

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032577.D
 Acq On : 04 Nov 2022 15:28
 Operator : JC/MD
 Sample : N5474-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 05 00:37:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

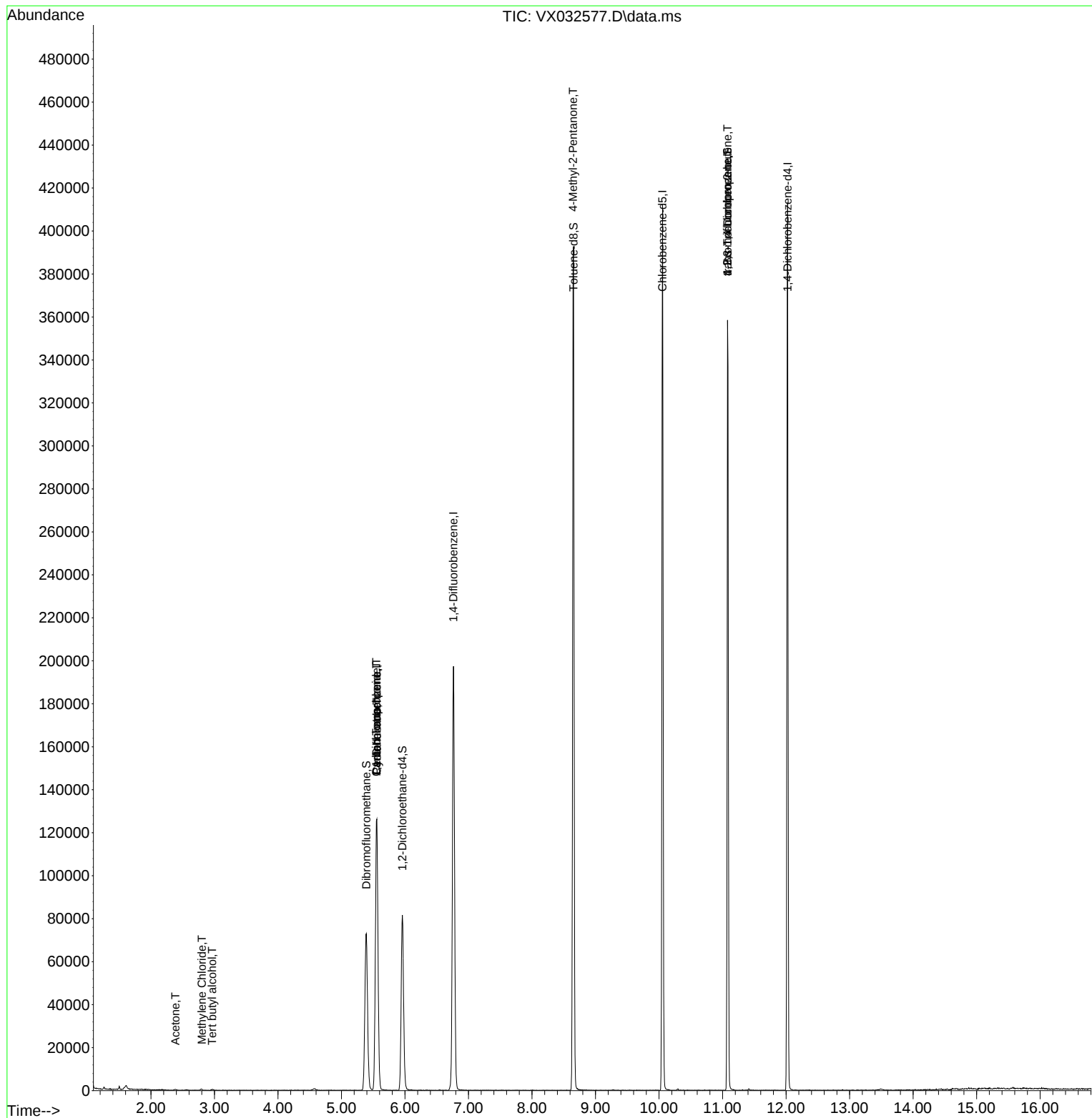
Internal Standards						
1) Pentafluorobenzene	5.556	168	119185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198863	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80859	48.827	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.660%		
35) Dibromofluoromethane	5.391	113	62957	44.382	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.760%		
50) Toluene-d8	8.653	98	236227	47.892	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.780%		
62) 4-Bromofluorobenzene	11.079	95	90914	47.185	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.380%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	555	2.303	ug/l #	72
16) Acetone	2.386	43	594	0.987	ug/l #	76
20) Methylene Chloride	2.800	84	322	0.233	ug/l #	59
31) Cyclohexane	5.556	56	2713	1.351	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	9051	4.582	ug/l #	45
38) Carbon Tetrachloride	5.550	117	12150	5.546	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1016	0.511	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49745	26.729	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	49745	85.054	ug/l #	6

