4	35.2#
84	171.0	65.9	98.9#

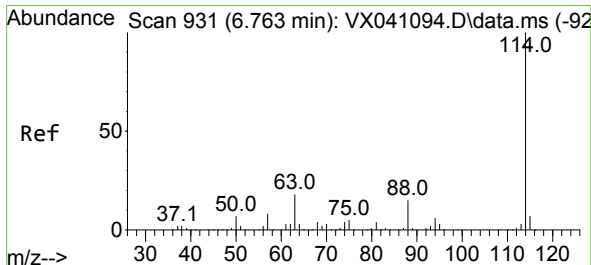
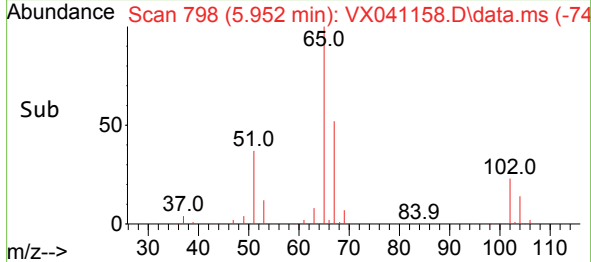
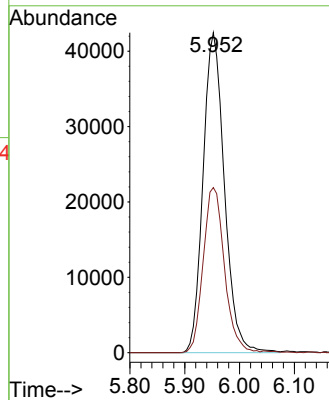
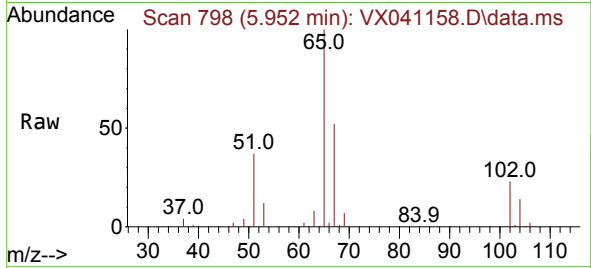




#33
1,2-Dichloroethane-d4
Concen: 47.215 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041158.D
Acq: 18 Apr 2024 12:58

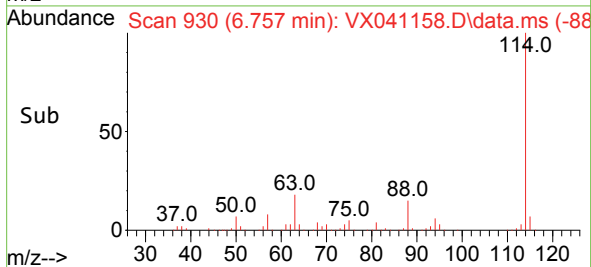
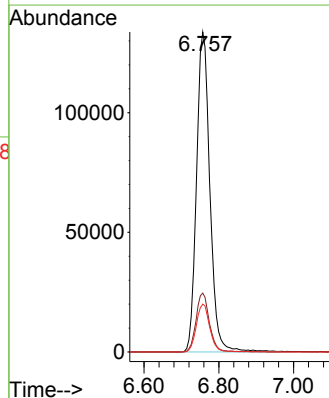
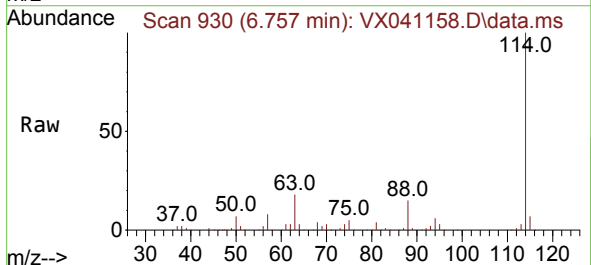
Instrument :
MSVOA_X
ClientSampleId :

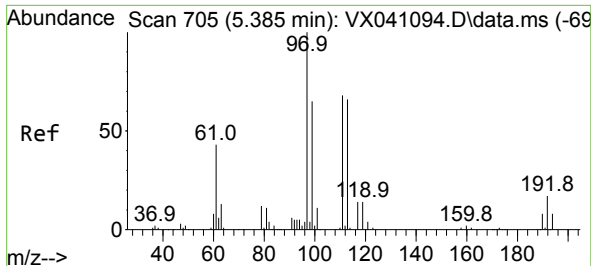
Tgt Ion: 65 Resp: 114764
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX041158.D
Acq: 18 Apr 2024 12:58

