

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011724\
 Data File : VX039795.D
 Acq On : 17 Jan 2024 12:30
 Operator : JC/MD
 Sample : P1156-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 18 02:41:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

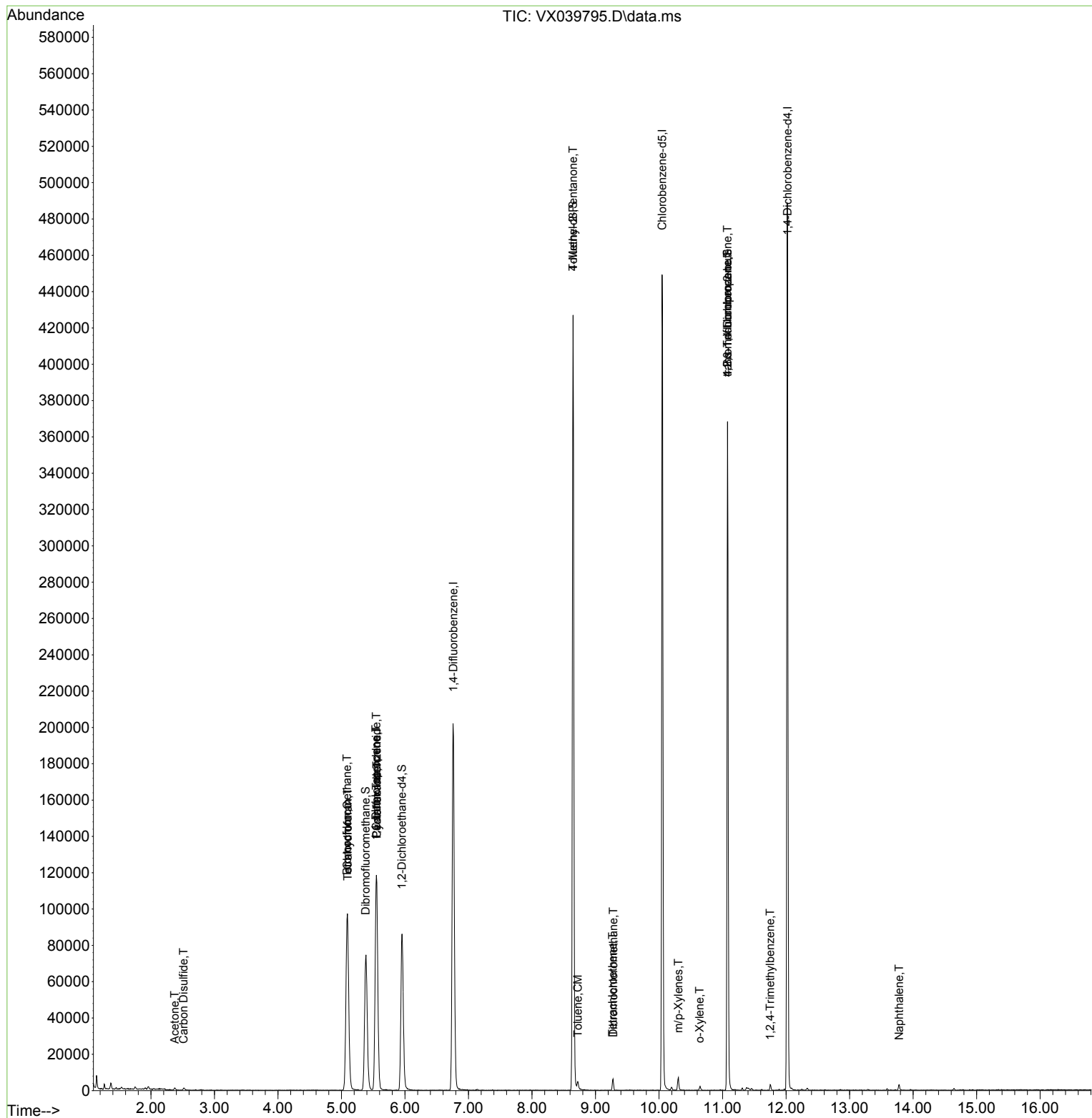
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	107665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199126	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	193295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82881	45.954	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.900%
35) Dibromofluoromethane	5.379	113	64749	48.277	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.560%
50) Toluene-d8	8.647	98	245266	48.487	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.980%
62) 4-Bromofluorobenzene	11.079	95	98038	49.562	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.120%
Target Compounds						
					Qvalue	
13) Acrolein	1.959	56	26	Below Cal	#	1
16) Acetone	2.373	43	1156	1.140	ug/l #	74
17) Carbon Disulfide	2.514	76	771	0.207	ug/l #	76
28) Bromochloromethane	5.086	49	10270	8.462	ug/l #	16
29) Tetrahydrofuran	5.099	42	296	0.316	ug/l #	1
30) Chloroform	5.092	83	115458	43.680	ug/l	97
31) Cyclohexane	5.556	56	3096	1.301	ug/l #	30
36) 1,1-Dichloropropene	5.544	75	9516	4.558	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11625	6.080	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1283	0.456	ug/l #	1
52) Toluene	8.720	92	1440	0.408	ug/l	81
60) Dibromochloromethane	9.281	129	919	0.648	ug/l #	11
64) Tetrachloroethene	9.268	164	727	0.578	ug/l	93
68) m/p-Xylenes	10.305	106	1797	0.654	ug/l	93
69) o-Xylene	10.640	106	585	0.215	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	53671	21.911	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	53671	63.615	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.750	105	1656	0.260	ug/l	97
95) Naphthalene	13.780	128	2315	0.324	ug/l	95

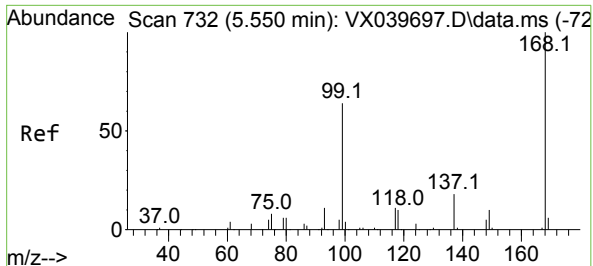
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

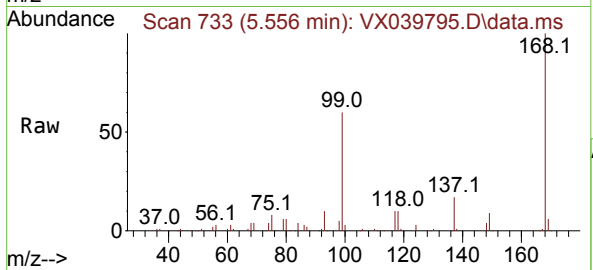
Quant Time: Jan 18 02:41:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



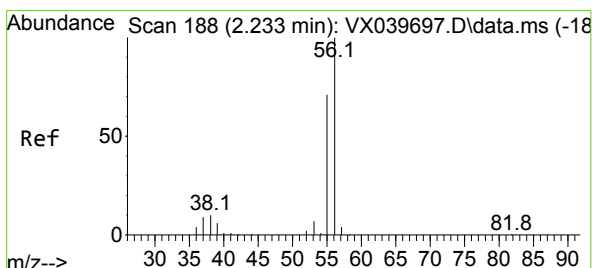
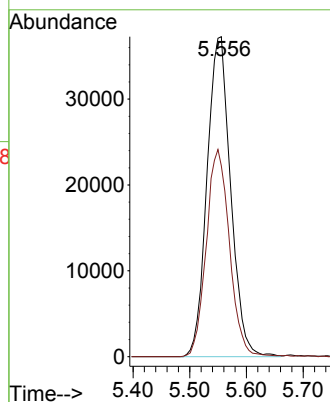
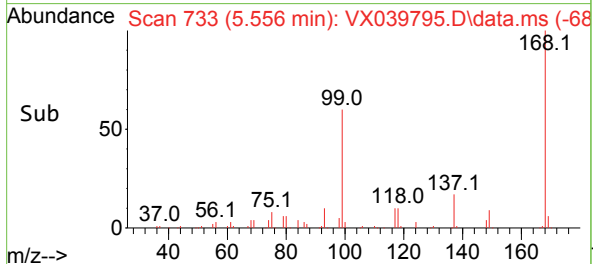


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :

