

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
 Data File : VX037735.D
 Acq On : 14 Sep 2023 17:52
 Operator : JC/MD
 Sample : 04390-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 14 18:45:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

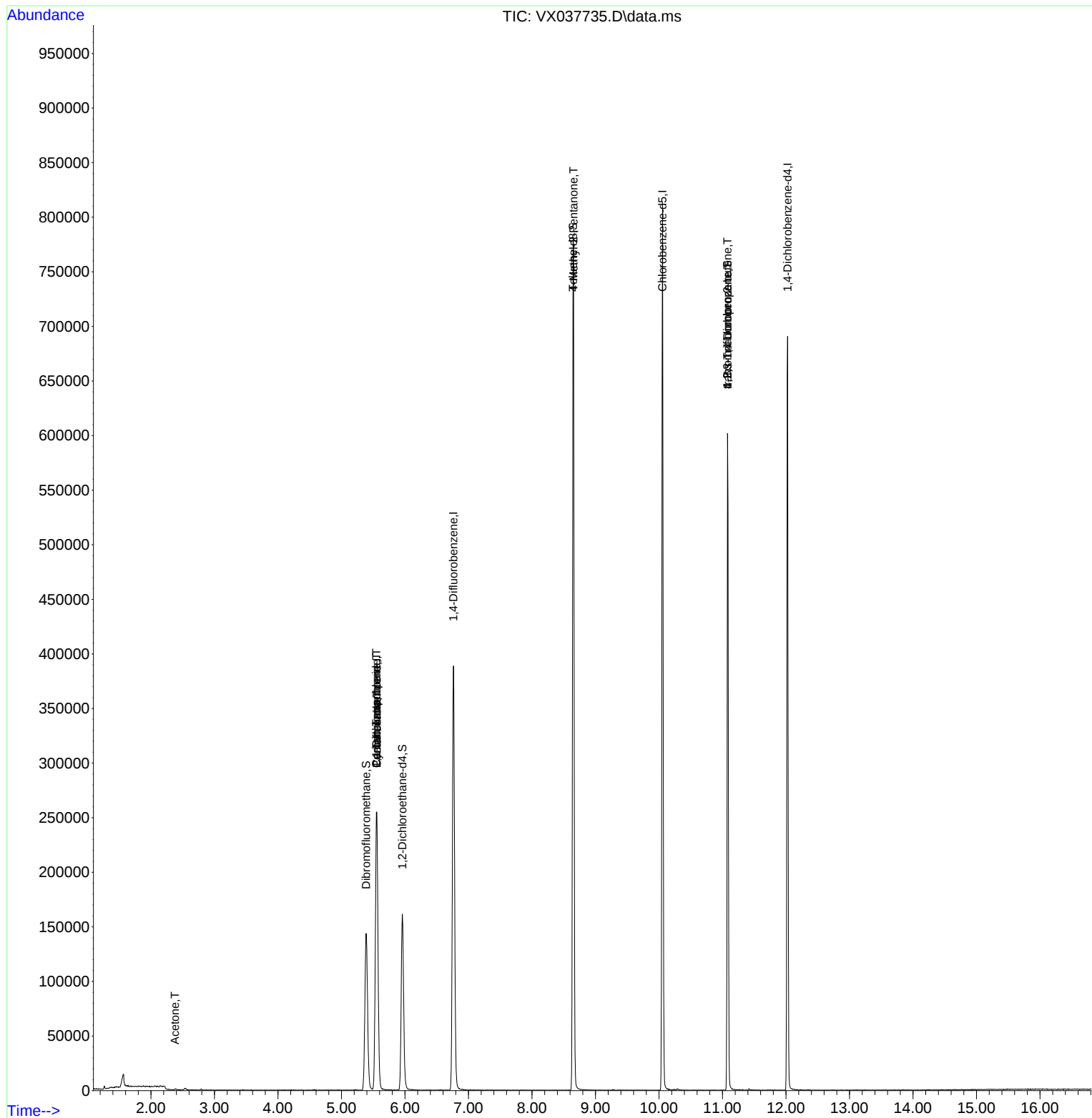
Internal Standards						
1) Pentafluorobenzene	5.556	168	247748	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	409930	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155073	38.687	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	77.380%#	
35) Dibromofluoromethane	5.385	113	127806	43.986	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	87.980%	
50) Toluene-d8	8.647	98	487491	44.486	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	88.980%#	
62) 4-Bromofluorobenzene	11.079	95	157431	39.821	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	79.640%#	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.971	59	38	Below Cal	#	78
16) Acetone	2.380	43	1028	0.634	ug/l	90
20) Methylene Chloride	2.794	84	407	Below Cal	#	89
31) Cyclohexane	5.556	56	5113	1.108	ug/l	# 10
36) 1,1-Dichloropropene	5.550	75	19123	4.838	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	25103	6.217	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.653	43	2015	0.425	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	80620	25.520	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	80620	77.574	ug/l	# 5

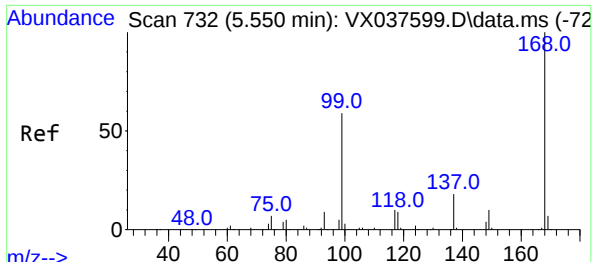
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 14 18:45:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration

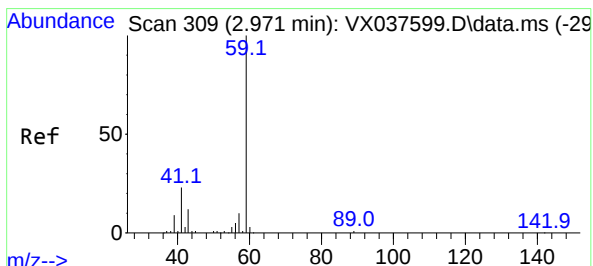
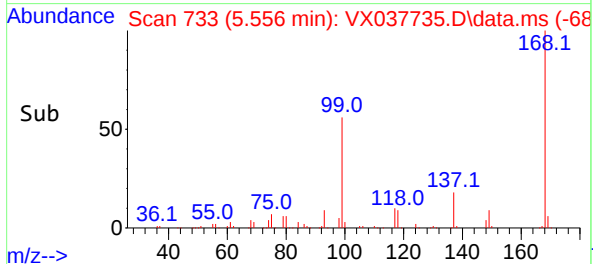
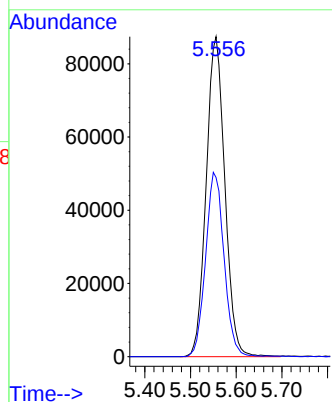
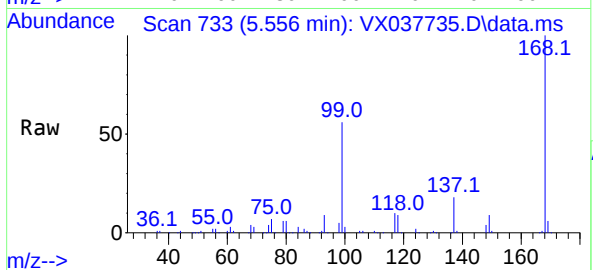




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037735.D
Acq: 14 Sep 2023 17:52

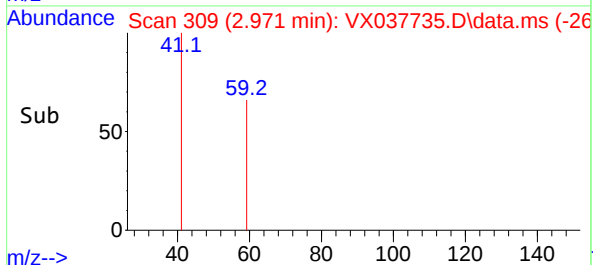
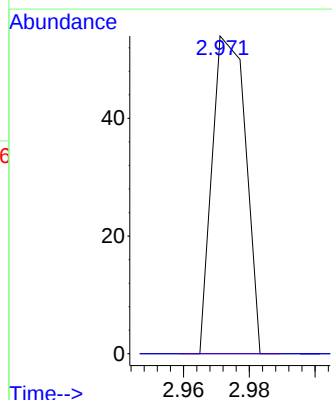
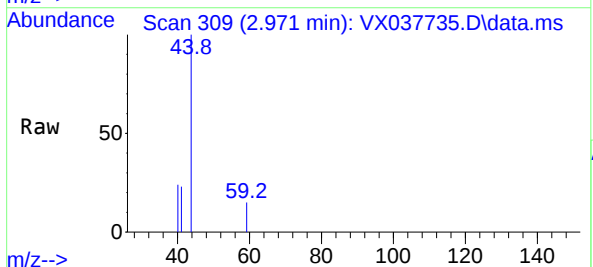
Instrument :
MSVOA_X
ClientSampleId :

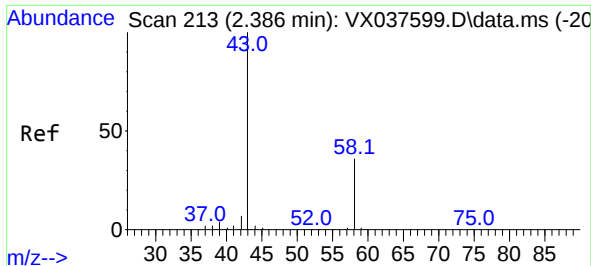
Tgt Ion:168 Resp: 247748
Ion Ratio Lower Upper
168 100
99 56.0 56.6 85.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. 0.000 min
Lab File: VX037735.D
Acq: 14 Sep 2023 17:52