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
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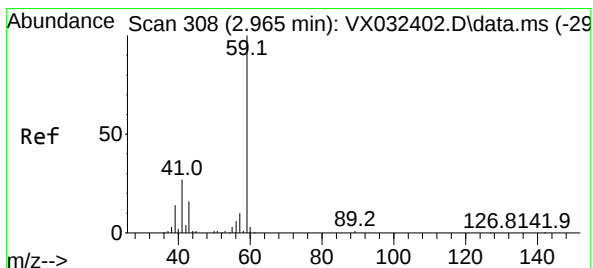
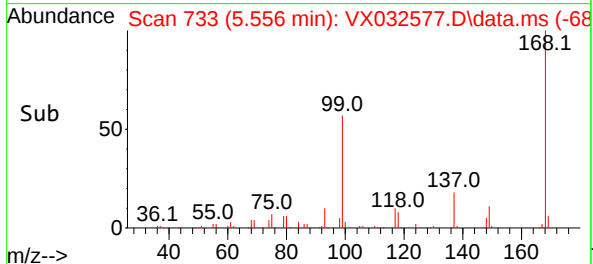
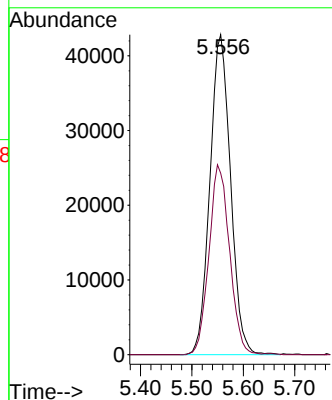
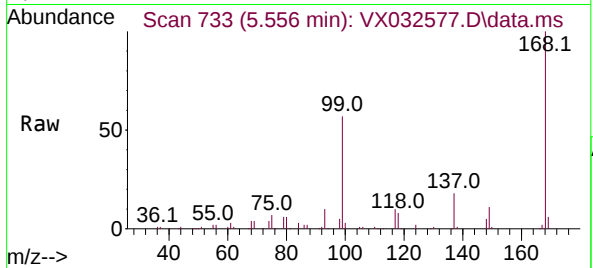




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032577.D
Acq: 04 Nov 2022 15:28

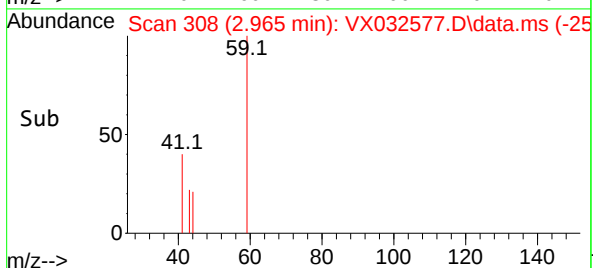
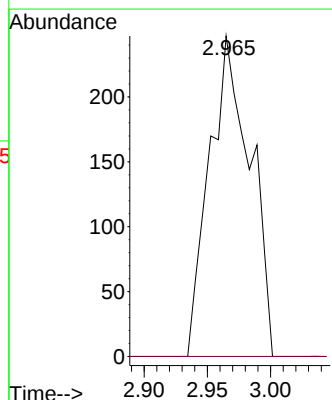
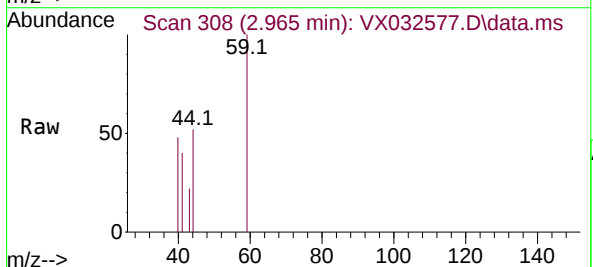
Instrument :
MSVOA_X
ClientSampleId :

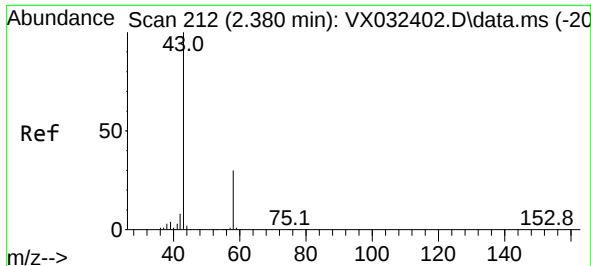
Tgt Ion:168 Resp: 119185
Ion Ratio Lower Upper
168 100
99 56.7 46.1 69.1



#11
Tert butyl alcohol
Concen: 2.303 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.000 min
Lab File: VX032577.D
Acq: 04 Nov 2022 15:28

Tgt Ion: 59 Resp: 555
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

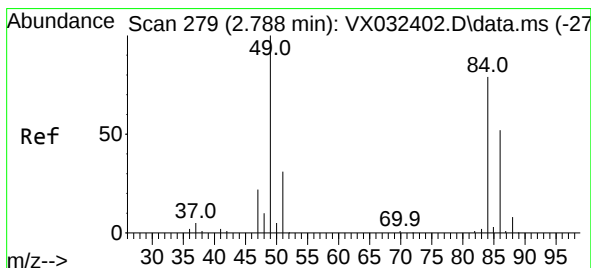
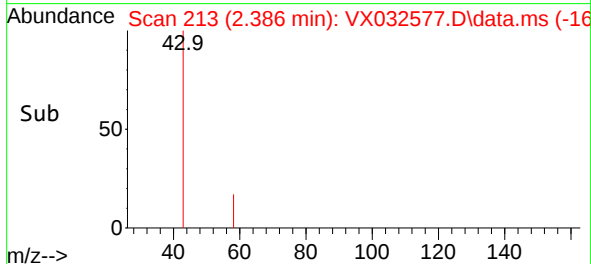
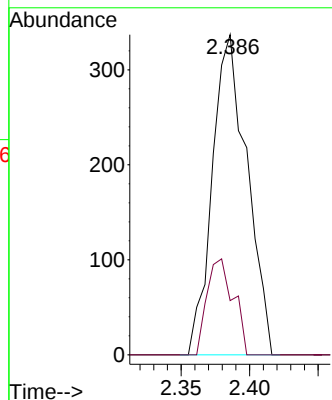
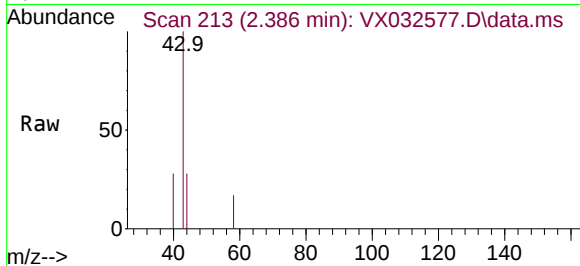