Tgt Ion: 114 Resp: 331826
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 15.0 0.0 36.6

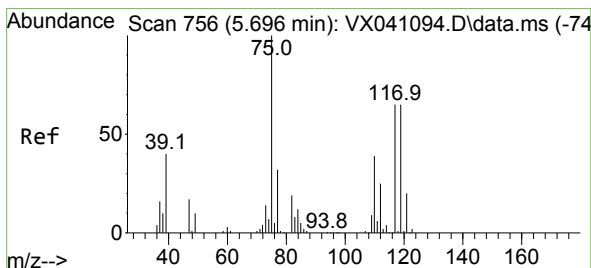
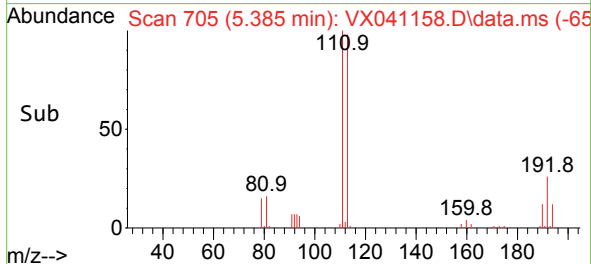
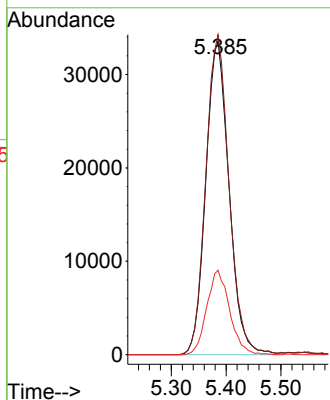
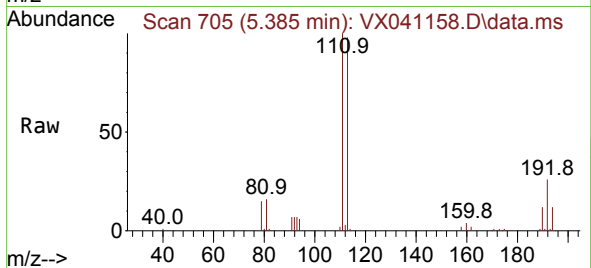




#35
Dibromofluoromethane
Concen: 44.508 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041158.D
Acq: 18 Apr 2024 12:58

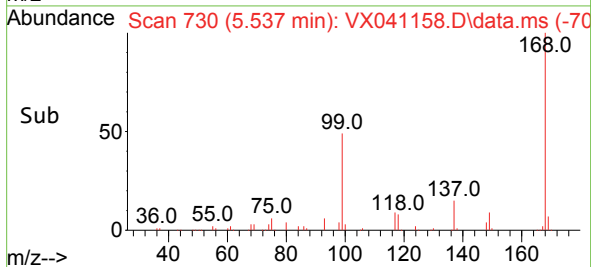
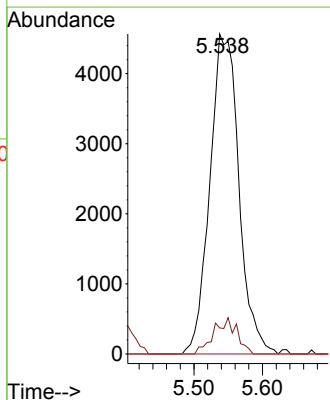
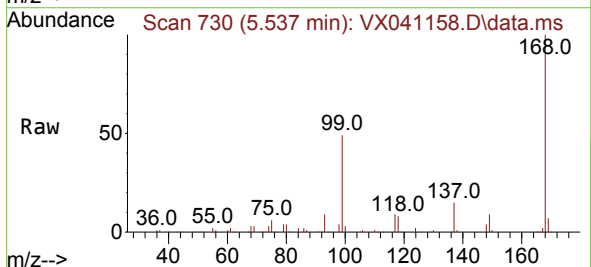
Instrument :
MSVOA_X
ClientSampleId :

