

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
 Data File : VX037135.D
 Acq On : 21 Aug 2023 16:56
 Operator : JC/MD
 Sample : 04086-15
 Misc : 5.00g/5.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 22 05:58:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	129825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	216724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103516	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	116718	62.361	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	124.720%#
35) Dibromofluoromethane	5.391	113	87738	61.128	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	122.260%
50) Toluene-d8	8.647	98	339545	65.217	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	130.440%#
62) 4-Bromofluorobenzene	11.079	95	136104	66.520	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	133.040%#

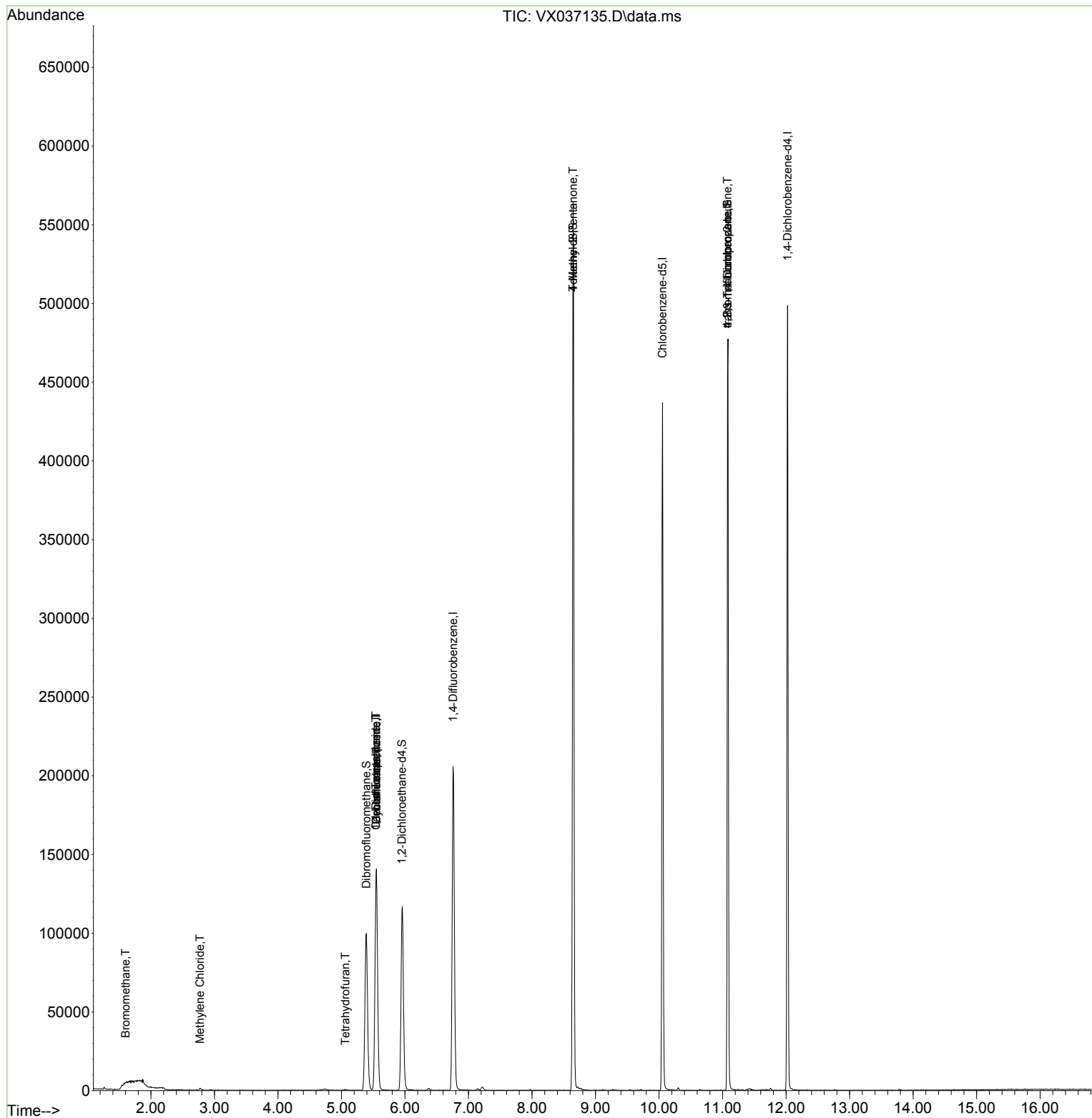
Target Compounds					Qvalue	
5) Bromomethane	1.599	94	155	0.217	ug/l	81
20) Methylene Chloride	2.770	84	667	0.407	ug/l	89
29) Tetrahydrofuran	5.062	42	481	0.684	ug/l #	58
31) Cyclohexane	5.550	56	2657	1.263	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	10253	5.028	ug/l #	51
38) Carbon Tetrachloride	5.544	117	13851	6.253	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1251	0.623	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	69618	31.579	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	69618	88.202	ug/l #	5

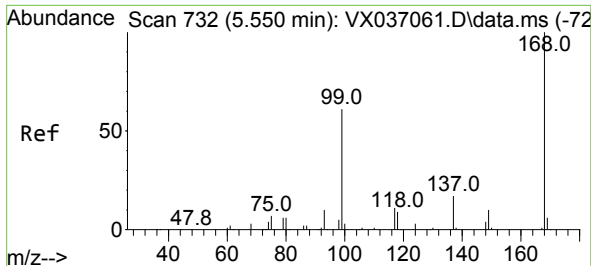
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
Data File : VX037135.D
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Misc : 5.00g/5.0mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