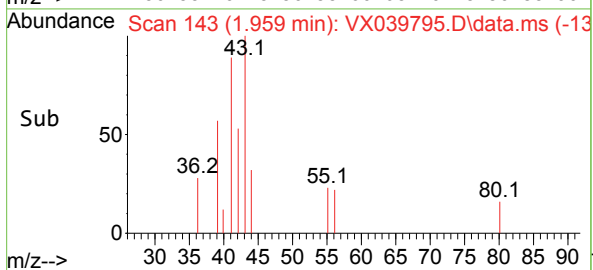
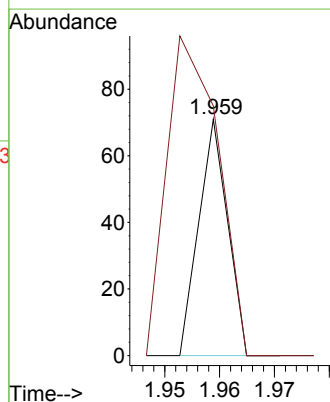
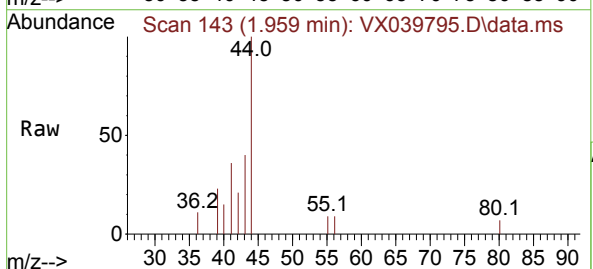


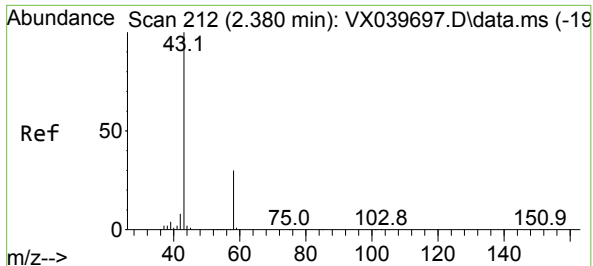
Tgt Ion:168 Resp: 107665
Ion Ratio Lower Upper
168 100
99 59.7 56.6 85.0



#13
Acrolein
Concen: Below Cal
RT: 1.959 min Scan# 143
Delta R.T. -0.274 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 242.3 57.1 85.7#

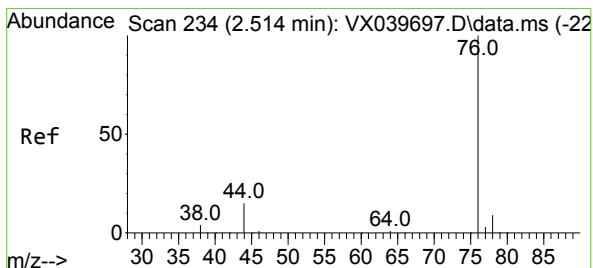
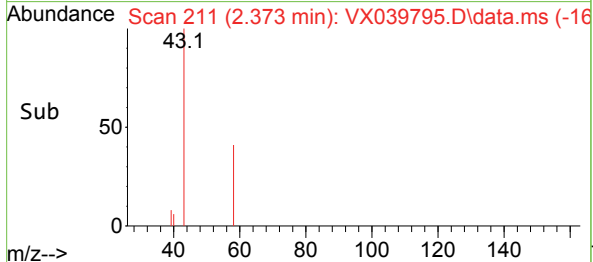
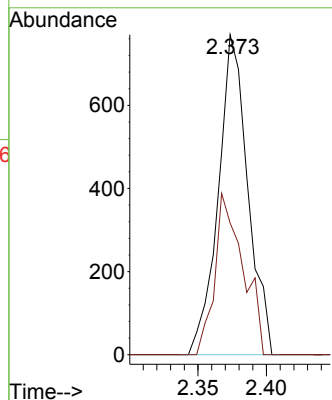
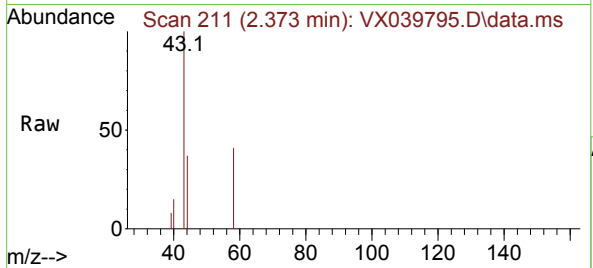




#16
Acetone
Concen: 1.140 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

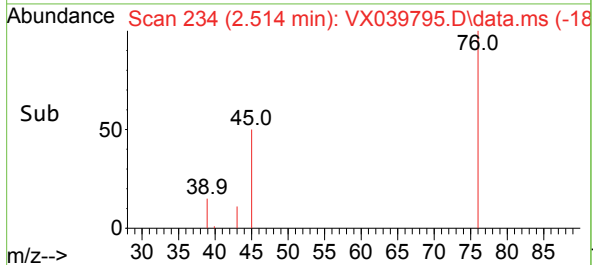
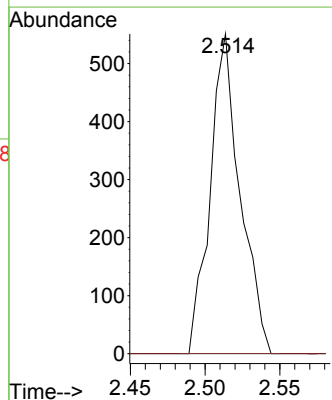
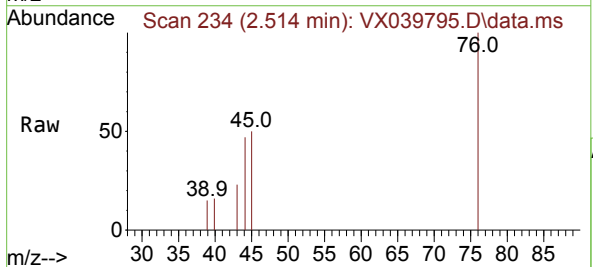
Instrument :
MSVOA_X
ClientSampleId :

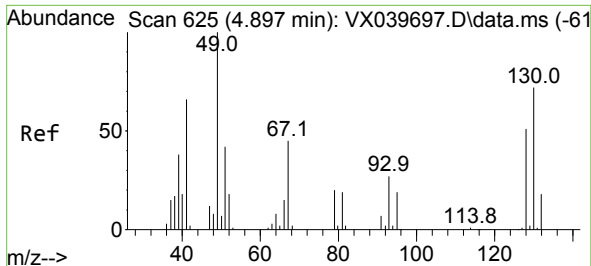
Tgt Ion: 43 Resp: 1156
Ion Ratio Lower Upper
43 100
58 41.2 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.207 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

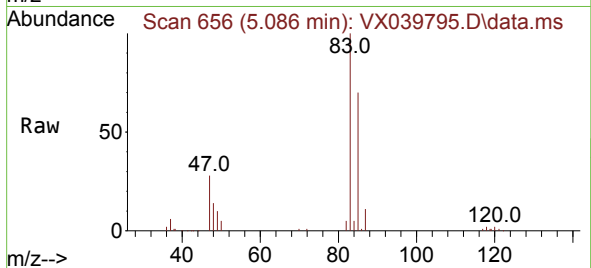
Tgt Ion: 76 Resp: 771
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



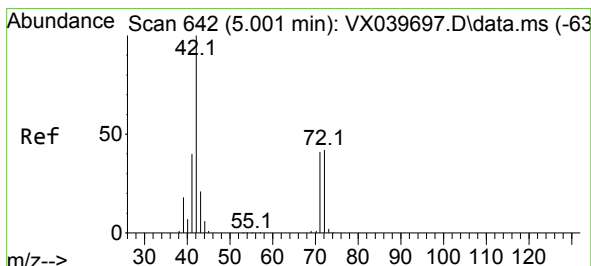
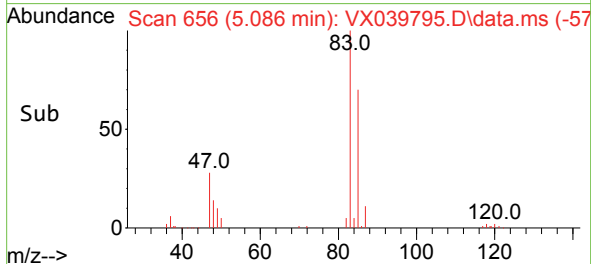
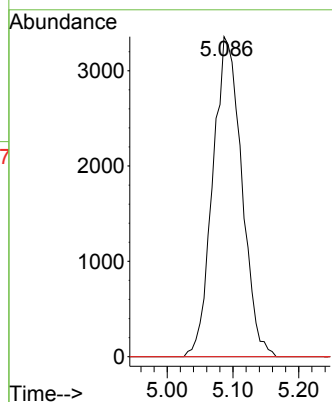