#16
Acetone
Concen: 0.987 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032577.D
Acq: 04 Nov 2022 15:28

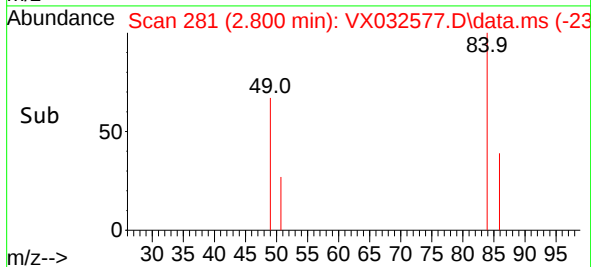
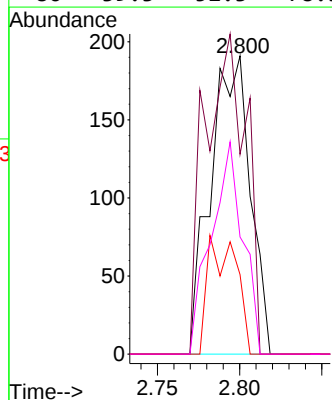
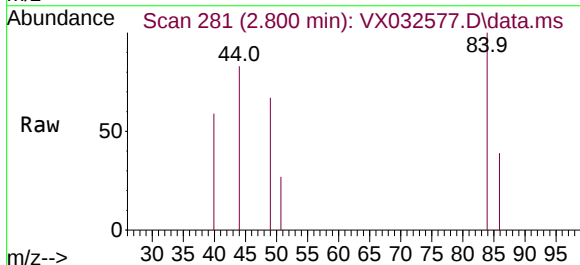
Instrument :
MSVOA_X
ClientSampleId :

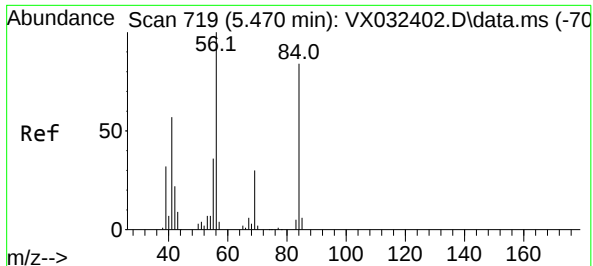
Tgt Ion: 43 Resp: 594
Ion Ratio Lower Upper
43 100
58 16.9 23.8 35.8#



#20
Methylene Chloride
Concen: 0.233 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX032577.D
Acq: 04 Nov 2022 15:28

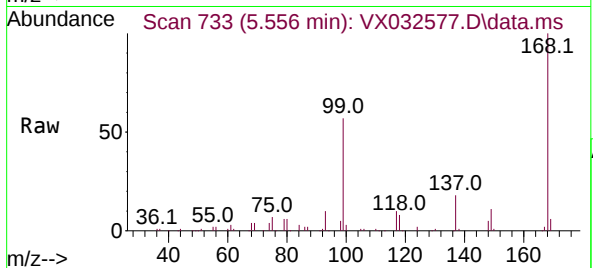
Tgt Ion: 84 Resp: 322
Ion Ratio Lower Upper
84 100
49 67.0 101.0 151.6#
51 26.7 31.1 46.7#
86 39.3 52.3 78.5#



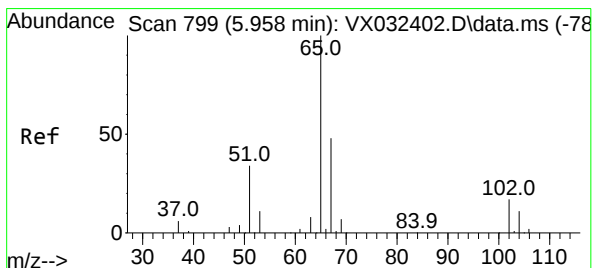
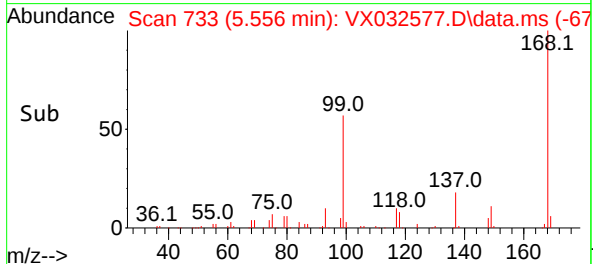
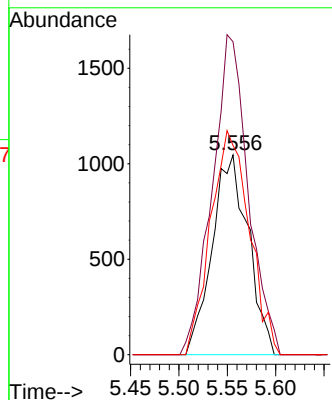