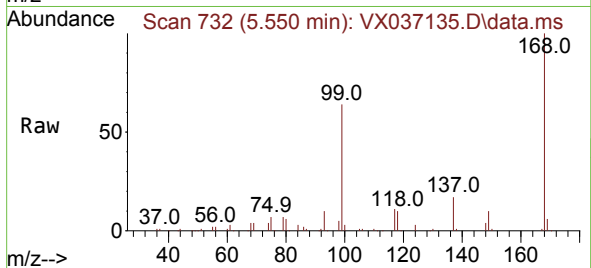
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



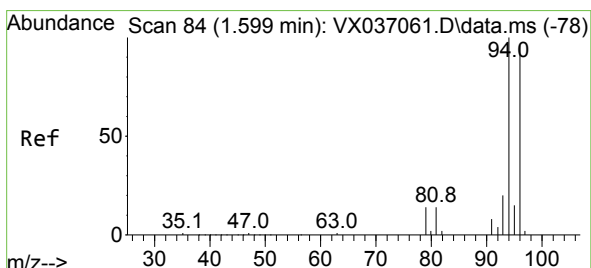
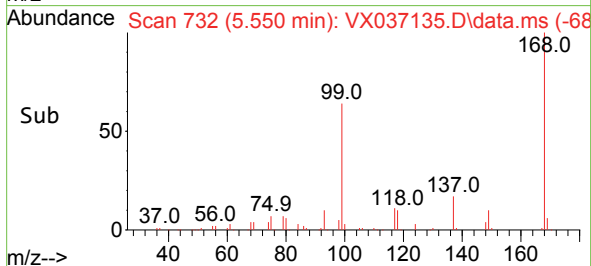
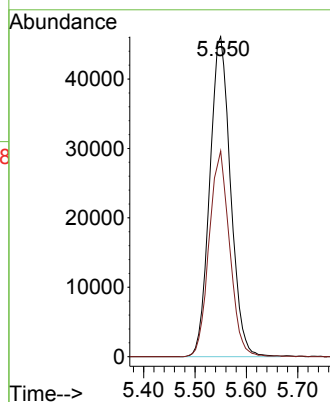


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037135.D
Acq: 21 Aug 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :

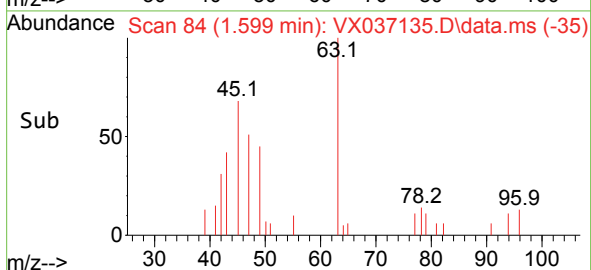
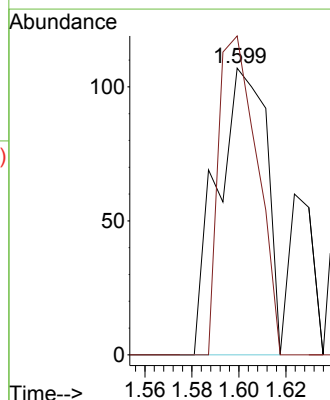
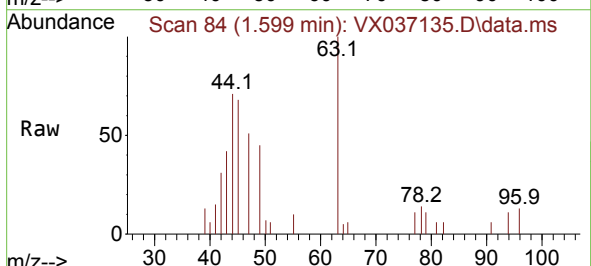


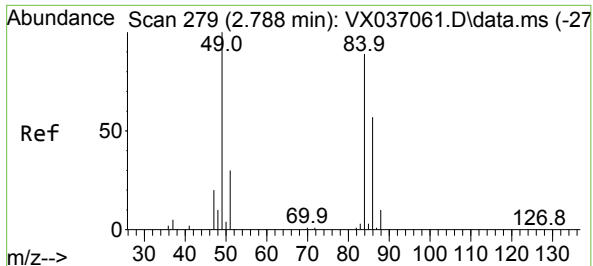
Tgt Ion:168 Resp: 129825
Ion Ratio Lower Upper
168 100
99 64.3 56.6 85.0



#5
Bromomethane
Concen: 0.217 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037135.D
Acq: 21 Aug 2023 16:56

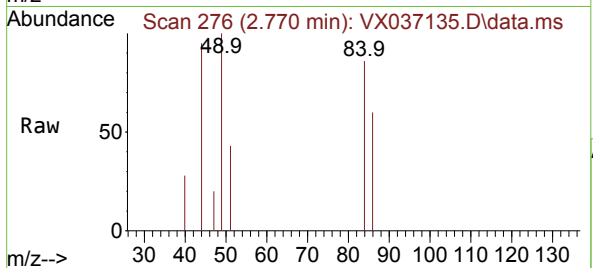
Tgt Ion: 94 Resp: 155
Ion Ratio Lower Upper
94 100
96 111.2 74.6 111.8