#28
Bromochloromethane
Concen: 8.462 ug/l
RT: 5.086 min Scan# 61
Delta R.T. 0.189 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :

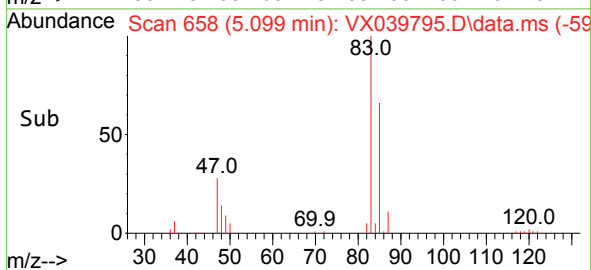
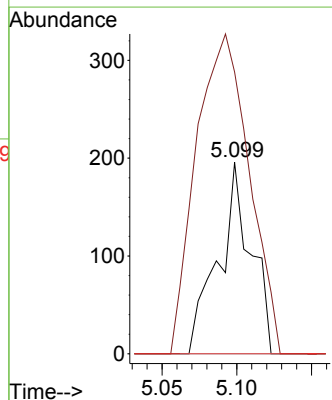
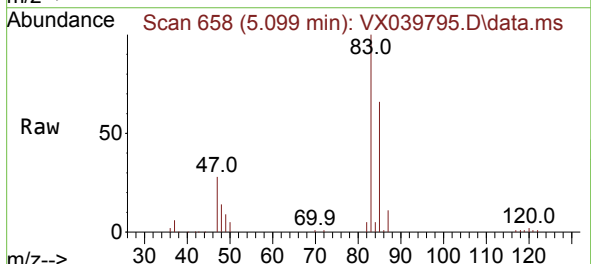


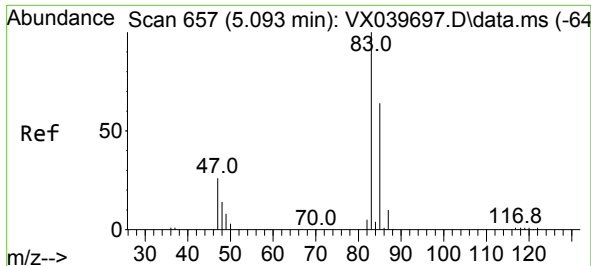
Tgt Ion: 49 Resp: 10270
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#29
Tetrahydrofuran
Concen: 0.316 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.097 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

Tgt Ion: 42 Resp: 296
Ion Ratio Lower Upper
42 100
72 272.3 34.2 51.4#
71 0.0 32.2 48.2#





#30

Chloroform

Concen: 43.680 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX039795.D

Acq: 17 Jan 2024 12:30

Instrument :

MSVOA_X

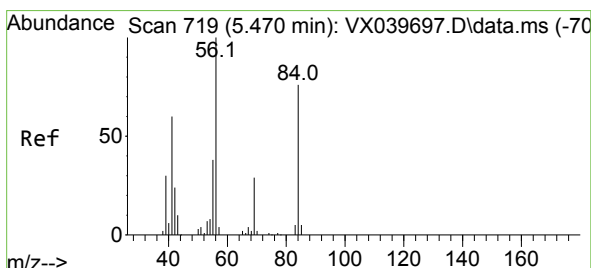
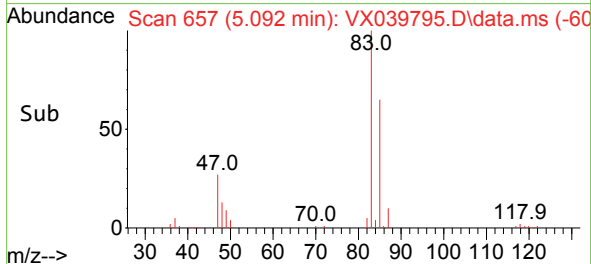
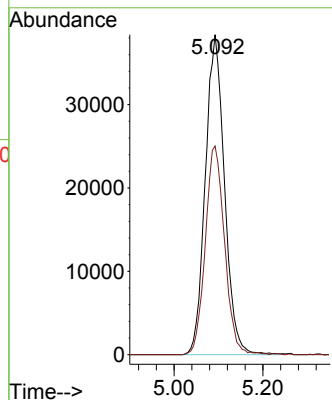
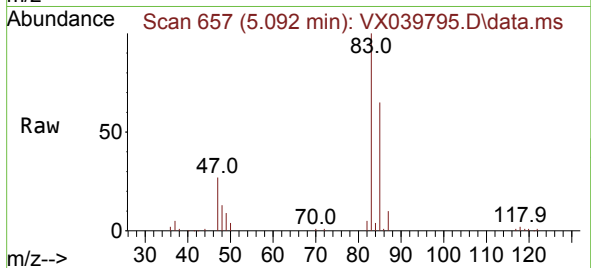
ClientSampleId :

Tgt Ion: 83 Resp: 115458

Ion Ratio Lower Upper

83 100

85 65.2 50.3 75.5



#31

Cyclohexane

Concen: 1.301 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX039795.D

Acq: 17 Jan 2024 12:30

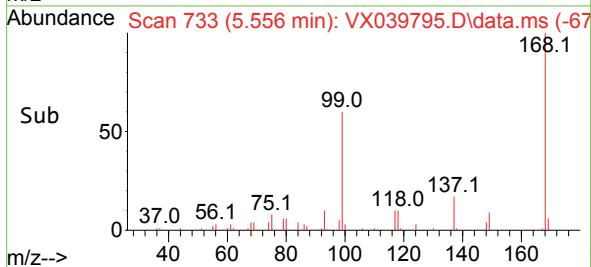
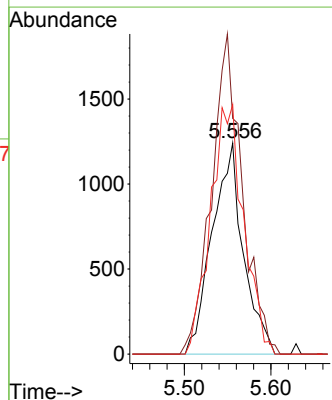
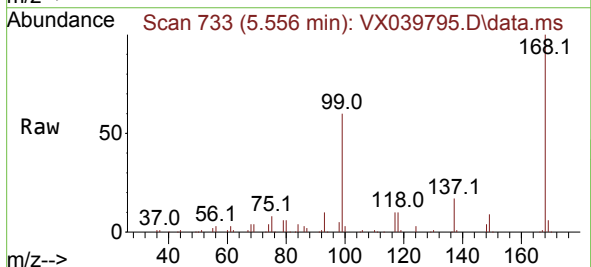
Tgt Ion: 56 Resp: 3096

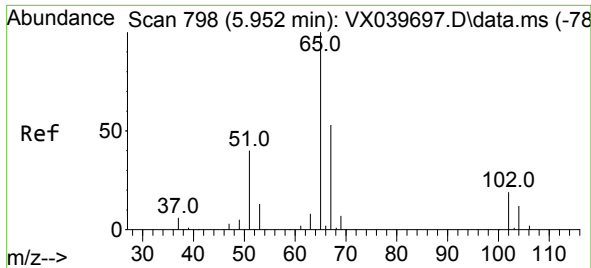
Ion Ratio Lower Upper

56 100

69 111.7 23.4 35.2#

84 118.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.954 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039795.D

Acq: 17 Jan 2024 12:30

Instrument :