Tgt Ion: 59 Resp: 38
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

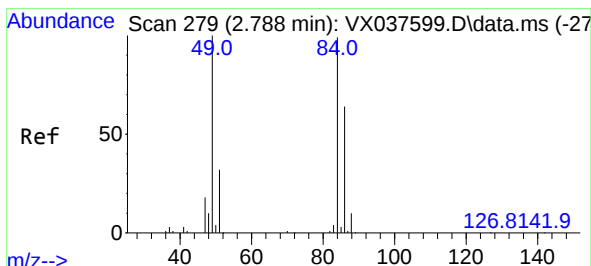
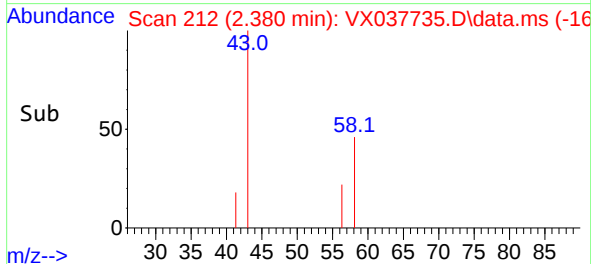
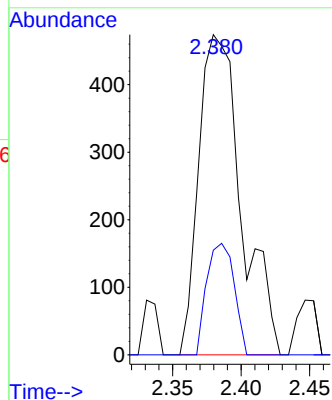
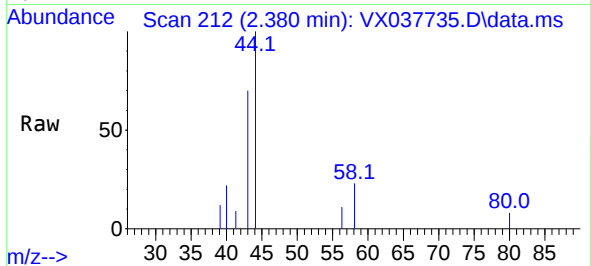




#16
Acetone
Concen: 0.634 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037735.D
Acq: 14 Sep 2023 17:52

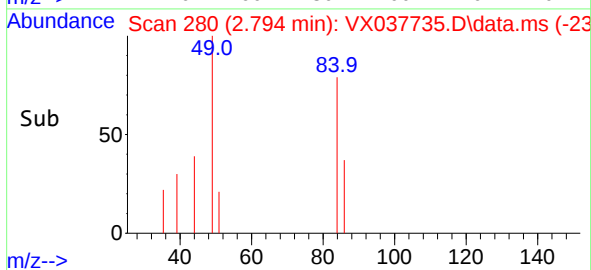
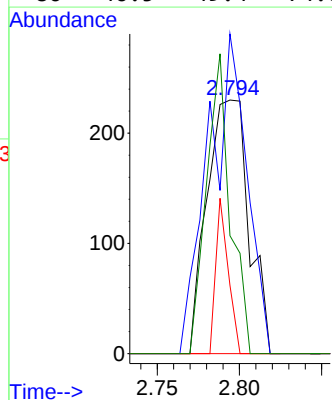
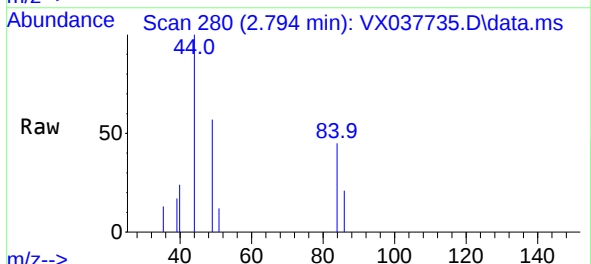
Instrument :
MSVOA_X
ClientSampleId :

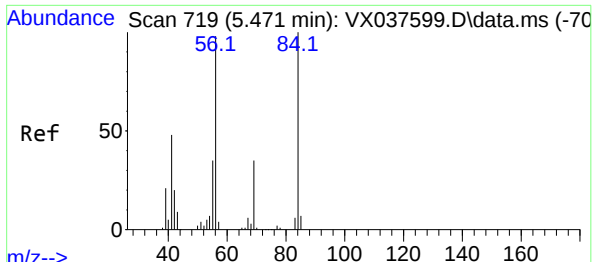
Tgt Ion: 43 Resp: 1028
Ion Ratio Lower Upper
43 100
58 32.7 21.9 32.9



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037735.D
Acq: 14 Sep 2023 17:52

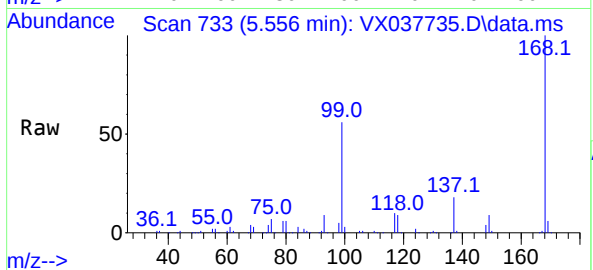
Tgt Ion: 84 Resp: 407
Ion Ratio Lower Upper
84 100
49 126.1 103.6 155.4
51 27.0 33.8 50.6#
86 46.5 49.4 74.0#



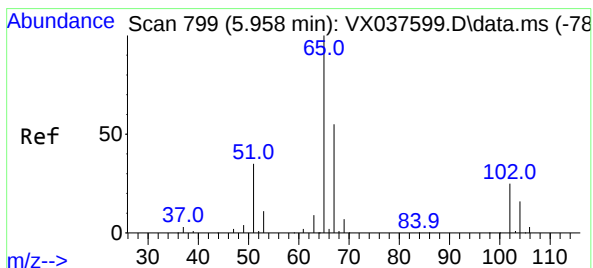
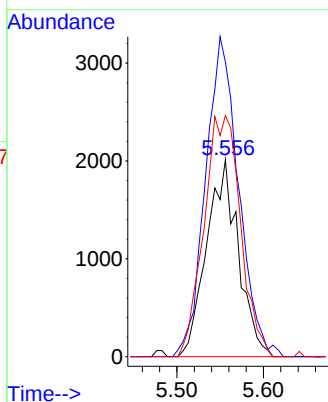
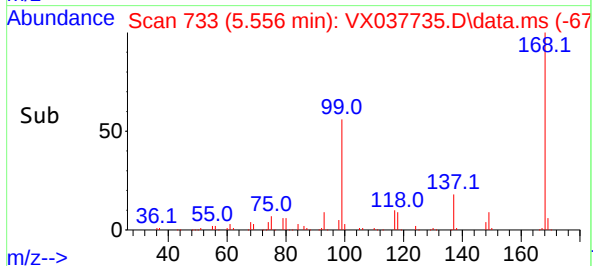