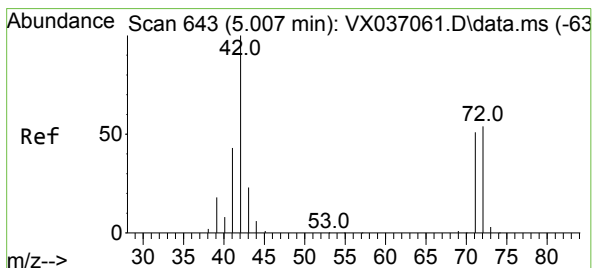
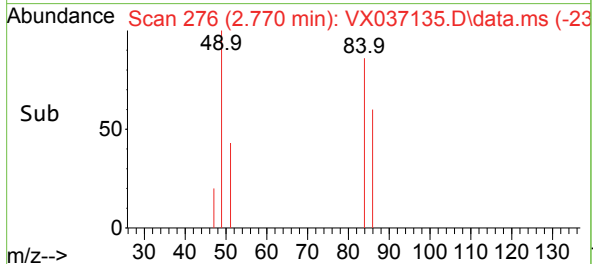
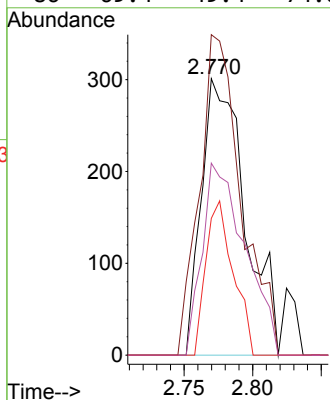


#20
Methylene Chloride
Concen: 0.407 ug/l
RT: 2.770 min Scan# 21
Delta R.T. -0.018 min
Lab File: VX037135.D
Acq: 21 Aug 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :

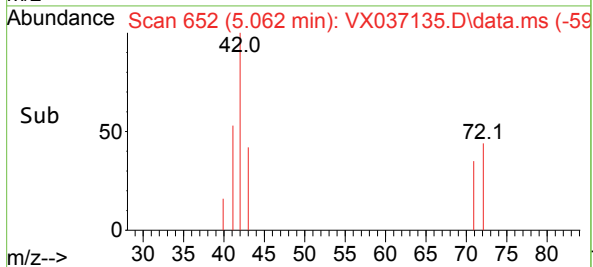
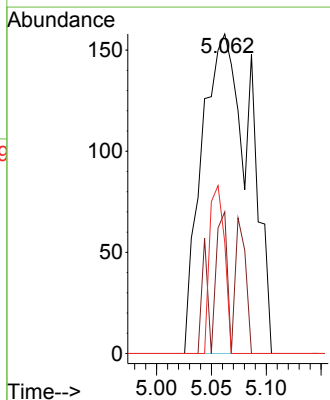
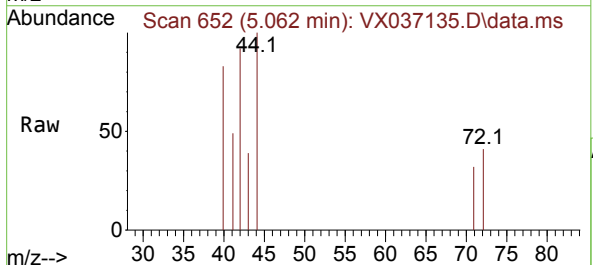


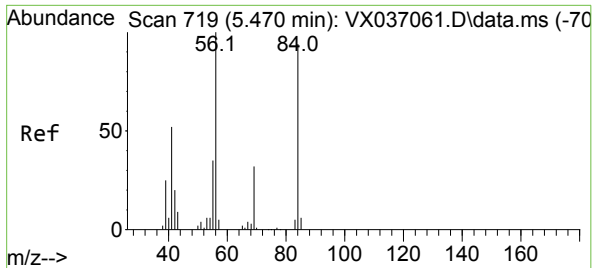
Tgt Ion:	84	Resp:	667
Ion	Ratio	Lower	Upper
84	100		
49	115.9	103.6	155.4
51	49.5	33.8	50.6
86	69.4	49.4	74.0



#29
Tetrahydrofuran
Concen: 0.684 ug/l
RT: 5.062 min Scan# 652
Delta R.T. 0.055 min
Lab File: VX037135.D
Acq: 21 Aug 2023 16:56

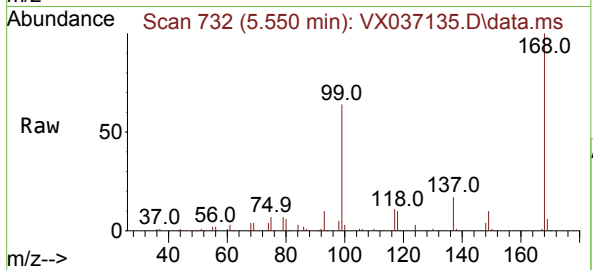
Tgt Ion:	42	Resp:	481
Ion	Ratio	Lower	Upper
42	100		
72	14.3	34.2	51.4#
71	16.2	32.2	48.2#