#31
Cyclohexane
Concen: 1.351 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032577.D
Acq: 04 Nov 2022 15:28

Instrument :
MSVOA_X
ClientSampleId :

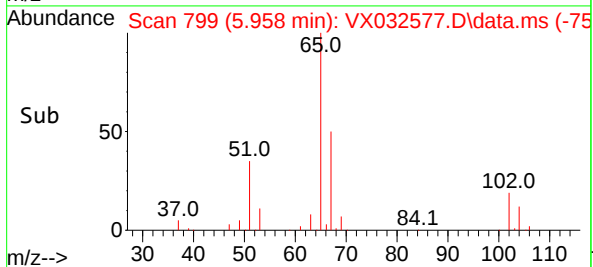
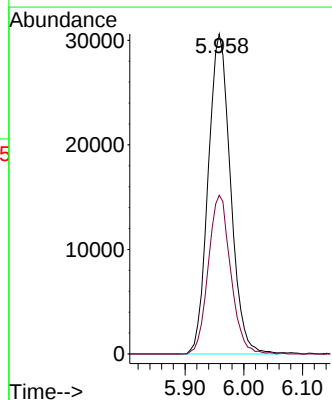
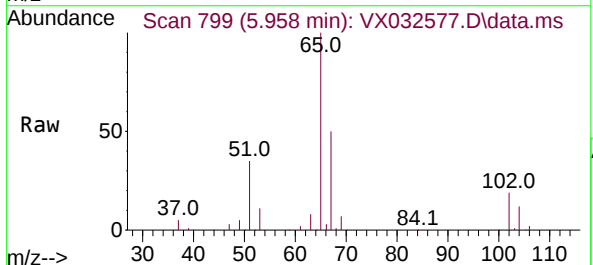


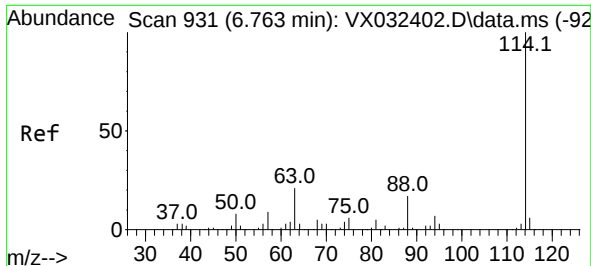
Tgt Ion: 56 Resp: 2713
Ion Ratio Lower Upper
56 100
69 156.7 24.1 36.1#
84 104.8 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 48.827 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032577.D
Acq: 04 Nov 2022 15:28

Tgt Ion: 65 Resp: 80859
Ion Ratio Lower Upper
65 100
67 49.6 0.0 101.8

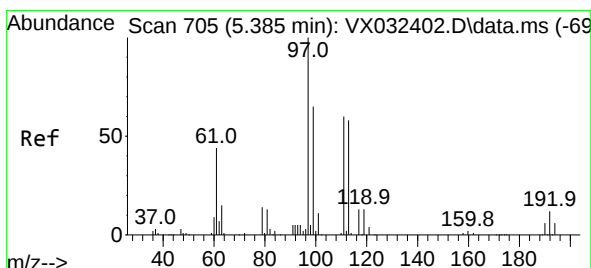
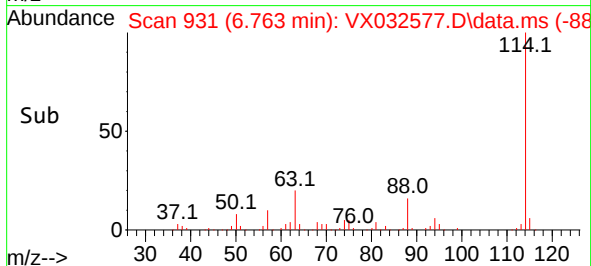
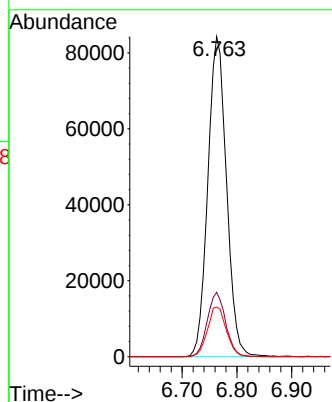
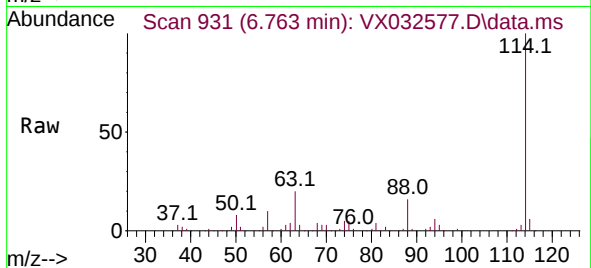




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032577.D
Acq: 04 Nov 2022 15:28