#31
Cyclohexane
Concen: 1.108 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037735.D
Acq: 14 Sep 2023 17:52

Instrument :
MSVOA_X
ClientSampleId :

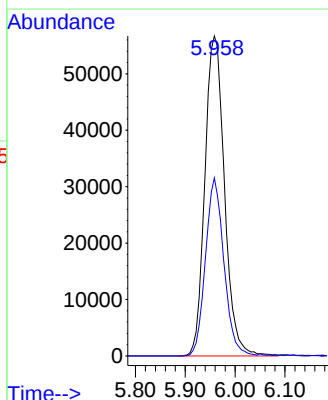
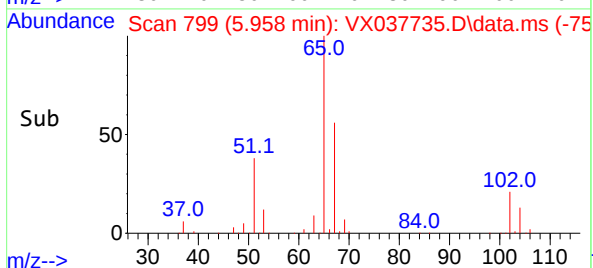
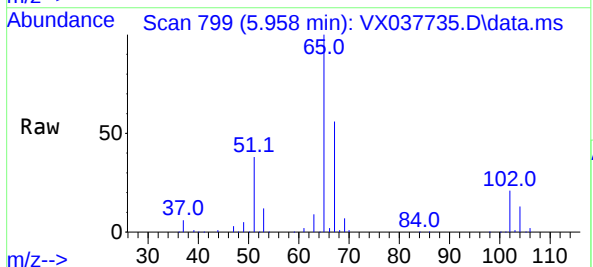


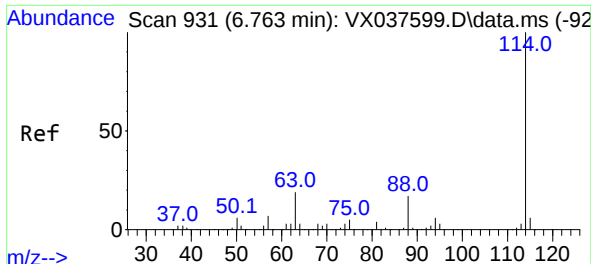
Tgt Ion: 56 Resp: 5113
Ion Ratio Lower Upper
56 100
69 146.1 23.4 35.2#
84 122.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 38.687 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037735.D
Acq: 14 Sep 2023 17:52

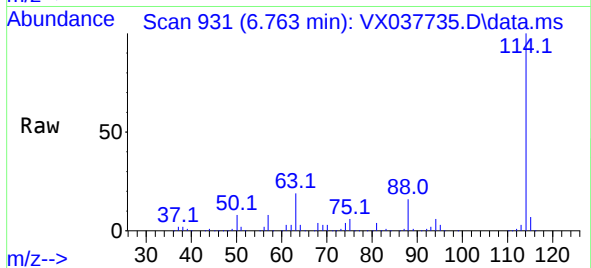
Tgt Ion: 65 Resp: 155073
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2



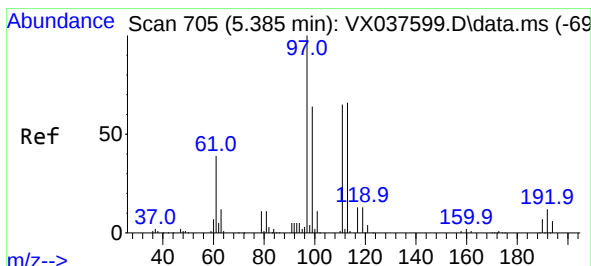
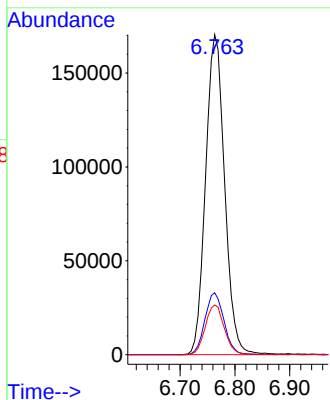
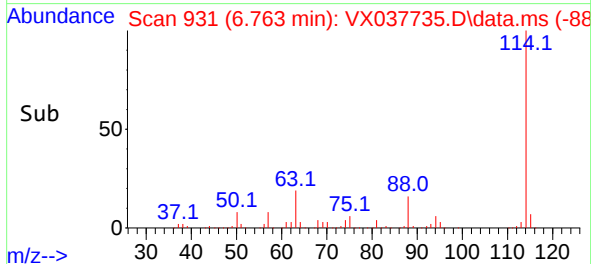


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037735.D
Acq: 14 Sep 2023 17:52