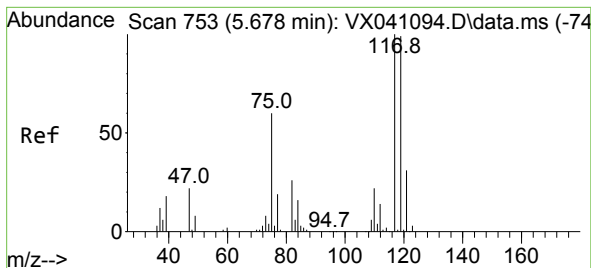
Tgt Ion:113 Resp: 98658
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 26.6 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.778 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.159 min
Lab File: VX041158.D
Acq: 18 Apr 2024 12:58

Tgt Ion: 75 Resp: 13408
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.796 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.134 min

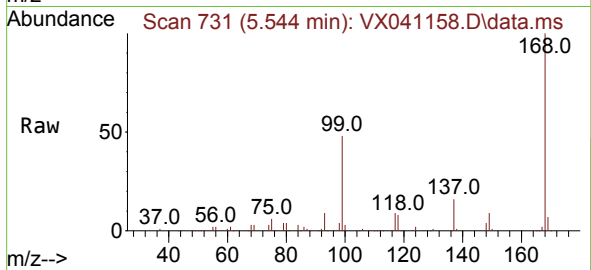
Lab File: VX041158.D

Acq: 18 Apr 2024 12:58

Instrument :

MSVOA_X

ClientSampleId :



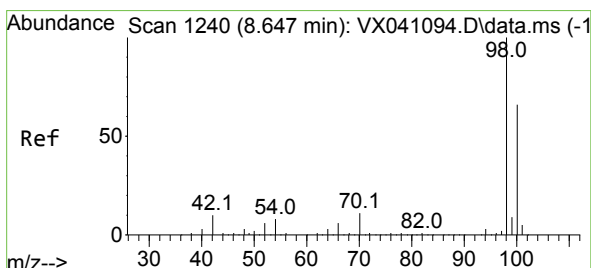
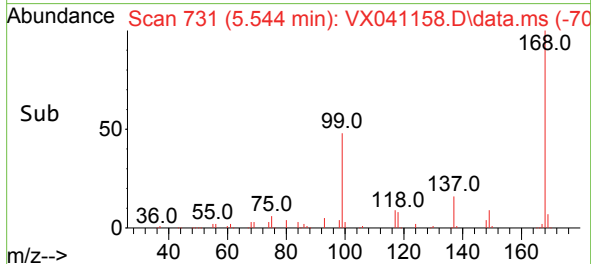
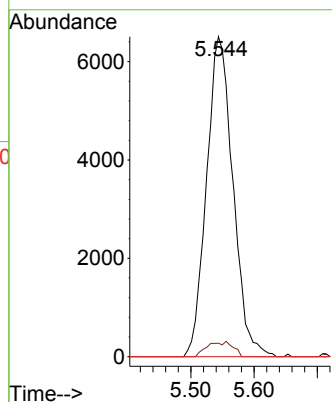
Tgt Ion:117 Resp: 18861

Ion Ratio Lower Upper

117 100

119 4.2 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 49.177 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX041158.D

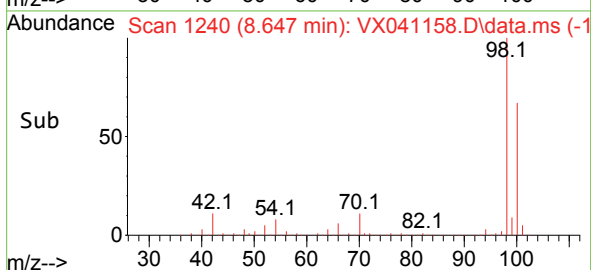
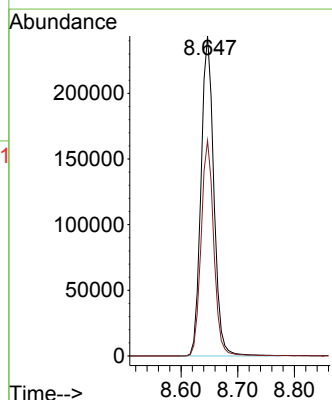
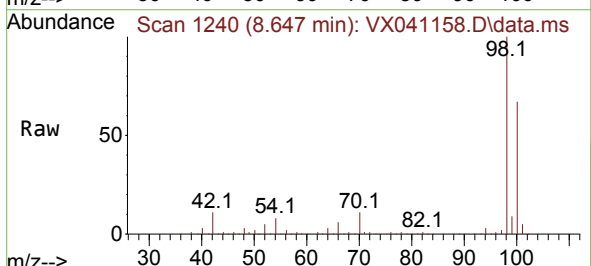
Acq: 18 Apr 2024 12:58