MSVOA_X

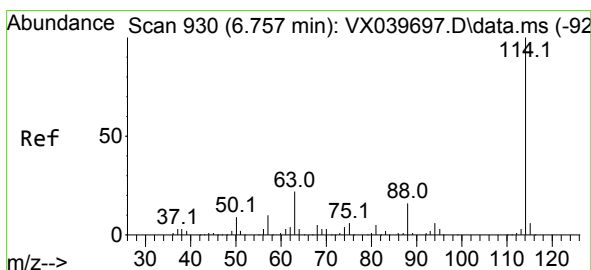
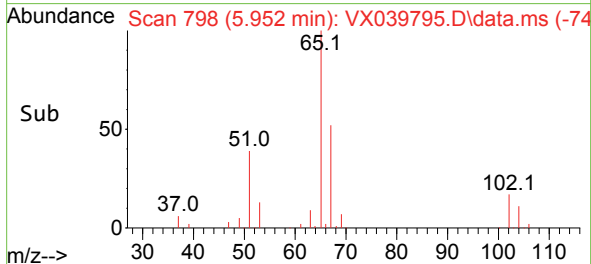
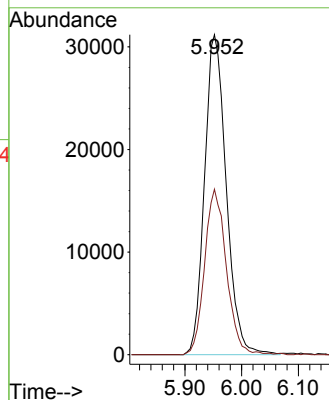
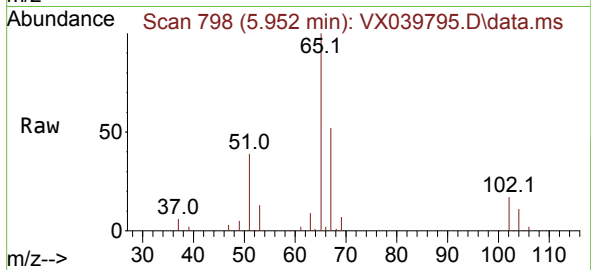
ClientSampleId :

Tgt Ion: 65 Resp: 82881

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039795.D

Acq: 17 Jan 2024 12:30

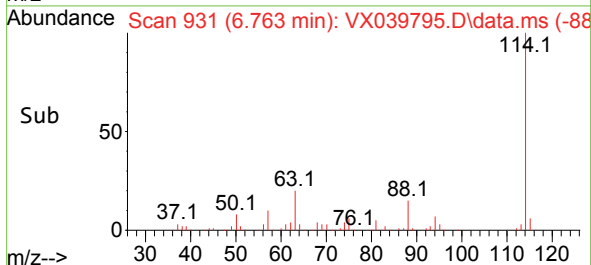
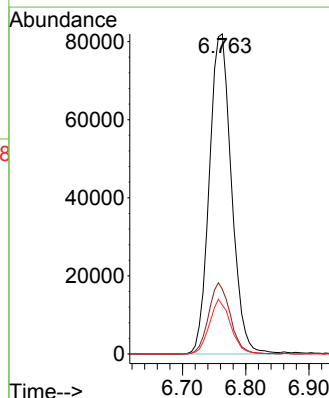
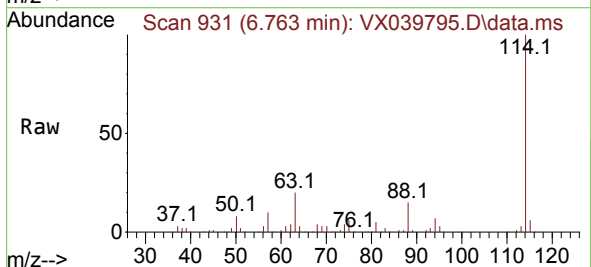
Tgt Ion:114 Resp: 199126

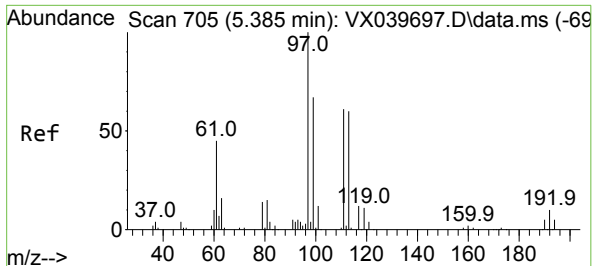
Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

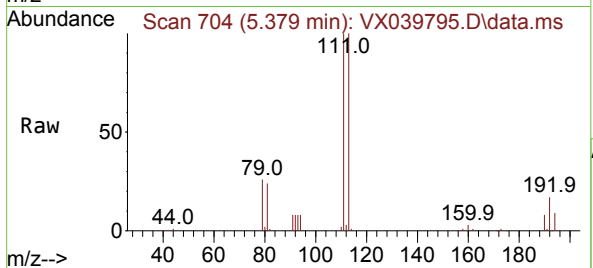
88 15.3 0.0 36.6



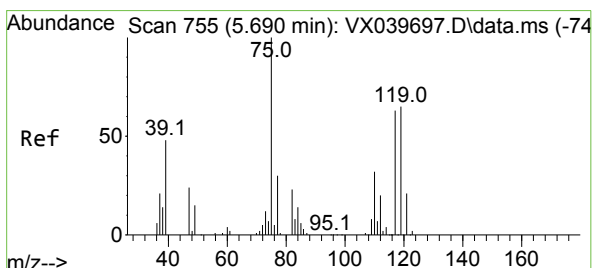
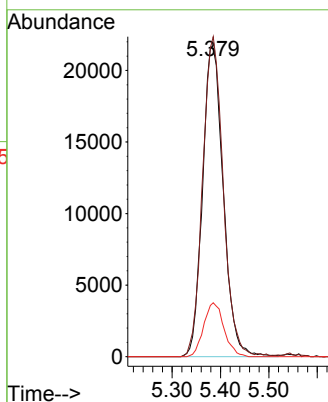
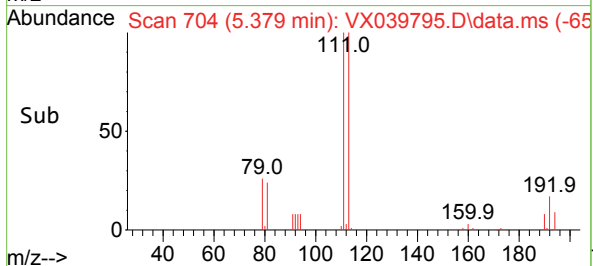


#35
Dibromofluoromethane
Concen: 48.277 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :

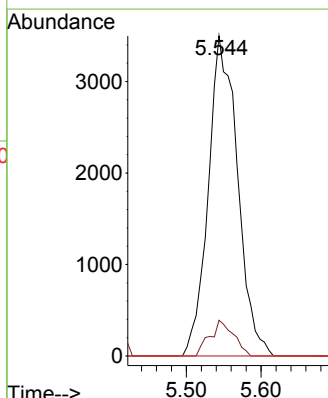
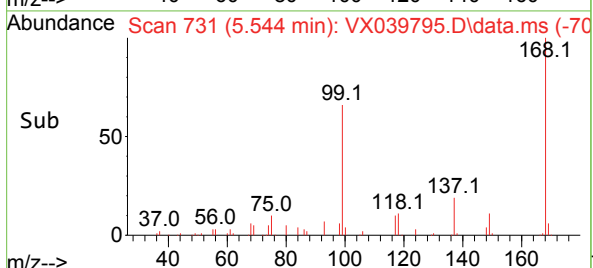
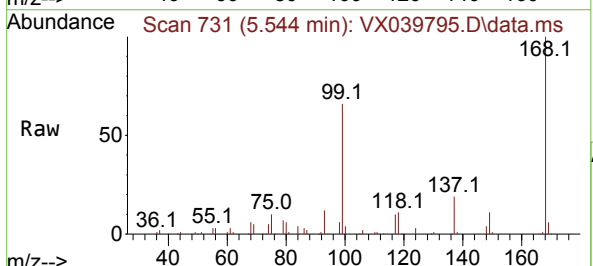


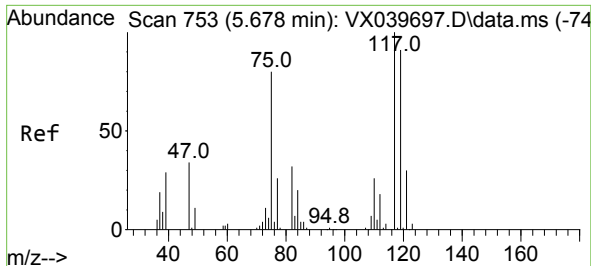
Tgt Ion:113 Resp: 64749
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 17.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.558 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