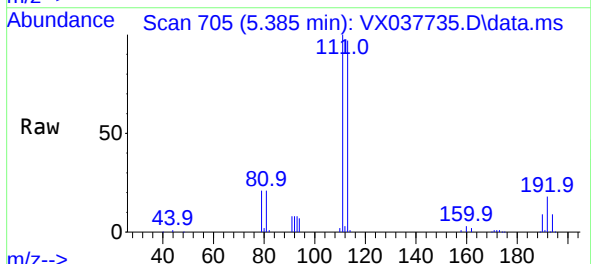
Instrument :
MSVOA_X
ClientSampleId :



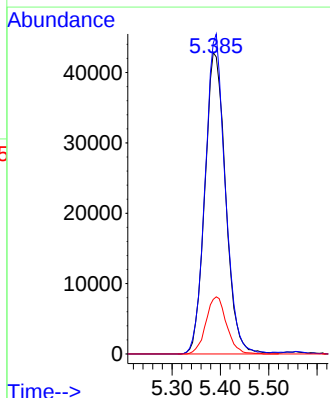
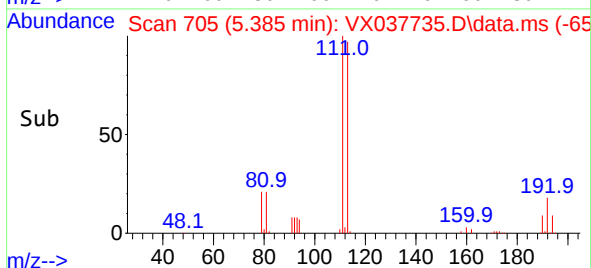
Tgt Ion:114 Resp: 409930
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 15.6 0.0 36.6

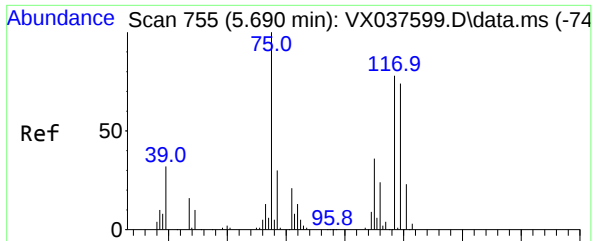


#35
Dibromofluoromethane
Concen: 43.986 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037735.D
Acq: 14 Sep 2023 17:52



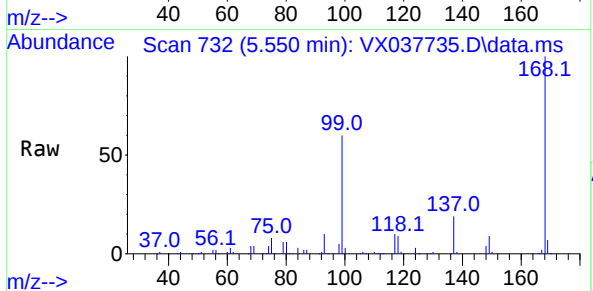
Tgt Ion:113 Resp: 127806
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.8 13.3 19.9



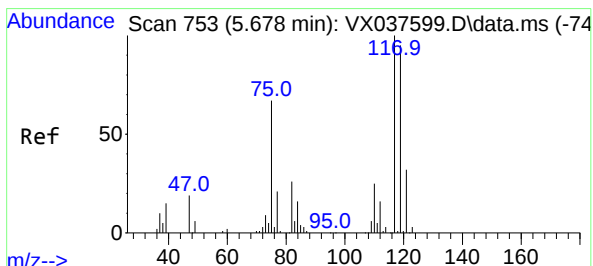
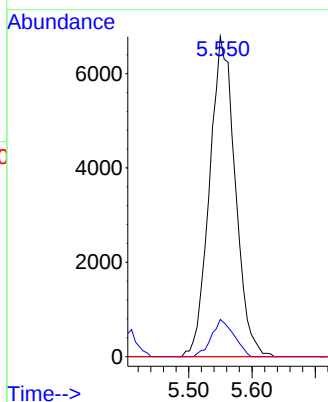
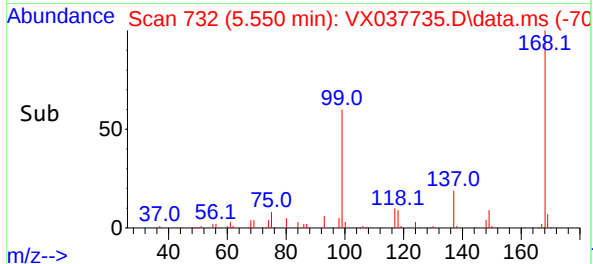


#36
1,1-Dichloropropene
Concen: 4.838 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX037735.D
Acq: 14 Sep 2023 17:52

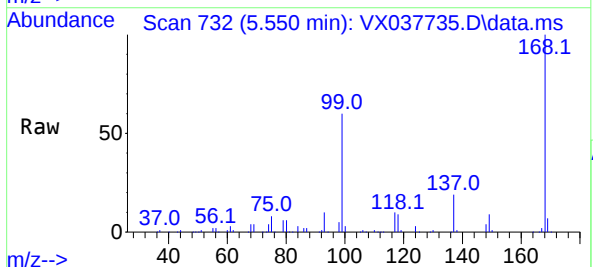
Instrument :
MSVOA_X
ClientSampleId :