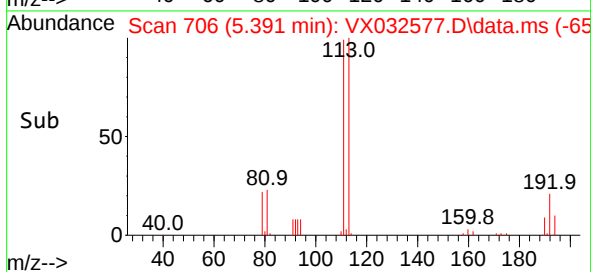
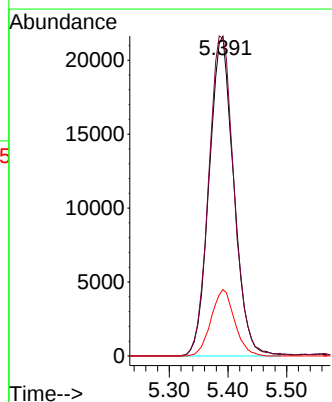
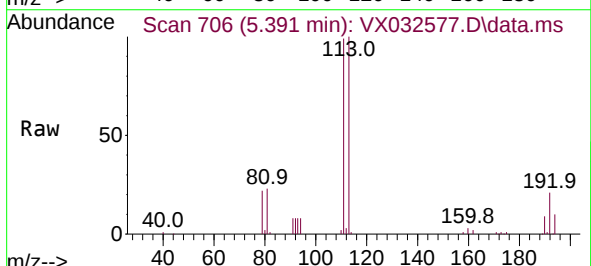
Instrument :
MSVOA_X
ClientSampleId :

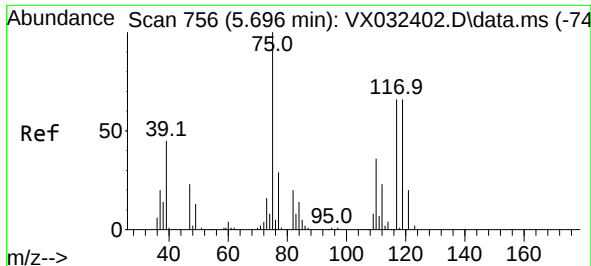
Tgt Ion:114 Resp: 198863
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.6
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 44.382 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032577.D
Acq: 04 Nov 2022 15:28

Tgt Ion:113 Resp: 62957
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 19.9 15.4 23.2

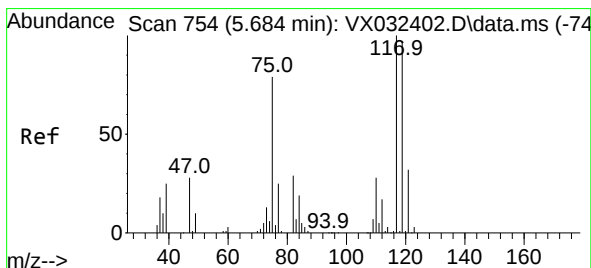
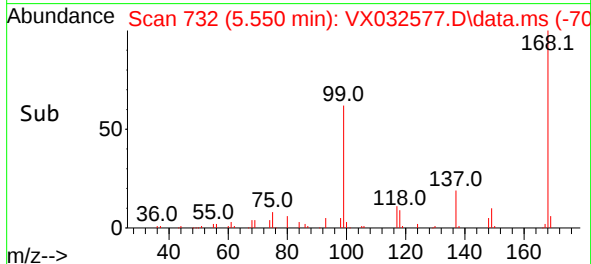
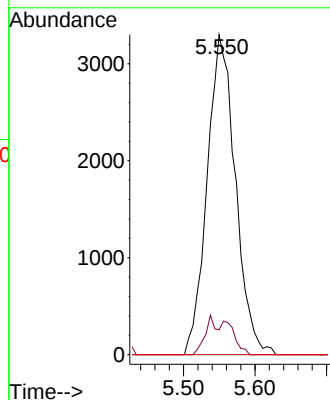
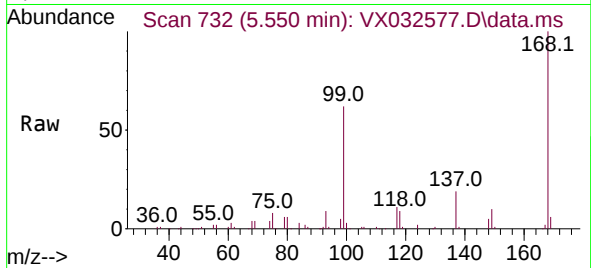




#36
1,1-Dichloropropene
Concen: 4.582 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX032577.D
Acq: 04 Nov 2022 15:28

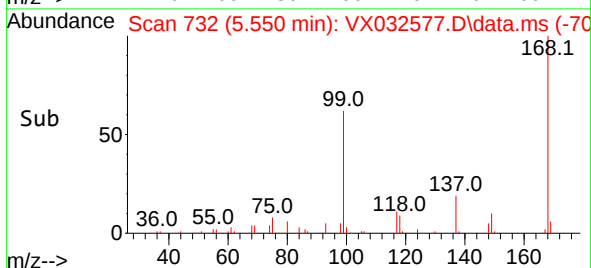
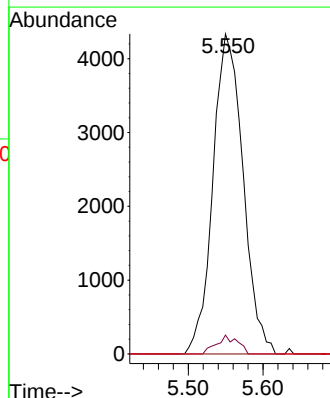
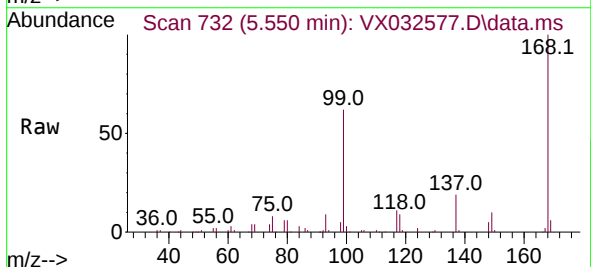
Instrument :
MSVOA_X
ClientSampleId :