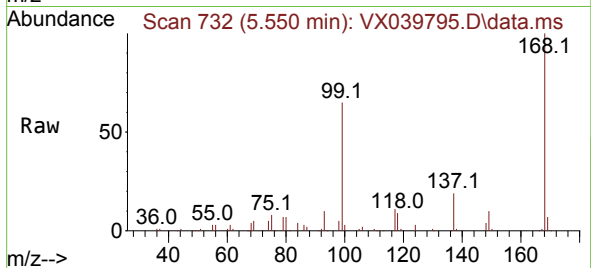
Tgt Ion: 75 Resp: 9516
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



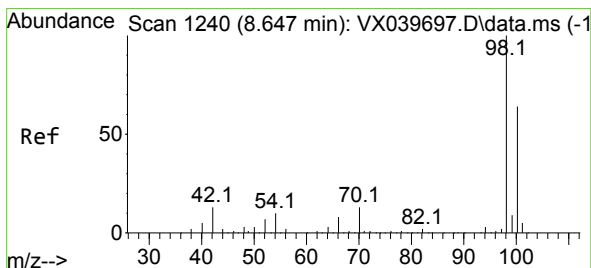
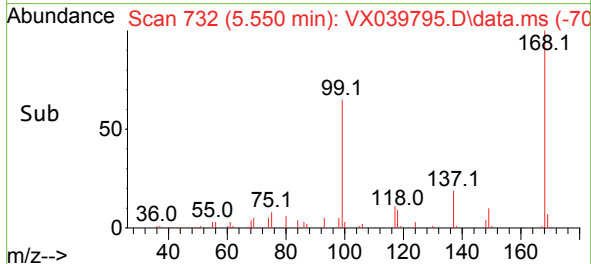
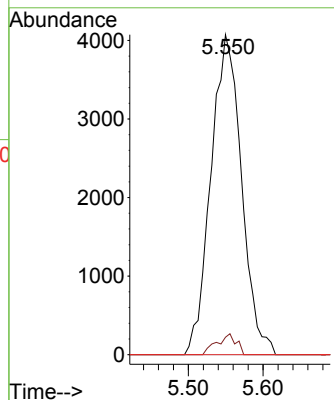


#38
Carbon Tetrachloride
Concen: 6.080 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :

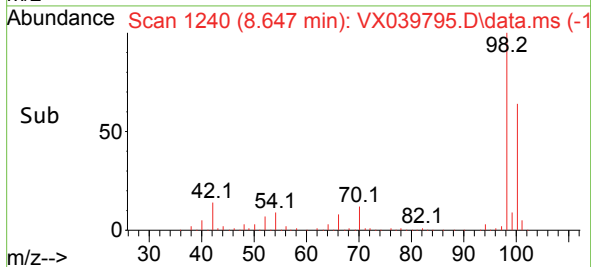
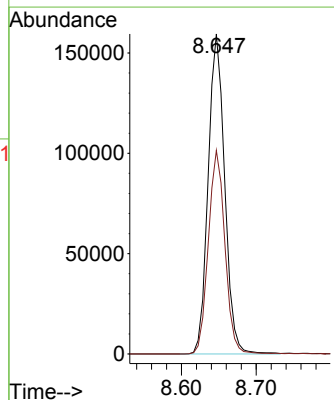
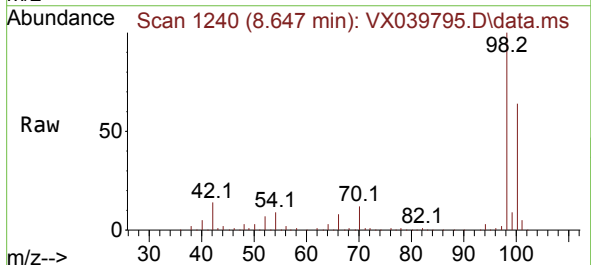


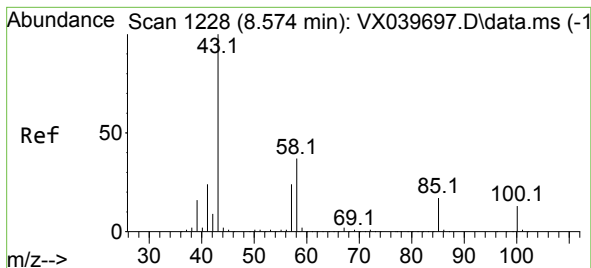
Tgt Ion:117 Resp: 11625
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.487 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

Tgt Ion: 98 Resp: 245266
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.456 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX039795.D

Acq: 17 Jan 2024 12:30

Instrument :

MSVOA_X

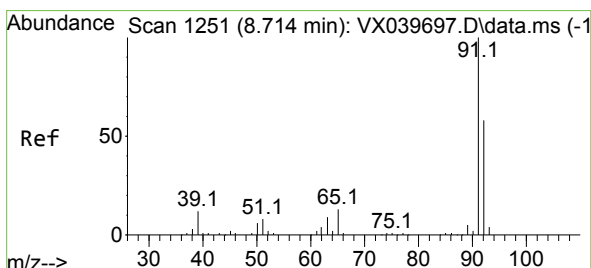
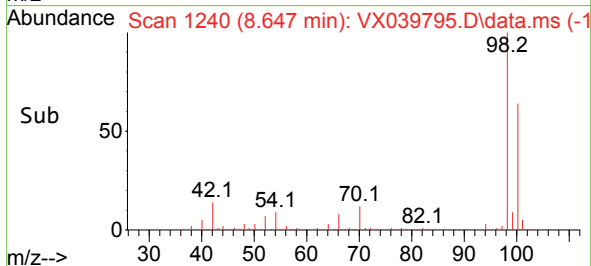
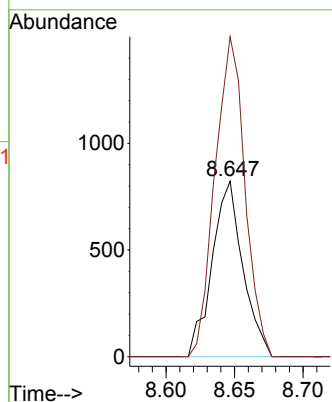
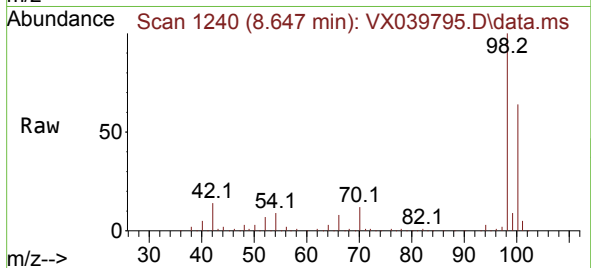
ClientSampleId :

Tgt Ion: 43 Resp: 1283

Ion Ratio Lower Upper

43 100

58 177.5 30.4 45.6#



#52

Toluene

Concen: 0.408 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX039795.D

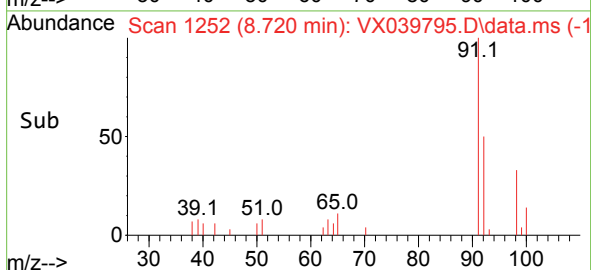
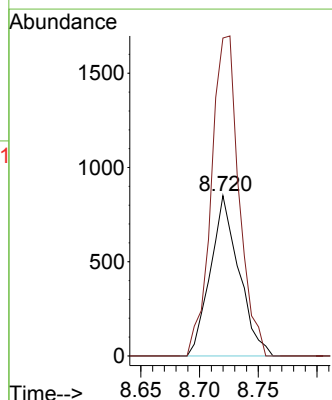
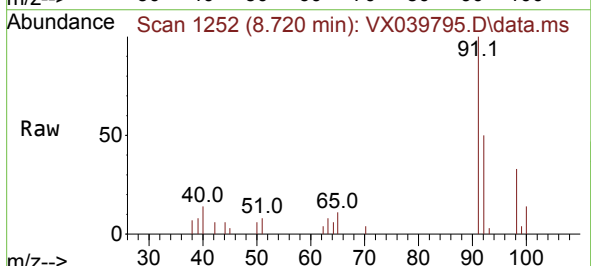
Acq: 17 Jan 2024 12:30