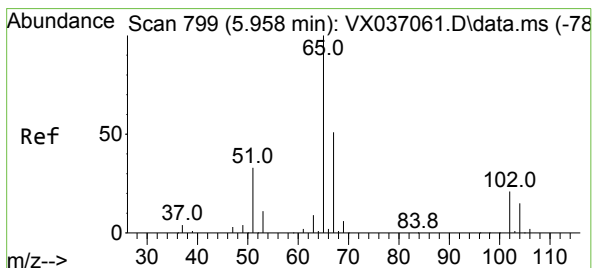
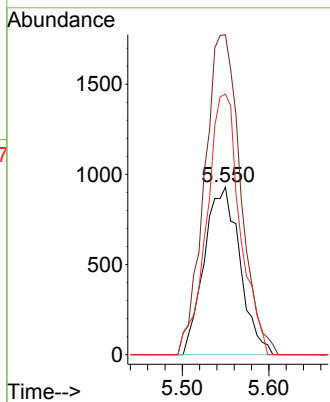
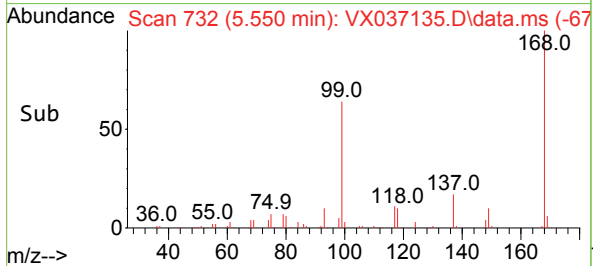


#31
Cyclohexane
Concen: 1.263 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037135.D
Acq: 21 Aug 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :

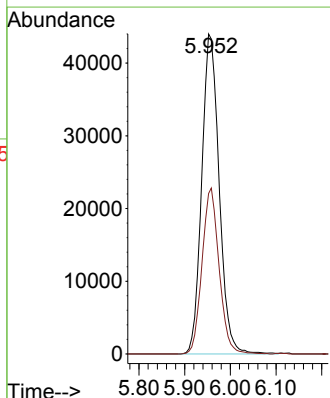
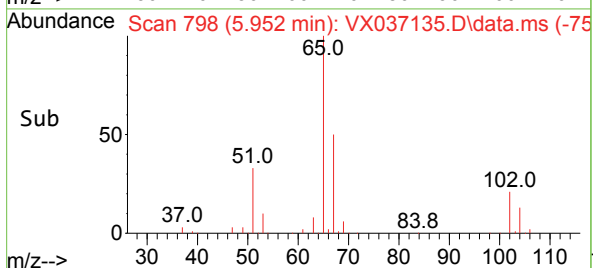
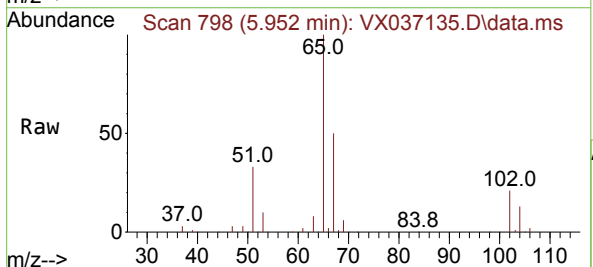


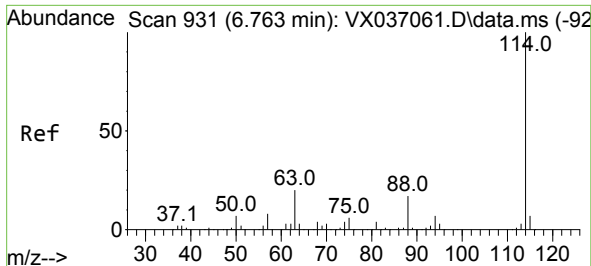
Tgt Ion: 56 Resp: 2657
Ion Ratio Lower Upper
56 100
69 191.1 23.4 35.2#
84 155.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 62.361 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037135.D
Acq: 21 Aug 2023 16:56

Tgt Ion: 65 Resp: 116718
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

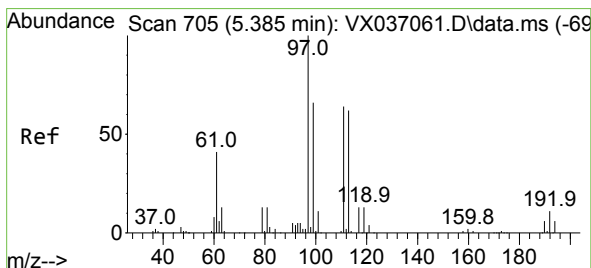
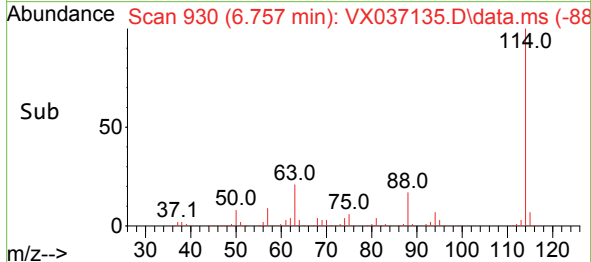
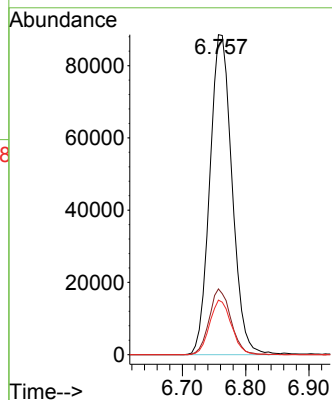
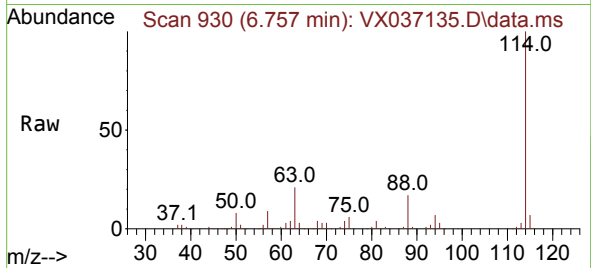