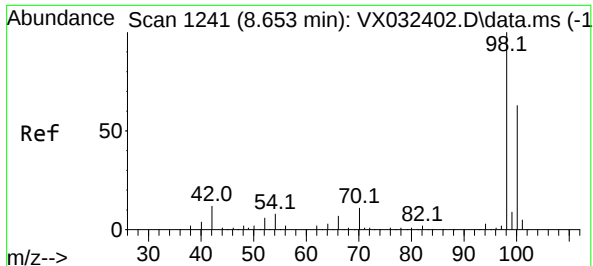
Tgt Ion: 75 Resp: 9051
Ion Ratio Lower Upper
75 100
110 4.9 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.546 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032577.D
Acq: 04 Nov 2022 15:28

Tgt Ion: 117 Resp: 12150
Ion Ratio Lower Upper
117 100
119 5.9 77.2 115.8#
121 0.0 25.8 38.6#

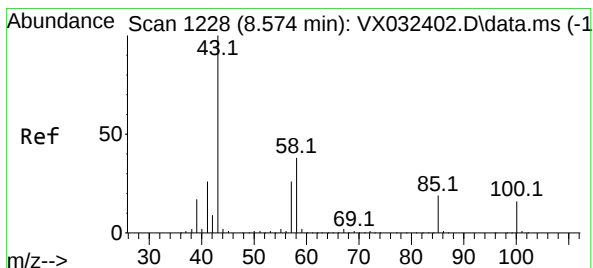
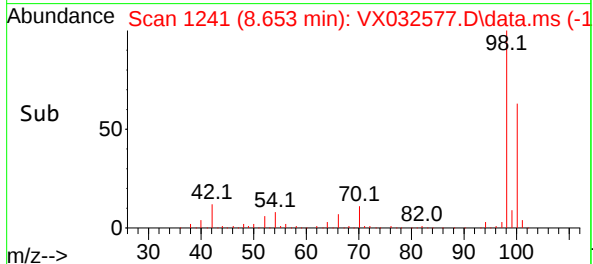
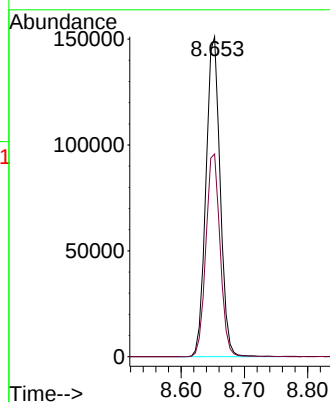
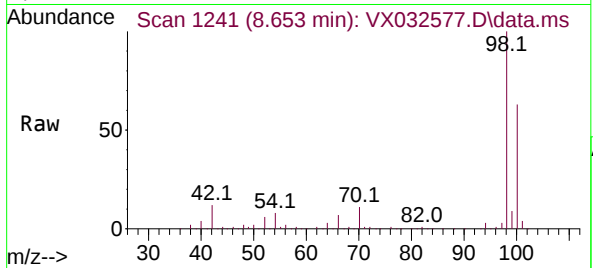




#50
Toluene-d8
Concen: 47.892 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032577.D
Acq: 04 Nov 2022 15:28

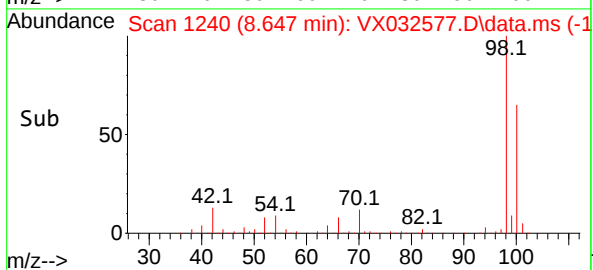
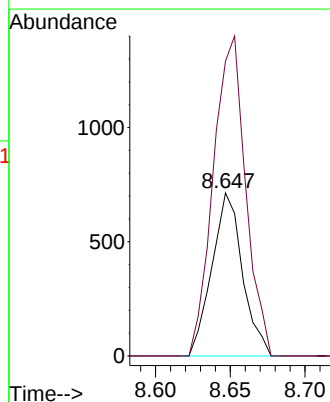
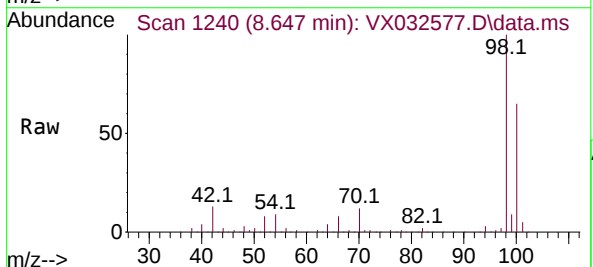
Instrument :
MSVOA_X
ClientSampleId :