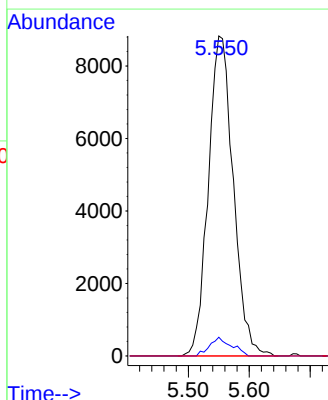
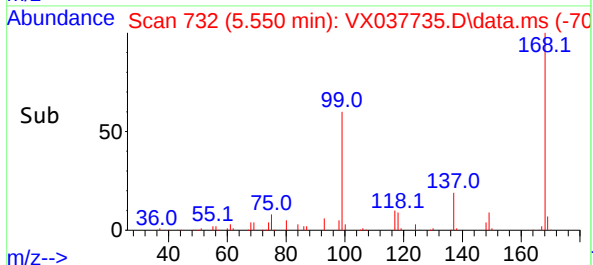
Tgt Ion: 75 Resp: 19123
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#

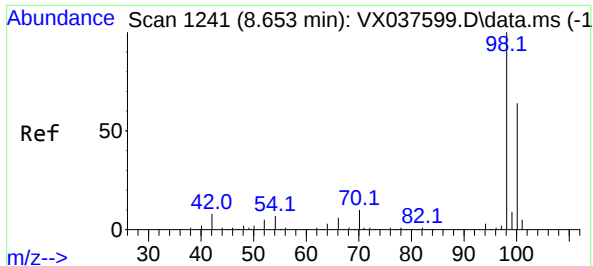


#38
Carbon Tetrachloride
Concen: 6.217 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037735.D
Acq: 14 Sep 2023 17:52



Tgt Ion: 117 Resp: 25103
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 44.486 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX037735.D

Acq: 14 Sep 2023 17:52

Instrument :

MSVOA_X

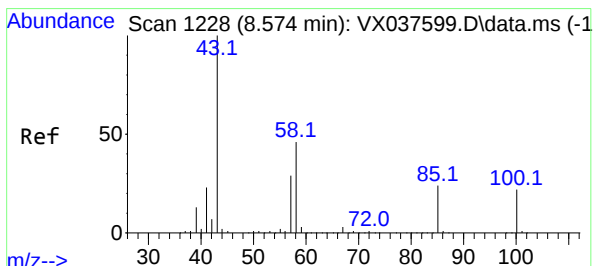
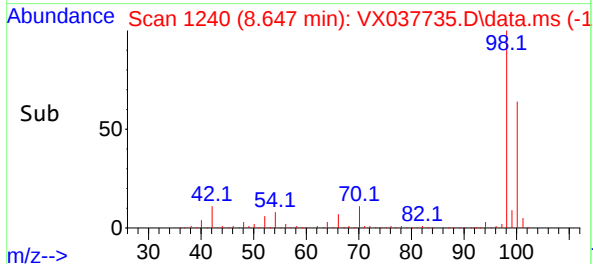
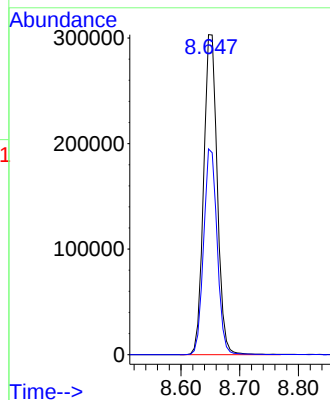
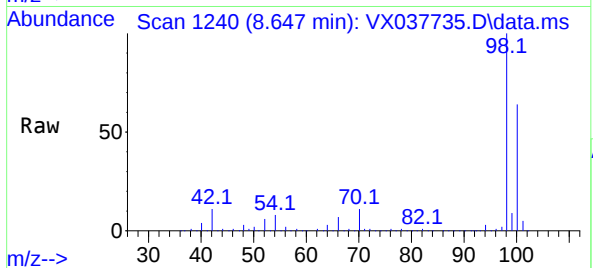
ClientSampleId :

Tgt Ion: 98 Resp: 487491

Ion Ratio Lower Upper

98 100

100 63.8 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.425 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX037735.D

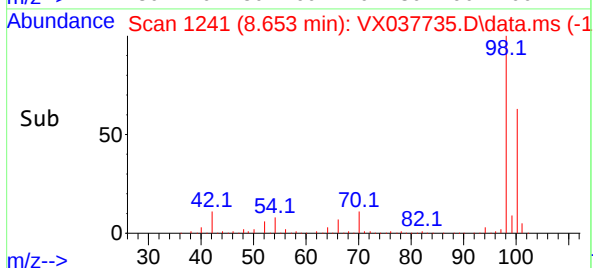
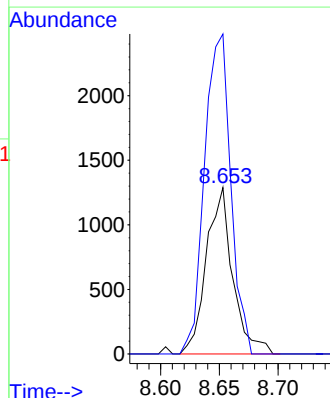
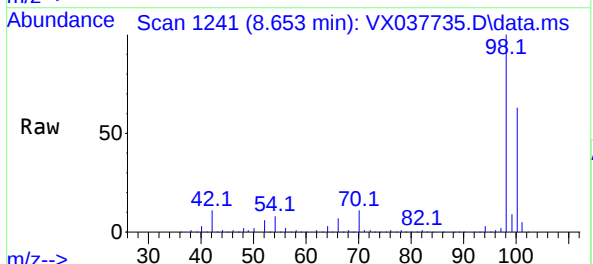
Acq: 14 Sep 2023 17:52