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX037135.D
Acq: 21 Aug 2023 16:56

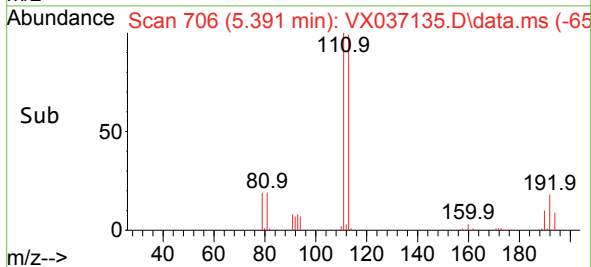
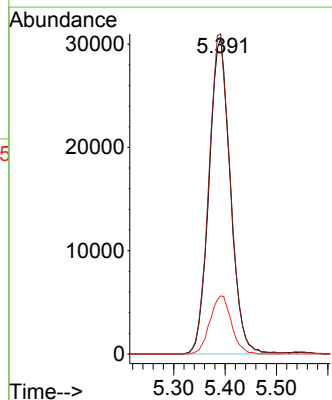
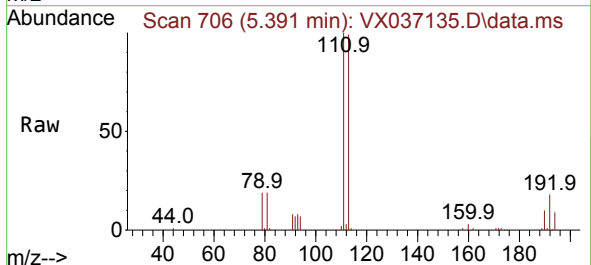
Instrument :
MSVOA_X
ClientSampleId :

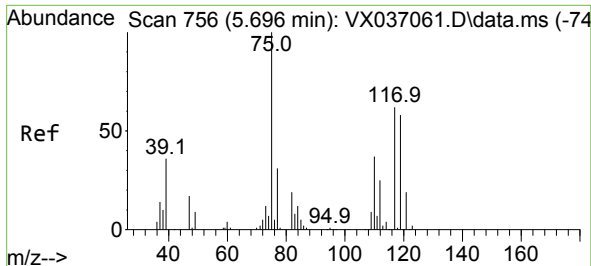
Tgt Ion:114 Resp: 216724
Ion Ratio Lower Upper
114 100
63 20.6 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 61.128 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037135.D
Acq: 21 Aug 2023 16:56

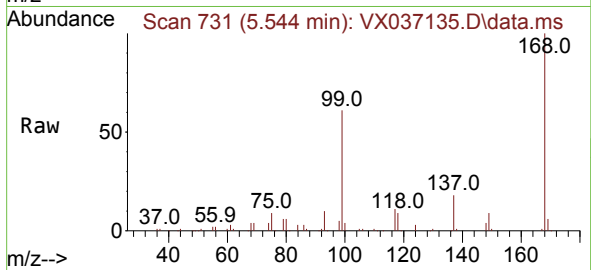
Tgt Ion:113 Resp: 87738
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.5 13.3 19.9



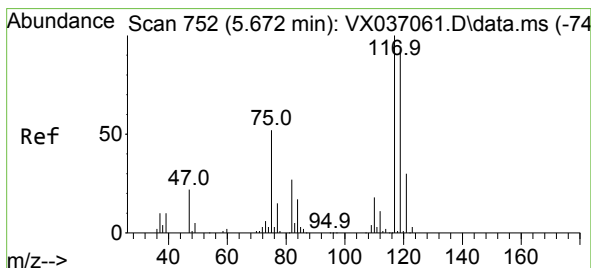
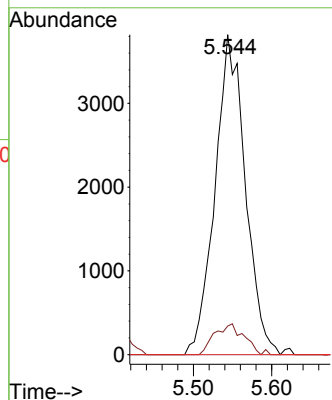
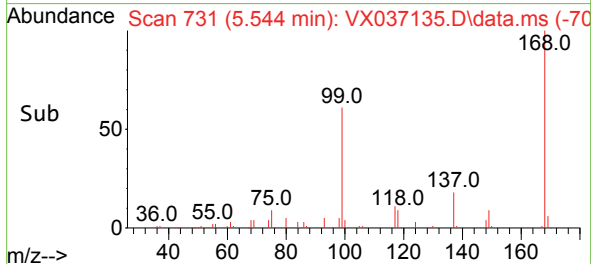


#36
1,1-Dichloropropene
Concen: 5.028 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.152 min
Lab File: VX037135.D
Acq: 21 Aug 2023 16:56