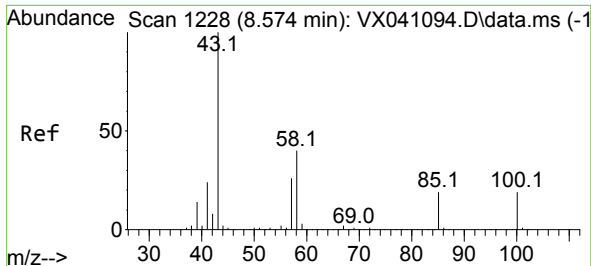
Tgt Ion: 98 Resp: 381825

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7

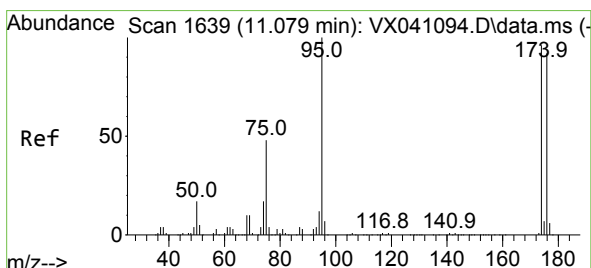
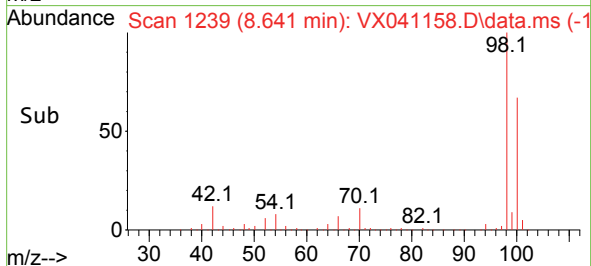
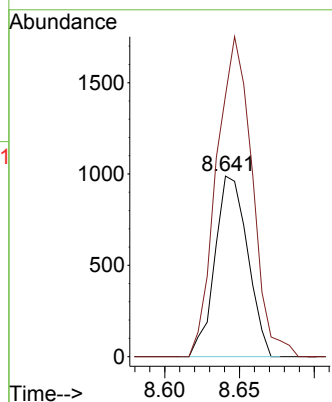
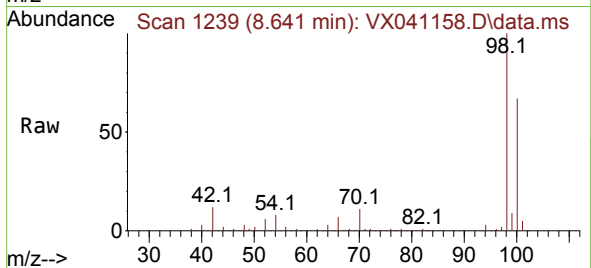




#51
4-Methyl-2-Pentanone
Concen: 0.445 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX041158.D
Acq: 18 Apr 2024 12:58

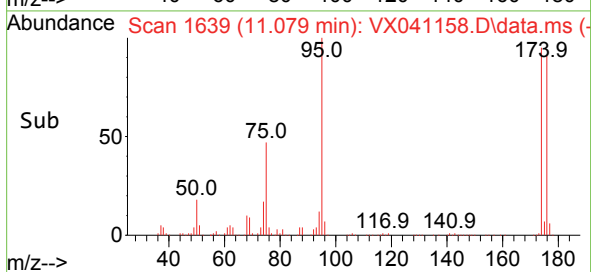
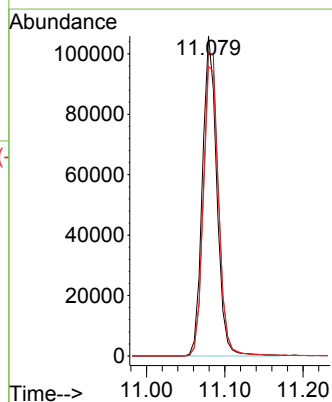
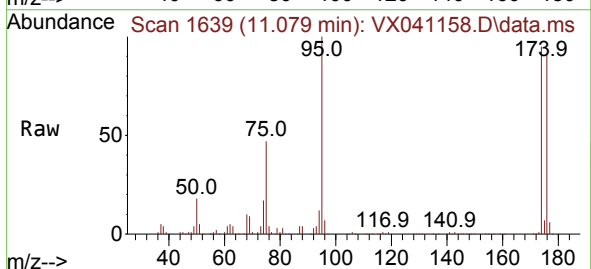
Instrument :
MSVOA_X
ClientSampleId :