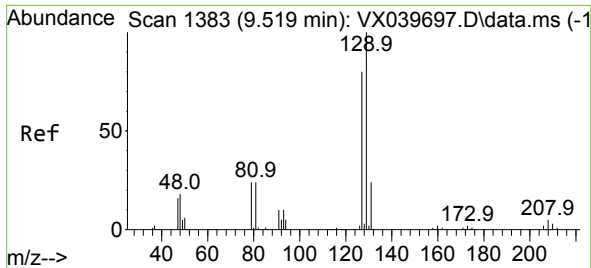
Tgt Ion: 92 Resp: 1440

Ion Ratio Lower Upper

92 100

91 194.0 134.2 201.2

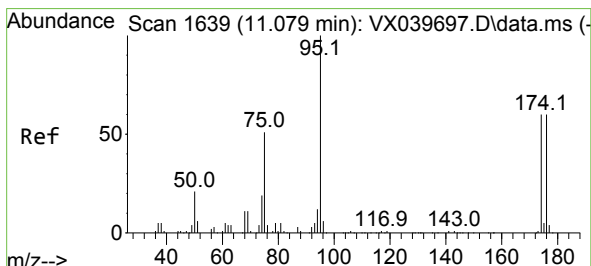
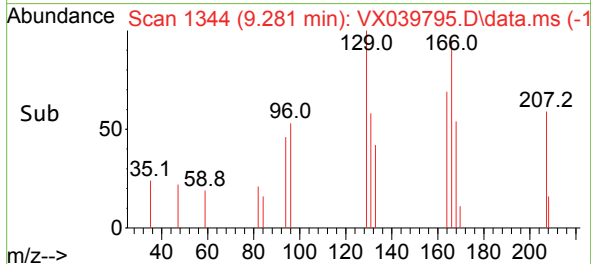
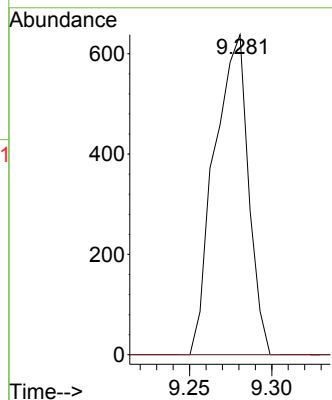
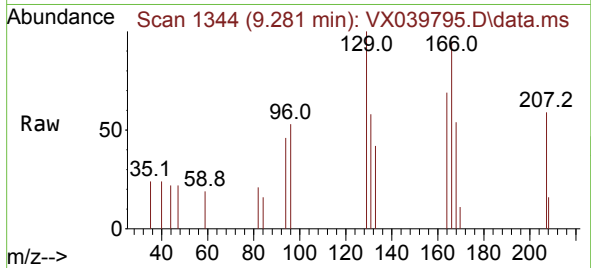




#60
Dibromochloromethane
Concen: 0.648 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.238 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

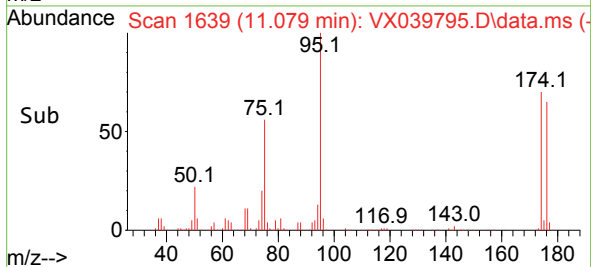
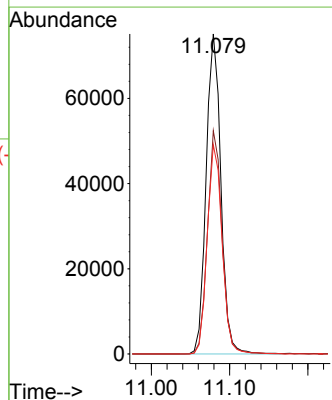
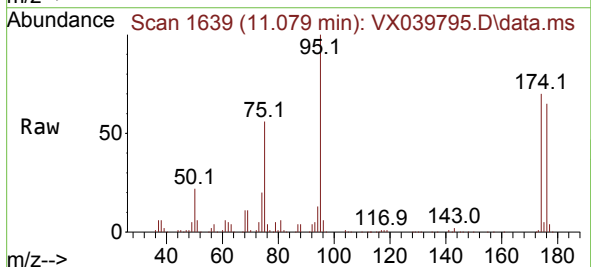
Instrument :
MSVOA_X
ClientSampleId :

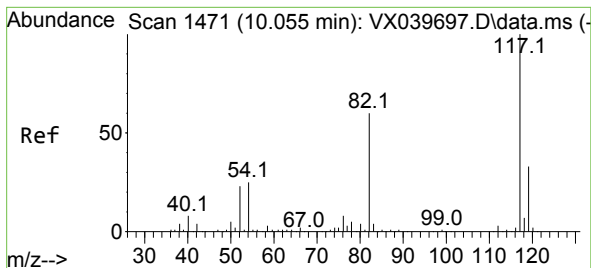
Tgt Ion:129 Resp: 919
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 49.562 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

Tgt Ion: 95 Resp: 98038
Ion Ratio Lower Upper
95 100
174 68.8 0.0 135.6
176 66.0 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX039795.D

Acq: 17 Jan 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

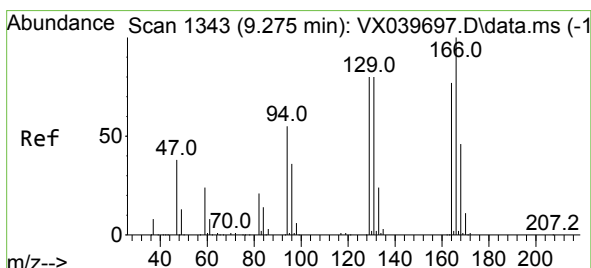
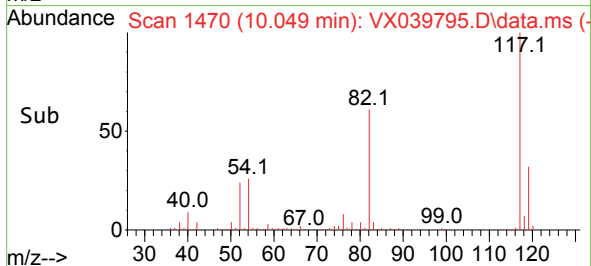
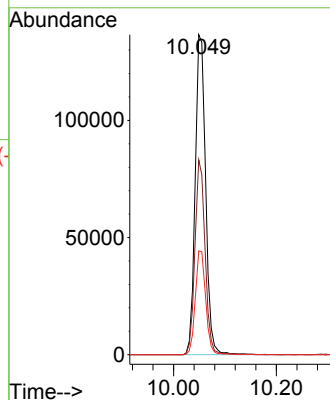
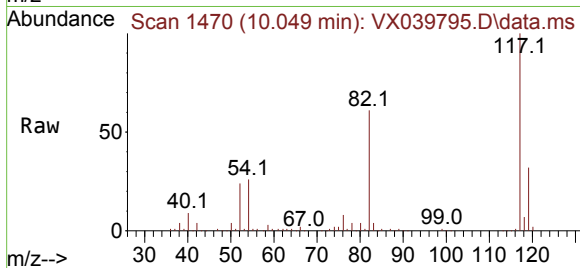
Tgt Ion:117 Resp: 193295