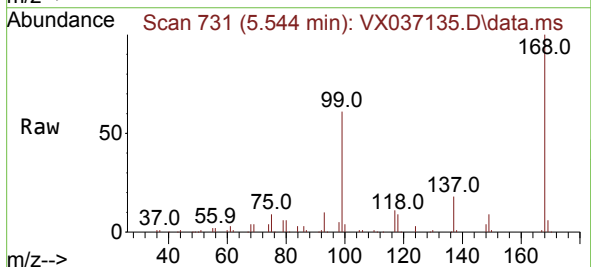
Instrument :
MSVOA_X
ClientSampleId :



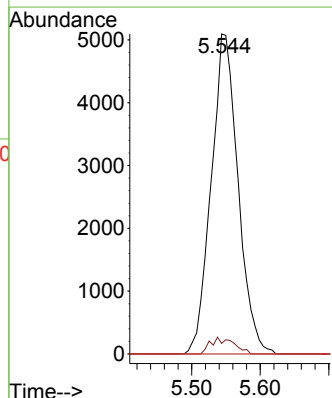
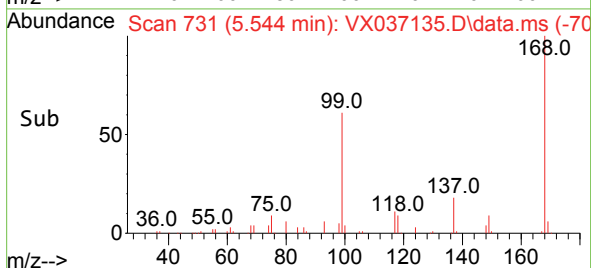
Tgt Ion: 75 Resp: 10253
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#

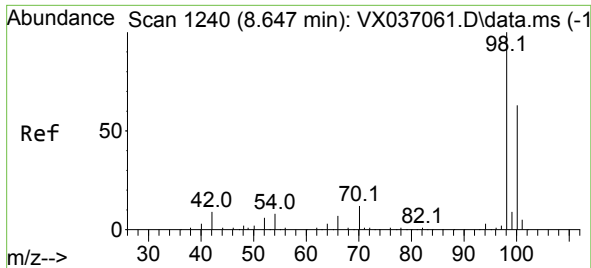


#38
Carbon Tetrachloride
Concen: 6.253 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX037135.D
Acq: 21 Aug 2023 16:56



Tgt Ion: 117 Resp: 13851
Ion Ratio Lower Upper
117 100
119 3.3 78.2 117.2#
121 0.0 24.4 36.6#

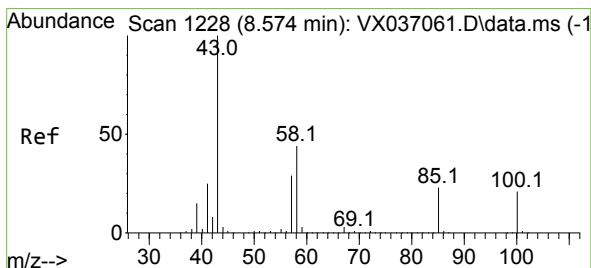
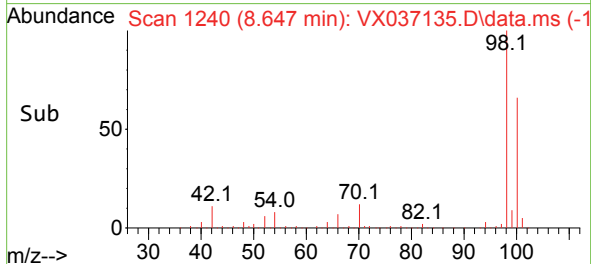
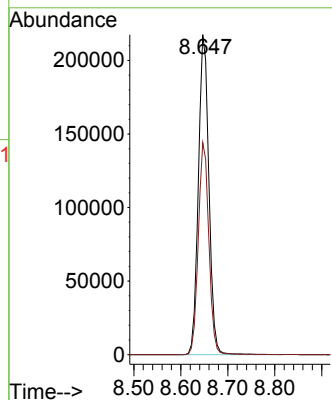
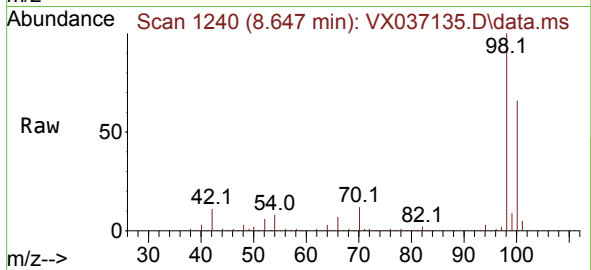




#50
Toluene-d8
Concen: 65.217 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037135.D
Acq: 21 Aug 2023 16:56

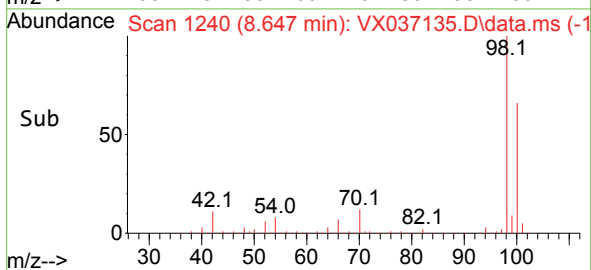
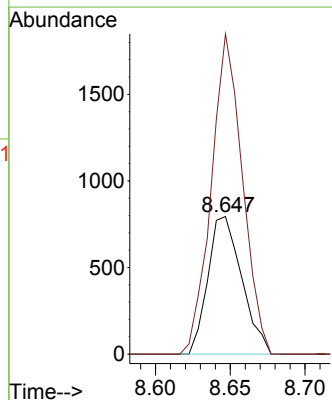
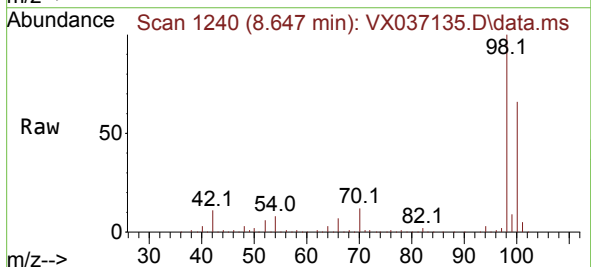
Instrument :
MSVOA_X
ClientSampleId :