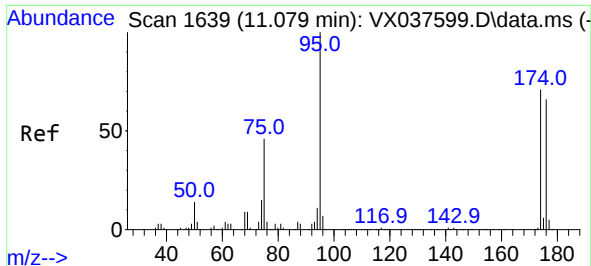
Tgt Ion: 43 Resp: 2015

Ion Ratio Lower Upper

43 100

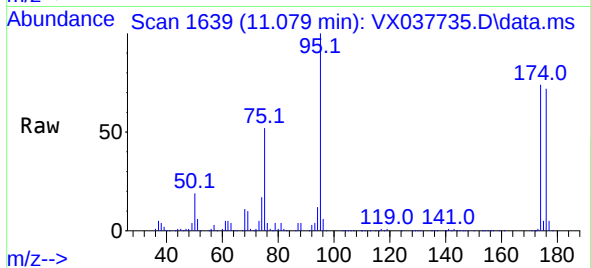
58 191.2 30.4 45.6#



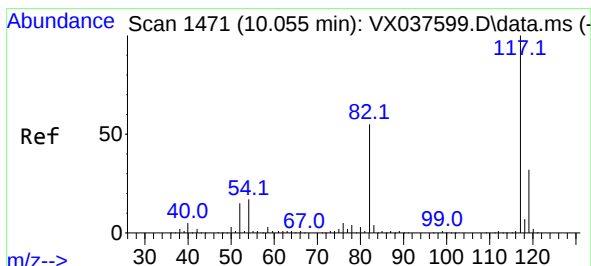
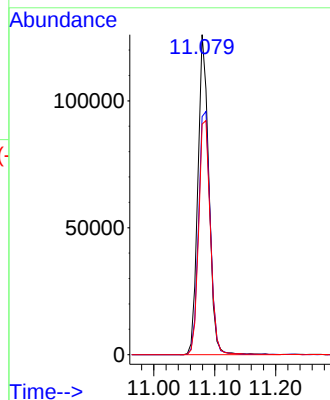
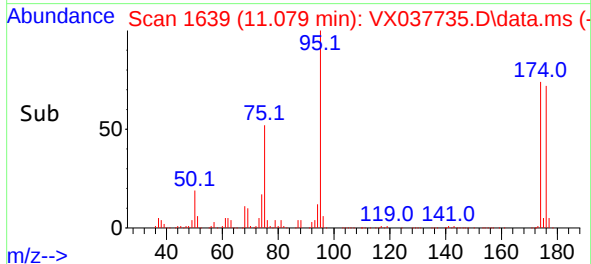


#62
4-Bromofluorobenzene
Concen: 39.821 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037735.D
Acq: 14 Sep 2023 17:52

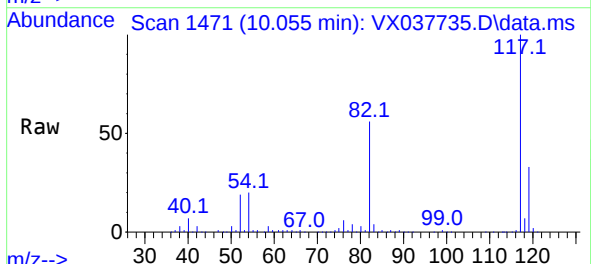
Instrument :
MSVOA_X
ClientSampleId :



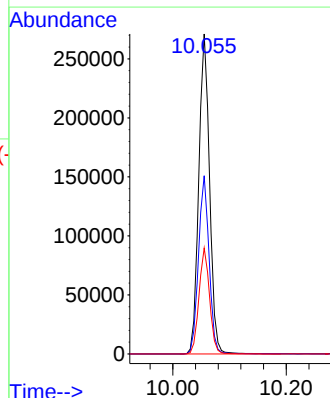
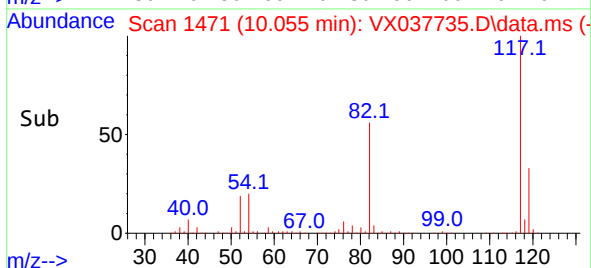
Tgt Ion: 95 Resp: 157431
Ion Ratio Lower Upper
95 100
174 81.2 0.0 135.6
176 78.1 0.0 131.0

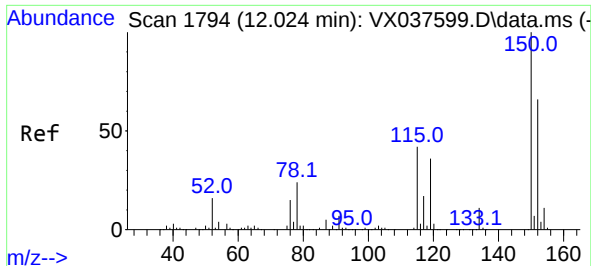


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037735.D
Acq: 14 Sep 2023 17:52