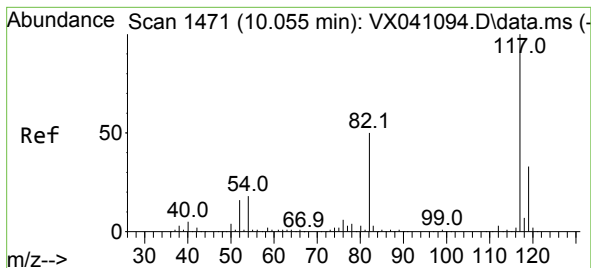
Tgt Ion: 43 Resp: 1506
Ion Ratio Lower Upper
43 100
58 192.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.870 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041158.D
Acq: 18 Apr 2024 12:58

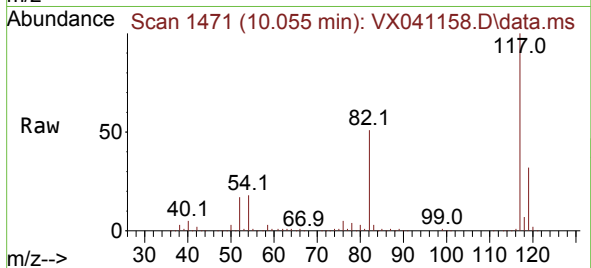
Tgt Ion: 95 Resp: 135197
Ion Ratio Lower Upper
95 100
174 100.1 0.0 135.6
176 95.7 0.0 131.0



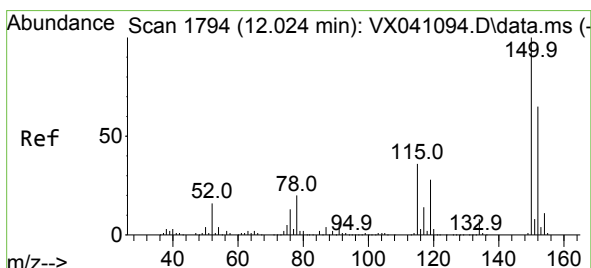
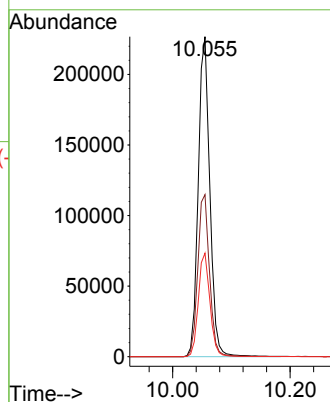
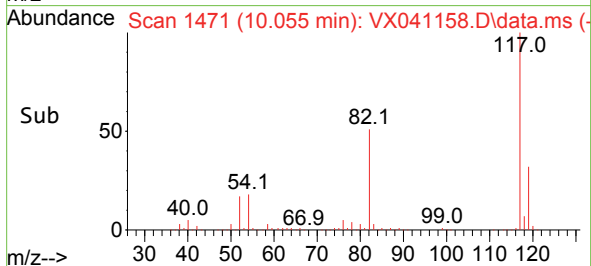


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041158.D
Acq: 18 Apr 2024 12:58

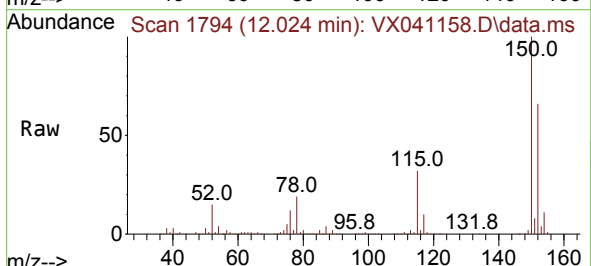
Instrument :
MSVOA_X
ClientSampleId :