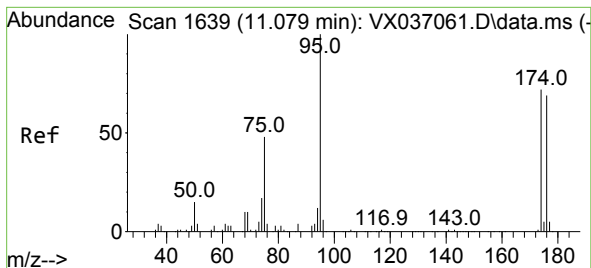
Tgt Ion: 98 Resp: 339545
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.623 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037135.D
Acq: 21 Aug 2023 16:56

Tgt Ion: 43 Resp: 1251
Ion Ratio Lower Upper
43 100
58 214.1 30.4 45.6#

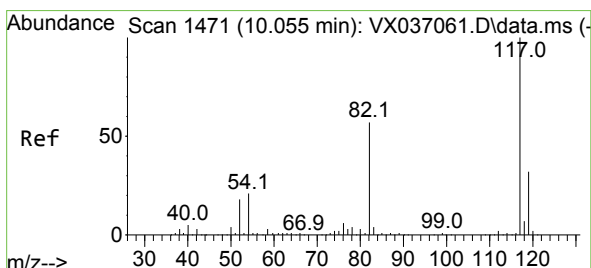
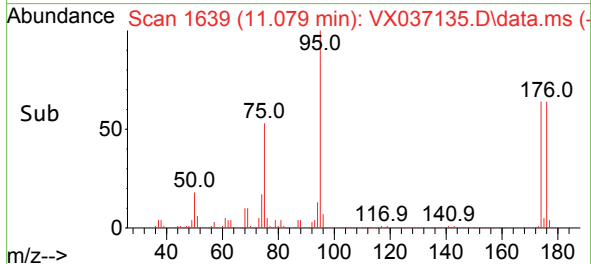
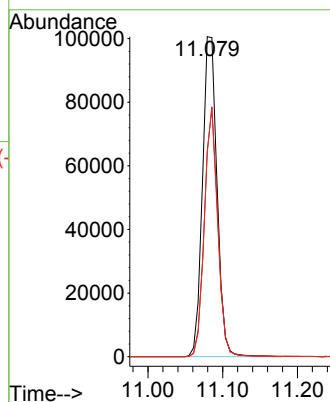
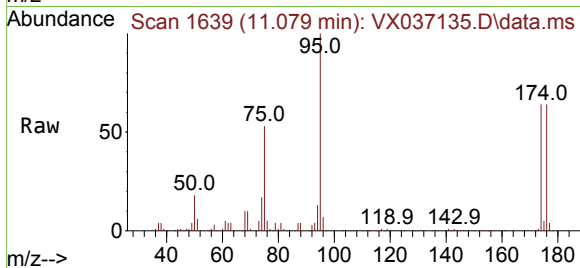




#62
4-Bromofluorobenzene
Concen: 66.520 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037135.D
Acq: 21 Aug 2023 16:56

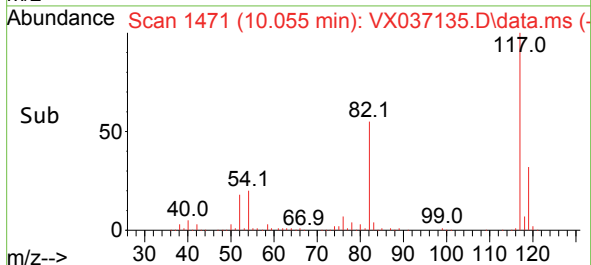
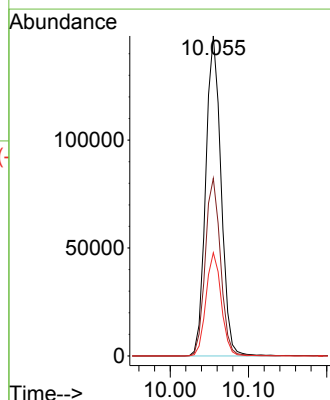
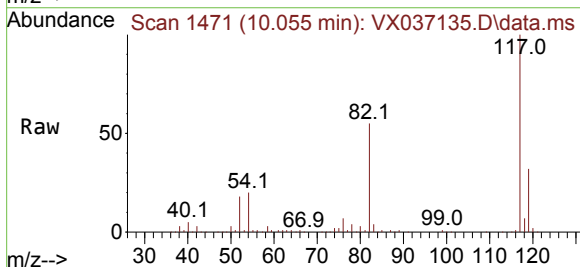
Instrument :
MSVOA_X
ClientSampleId :