Tgt Ion: 117 Resp: 358033
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 33.1 25.5 38.3

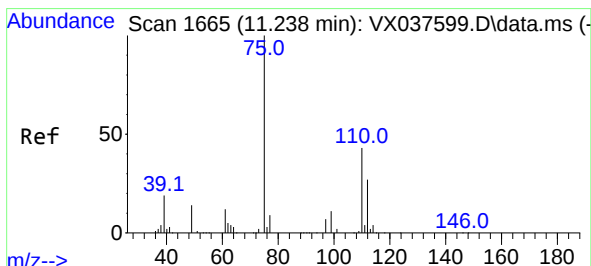
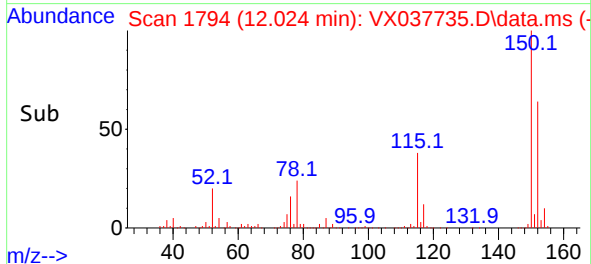
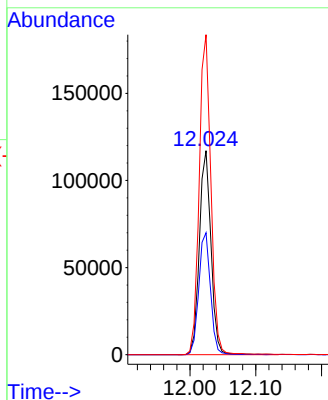
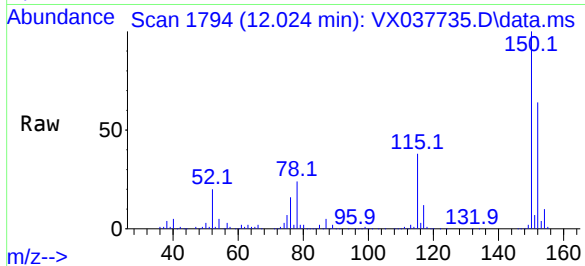




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037735.D
Acq: 14 Sep 2023 17:52

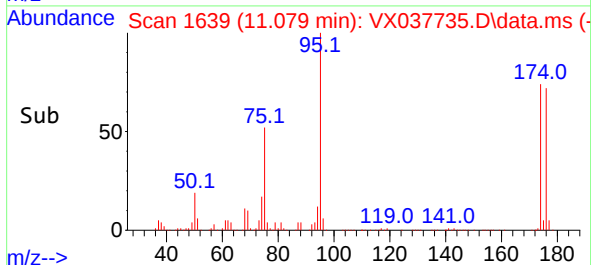
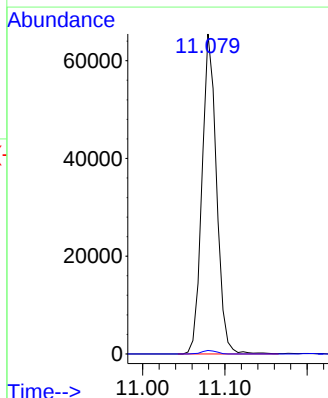
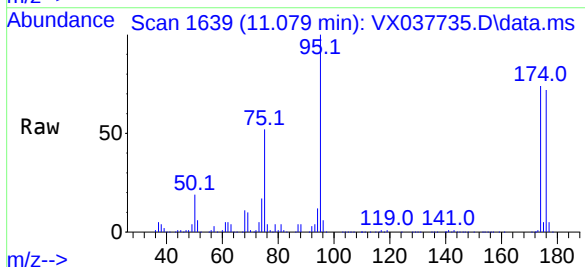
Instrument :
MSVOA_X
ClientSampleId :

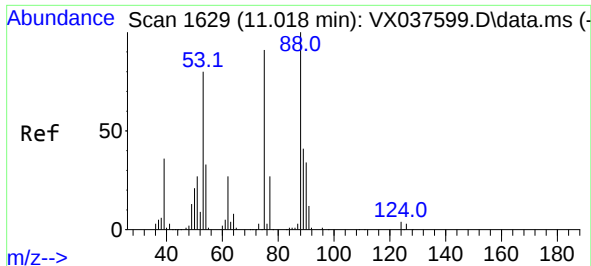
Tgt Ion:152 Resp: 143694
Ion Ratio Lower Upper
152 100
115 60.3 43.3 129.9
150 157.9 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 25.520 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037735.D
Acq: 14 Sep 2023 17:52

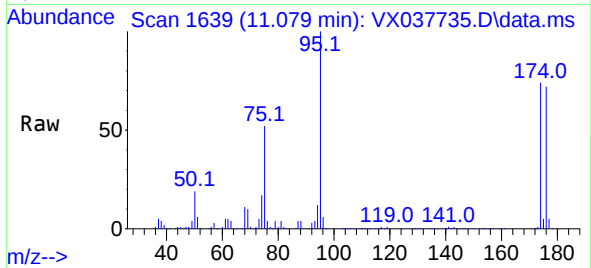
Tgt Ion: 75 Resp: 80620
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.574 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037735.D
Acq: 14 Sep 2023 17:52

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 80620
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#