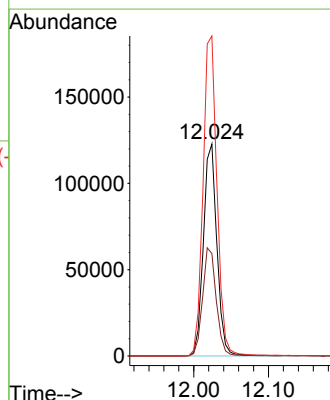
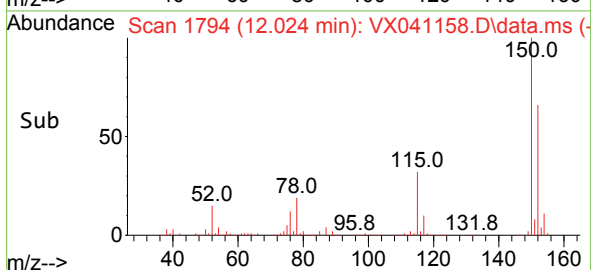
Tgt Ion:117 Resp: 309353
Ion Ratio Lower Upper
117 100
82 50.6 46.2 69.4
119 32.4 25.5 38.3

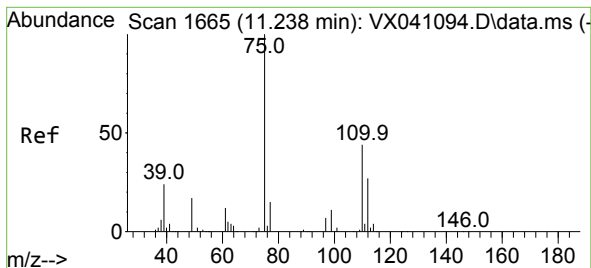


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041158.D
Acq: 18 Apr 2024 12:58



Tgt Ion:152 Resp: 154324
Ion Ratio Lower Upper
152 100
115 51.8 43.3 129.9
150 156.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.367 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041158.D

Acq: 18 Apr 2024 12:58

Instrument :

MSVOA_X

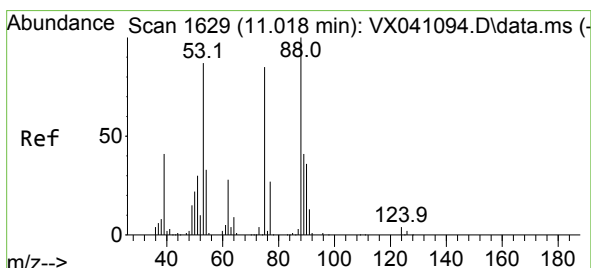
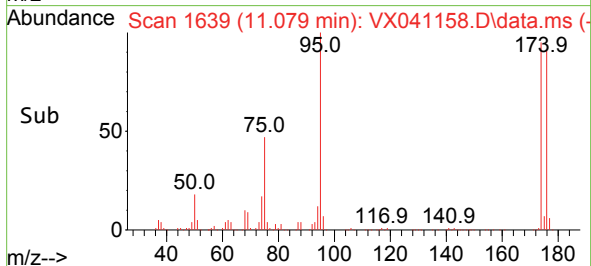
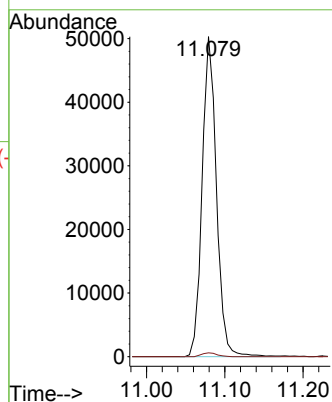
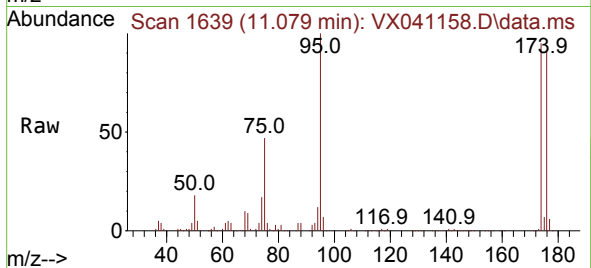
ClientSampleId :

Tgt Ion: 75 Resp: 63796

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.793 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041158.D

Acq: 18 Apr 2024 12:58

Tgt Ion: 75 Resp: 63796

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