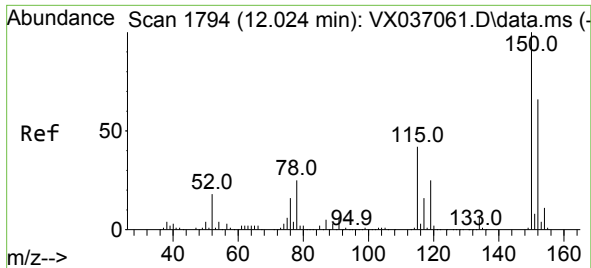
Tgt Ion: 95 Resp: 136104
Ion Ratio Lower Upper
95 100
174 72.2 0.0 135.6
176 71.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037135.D
Acq: 21 Aug 2023 16:56

Tgt Ion: 117 Resp: 200661
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 32.3 25.5 38.3

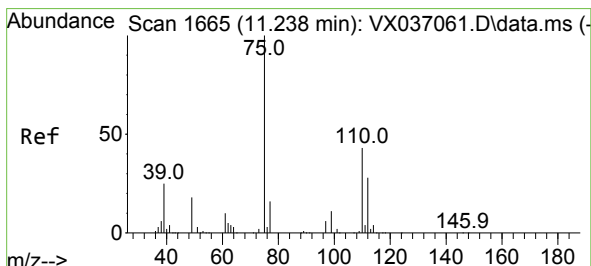
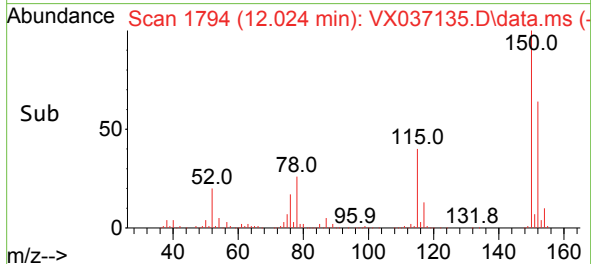
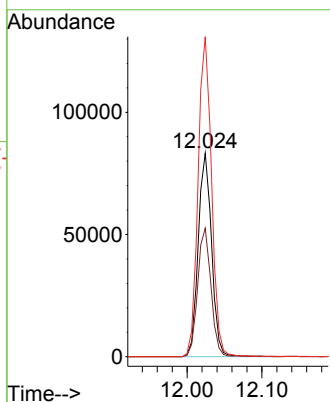
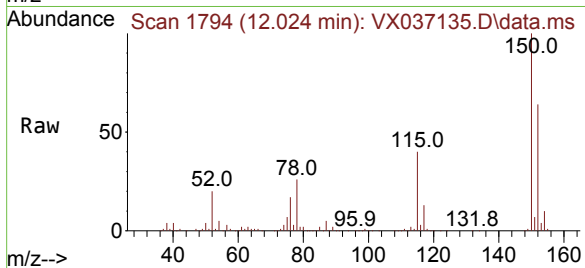




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037135.D
 Acq: 21 Aug 2023 16:56

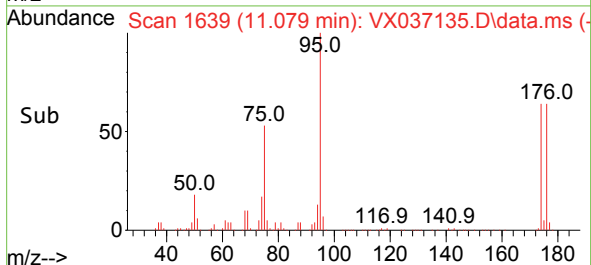
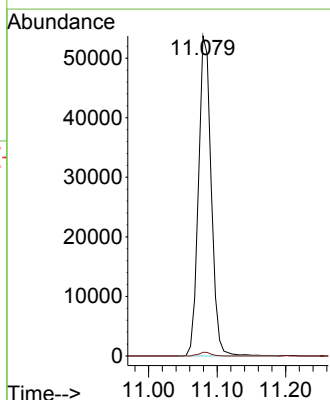
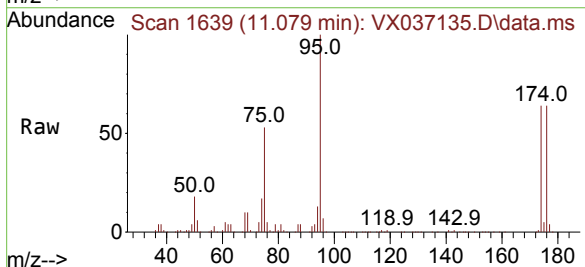
Instrument :
 MSVOA_X
 ClientSampleId :

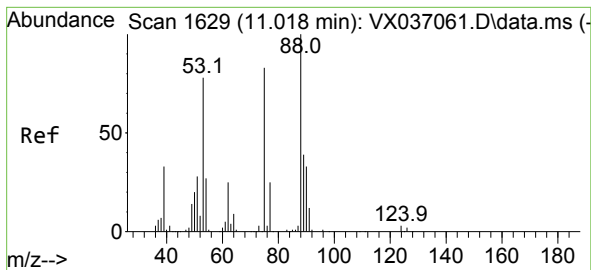
Tgt Ion:152 Resp: 103516
 Ion Ratio Lower Upper
 152 100
 115 63.0 43.3 129.9
 150 158.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 31.579 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037135.D
 Acq: 21 Aug 2023 16:56

Tgt Ion: 75 Resp: 69618
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.202 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037135.D
 Acq: 21 Aug 2023 16:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 69618
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