Ion Ratio Lower Upper

117 100

82 60.9 46.2 69.4

119 32.4 25.5 38.3



#64

Tetrachloroethene

Concen: 0.578 ug/l

RT: 9.268 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX039795.D

Acq: 17 Jan 2024 12:30

Tgt Ion:164 Resp: 727

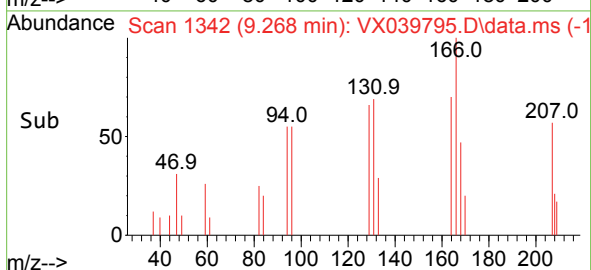
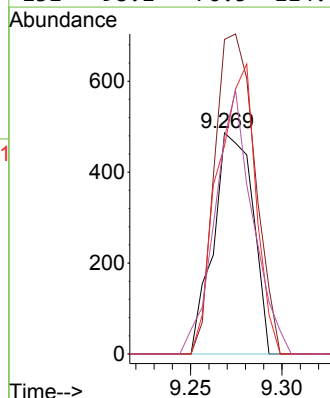
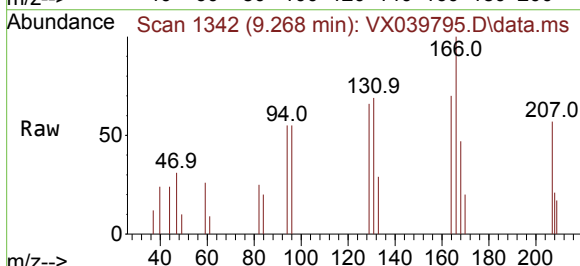
Ion Ratio Lower Upper

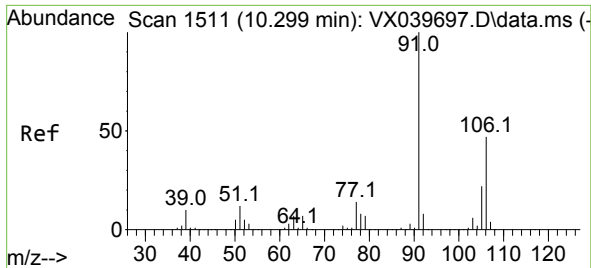
164 100

166 142.4 102.7 154.1

129 94.2 80.4 120.6

131 98.1 76.5 114.7

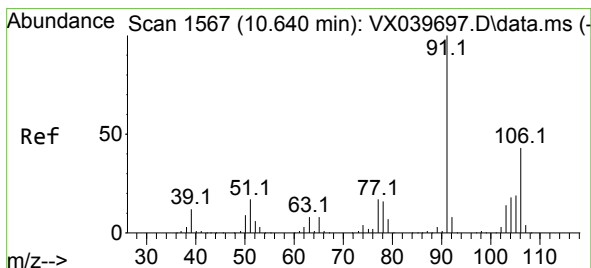
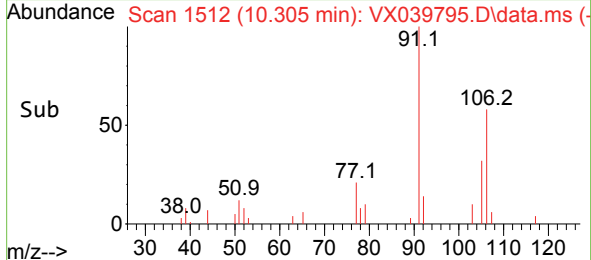
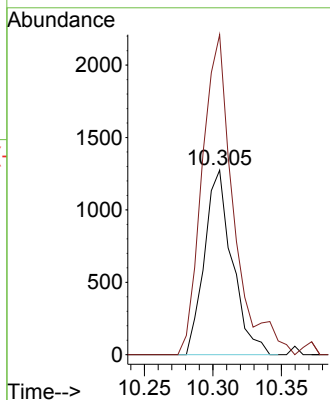
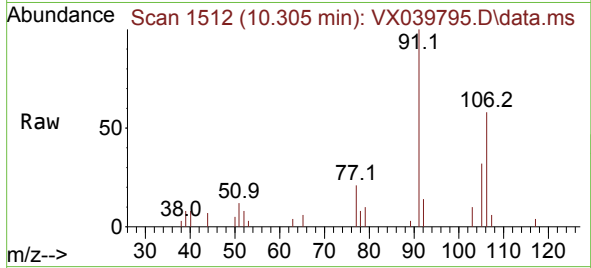




#68
m/p-Xylenes
Concen: 0.654 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

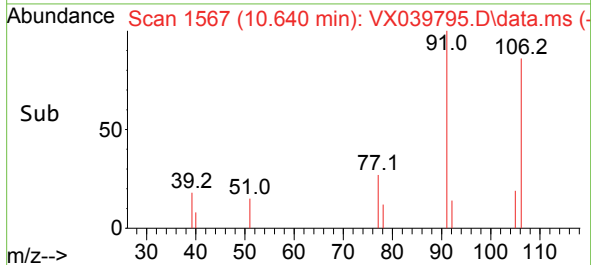
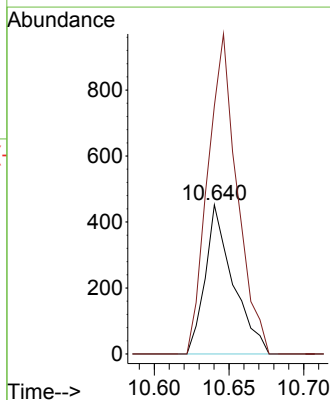
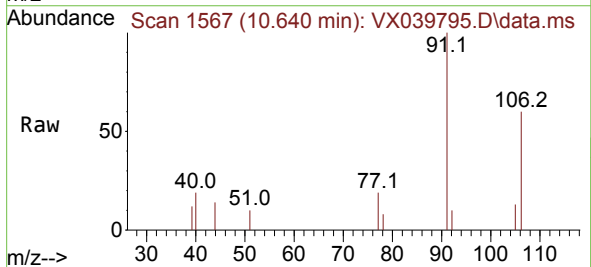
Instrument :
MSVOA_X
ClientSampleId :

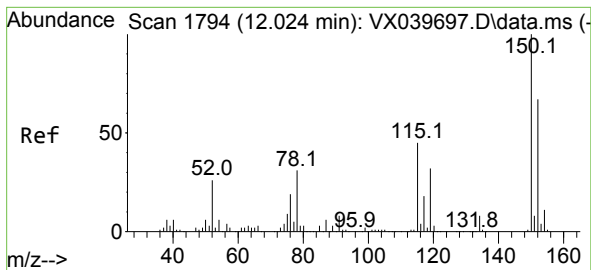
Tgt Ion:106 Resp: 1797
Ion Ratio Lower Upper
106 100
91 196.2 165.5 248.3



#69
o-Xylene
Concen: 0.215 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

Tgt Ion:106 Resp: 585
Ion Ratio Lower Upper
106 100
91 226.3 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039795.D

Acq: 17 Jan 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

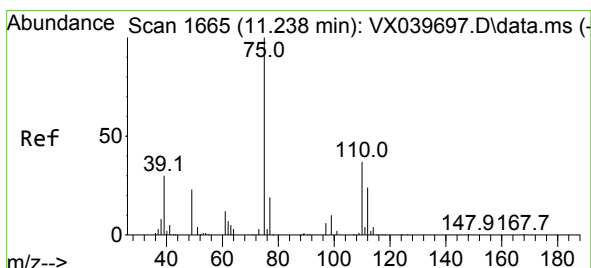
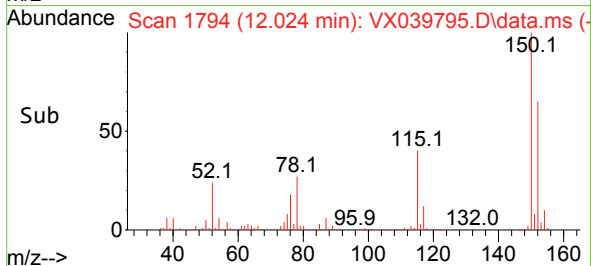
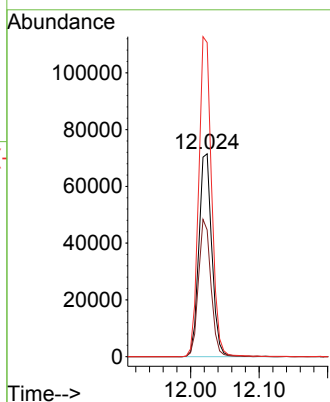
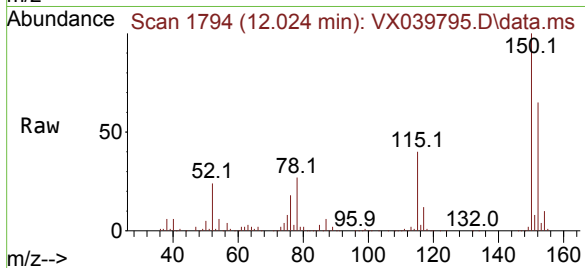
Tgt Ion:152 Resp: 94482