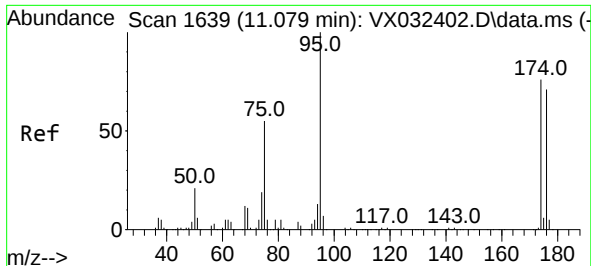
Tgt Ion: 98 Resp: 236227
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.511 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032577.D
Acq: 04 Nov 2022 15:28

Tgt Ion: 43 Resp: 1016
Ion Ratio Lower Upper
43 100
58 206.9 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 47.185 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032577.D

Acq: 04 Nov 2022 15:28

Instrument :

MSVOA_X

ClientSampleId :

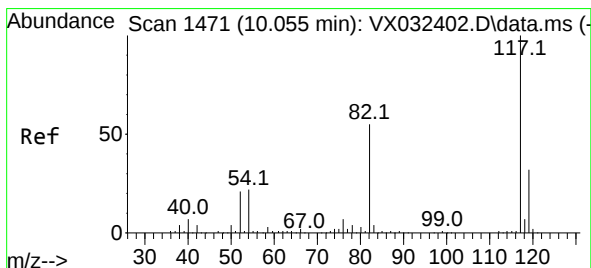
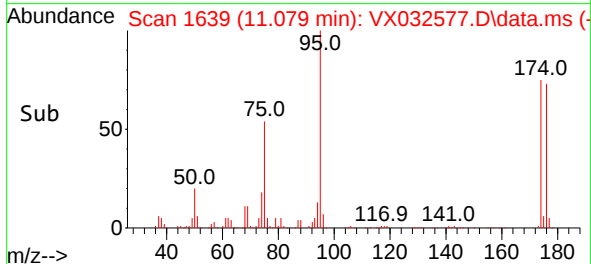
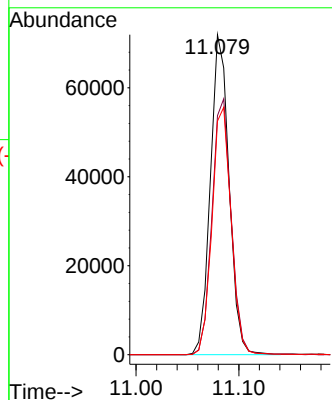
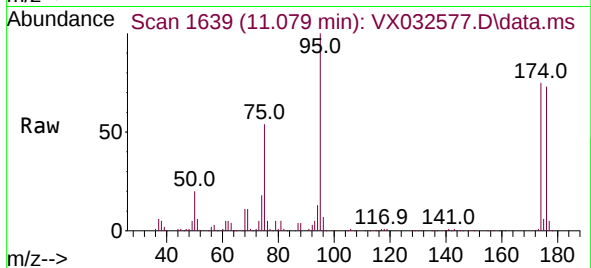
Tgt Ion: 95 Resp: 90914

Ion Ratio Lower Upper

95 100

174 81.8 0.0 164.0

176 79.0 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032577.D

Acq: 04 Nov 2022 15:28

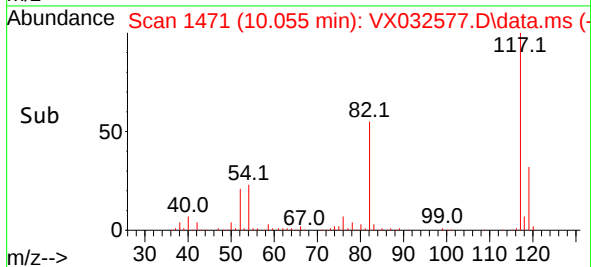
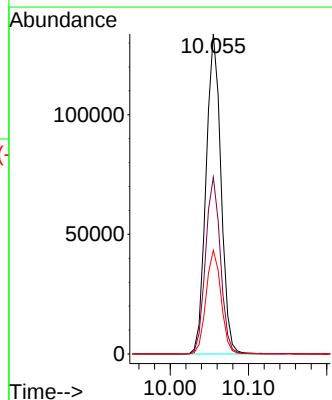
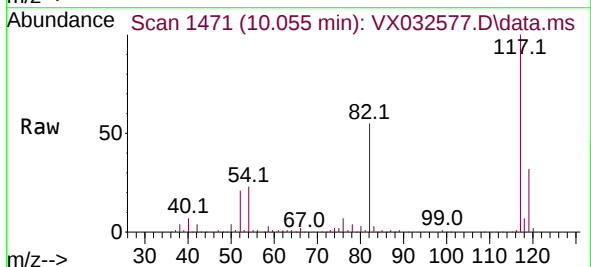
Tgt Ion: 117 Resp: 176665