Ion Ratio Lower Upper

152 100

115 64.8 43.3 129.9

150 156.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.911 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039795.D

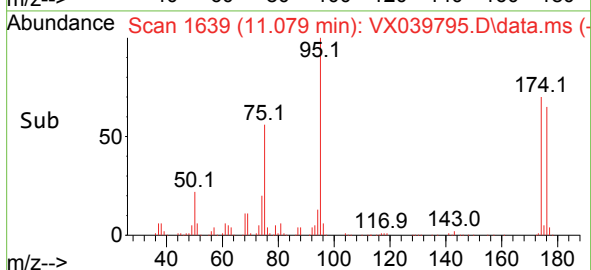
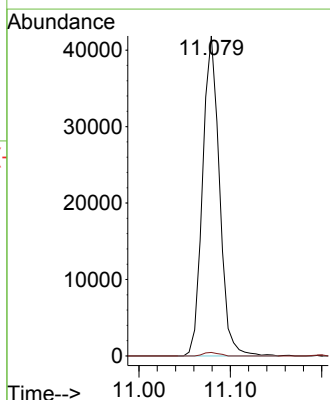
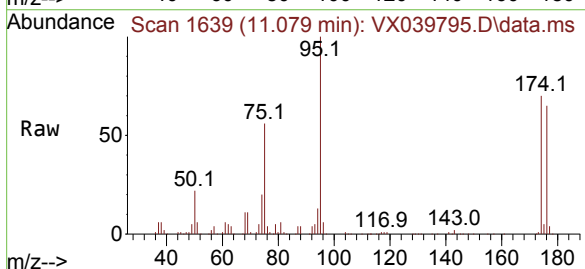
Acq: 17 Jan 2024 12:30

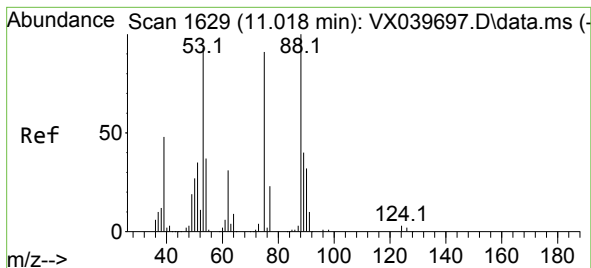
Tgt Ion: 75 Resp: 53671

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

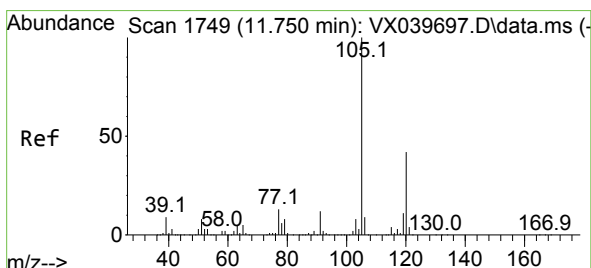
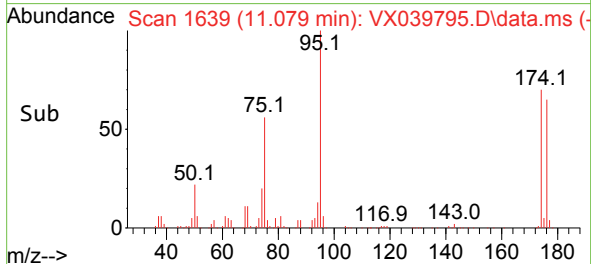
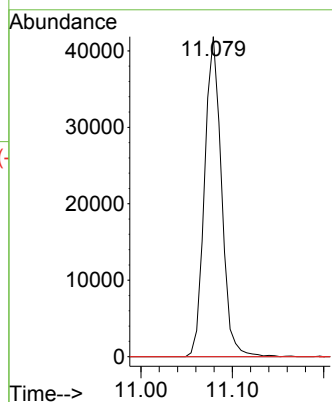
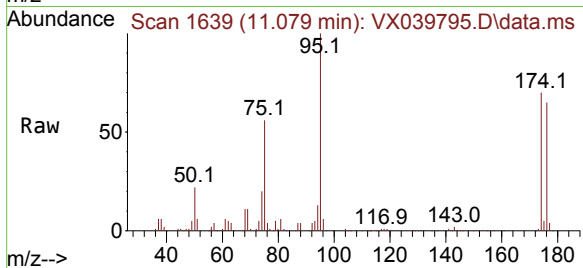




#81
trans-1,4-Dichloro-2-butene
Concen: 63.615 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

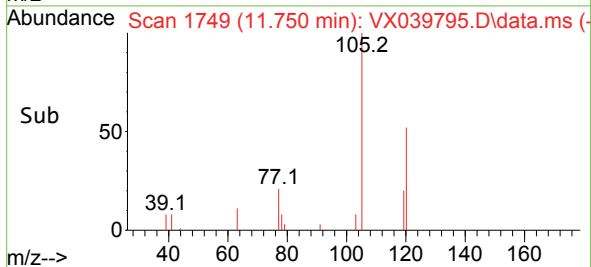
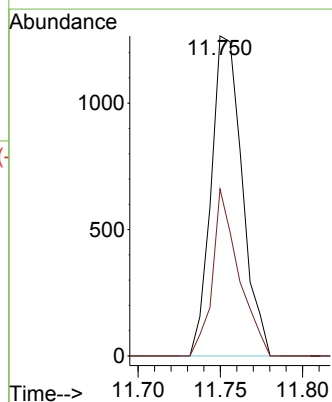
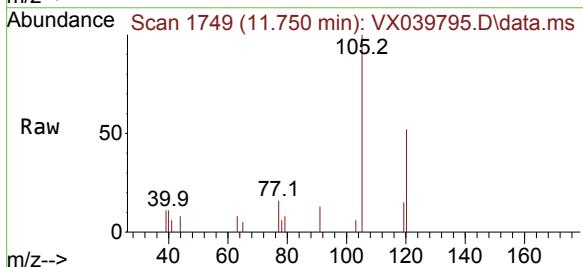
Instrument :
MSVOA_X
ClientSampleId :

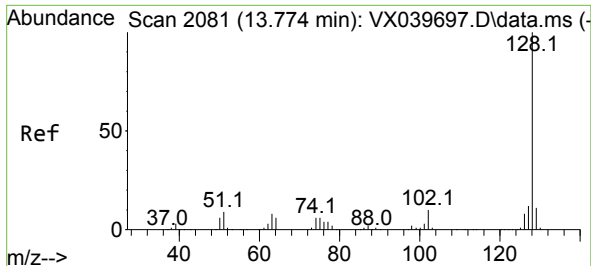
Tgt Ion: 75 Resp: 53671
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.260 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX039795.D
Acq: 17 Jan 2024 12:30

Tgt Ion: 105 Resp: 1656
Ion Ratio Lower Upper
105 100
120 44.0 21.2 63.6





#95

Naphthalene

Concen: 0.324 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

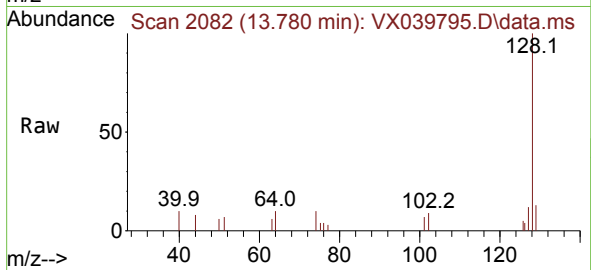
Lab File: VX039795.D

Acq: 17 Jan 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 2315

Ion Ratio Lower Upper

128 100

127 10.8 10.3 15.5

129 9.1 8.8 13.2