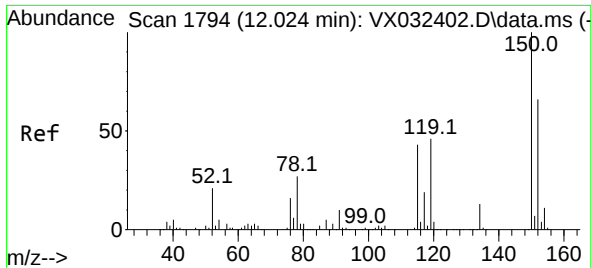
Ion Ratio Lower Upper

117 100

82 55.2 44.3 66.5

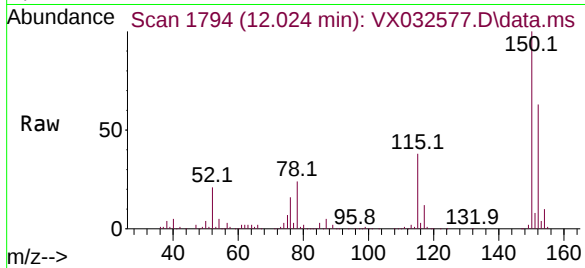
119 32.4 25.7 38.5



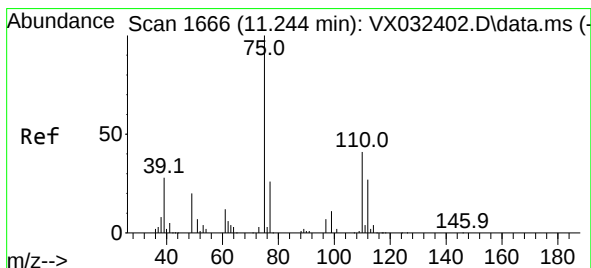
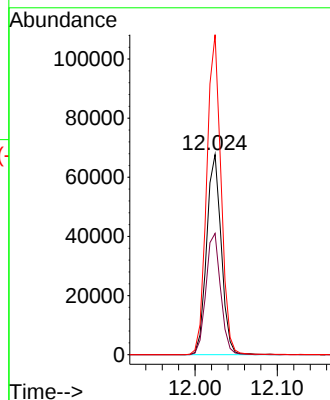
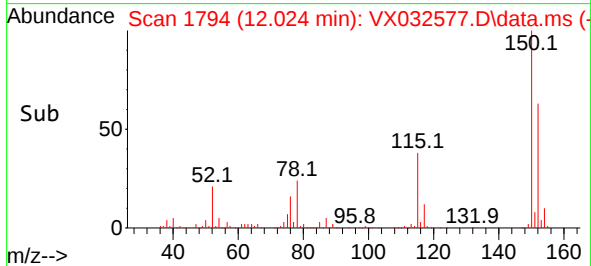


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032577.D
 Acq: 04 Nov 2022 15:28

Instrument :
 MSVOA_X
 ClientSampleId :

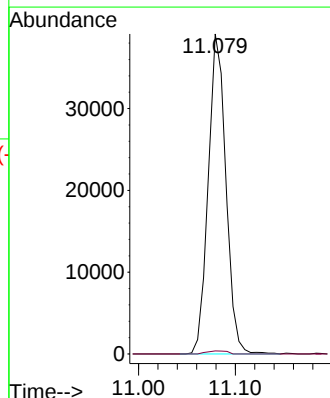
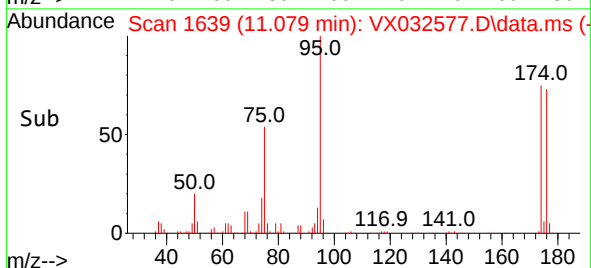
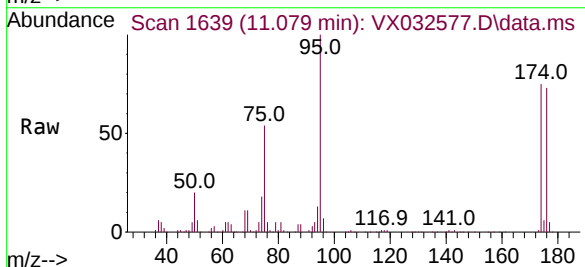


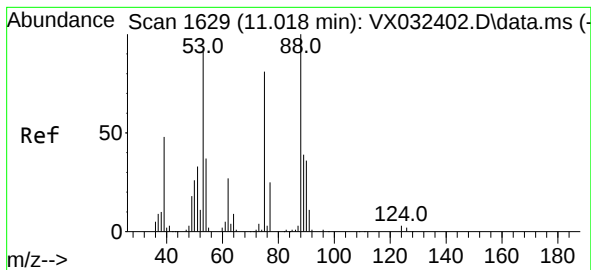
Tgt Ion:152 Resp: 83652
 Ion Ratio Lower Upper
 152 100
 115 60.7 44.0 132.0
 150 156.5 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 26.729 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX032577.D
 Acq: 04 Nov 2022 15:28

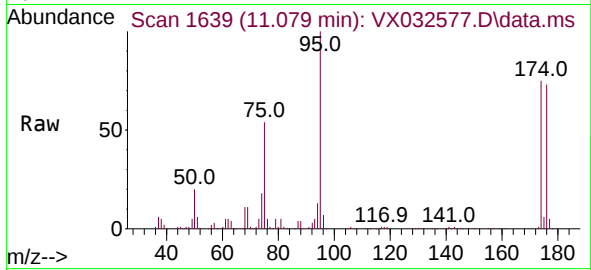
Tgt Ion: 75 Resp: 49745
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.054 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX032577.D
Acq: 04 Nov 2022 15:28

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 49745
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

