

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045282.D
 Acq On : 13 Mar 2025 20:12
 Operator : JC/MD
 Sample : Q1559-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 14 12:30:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

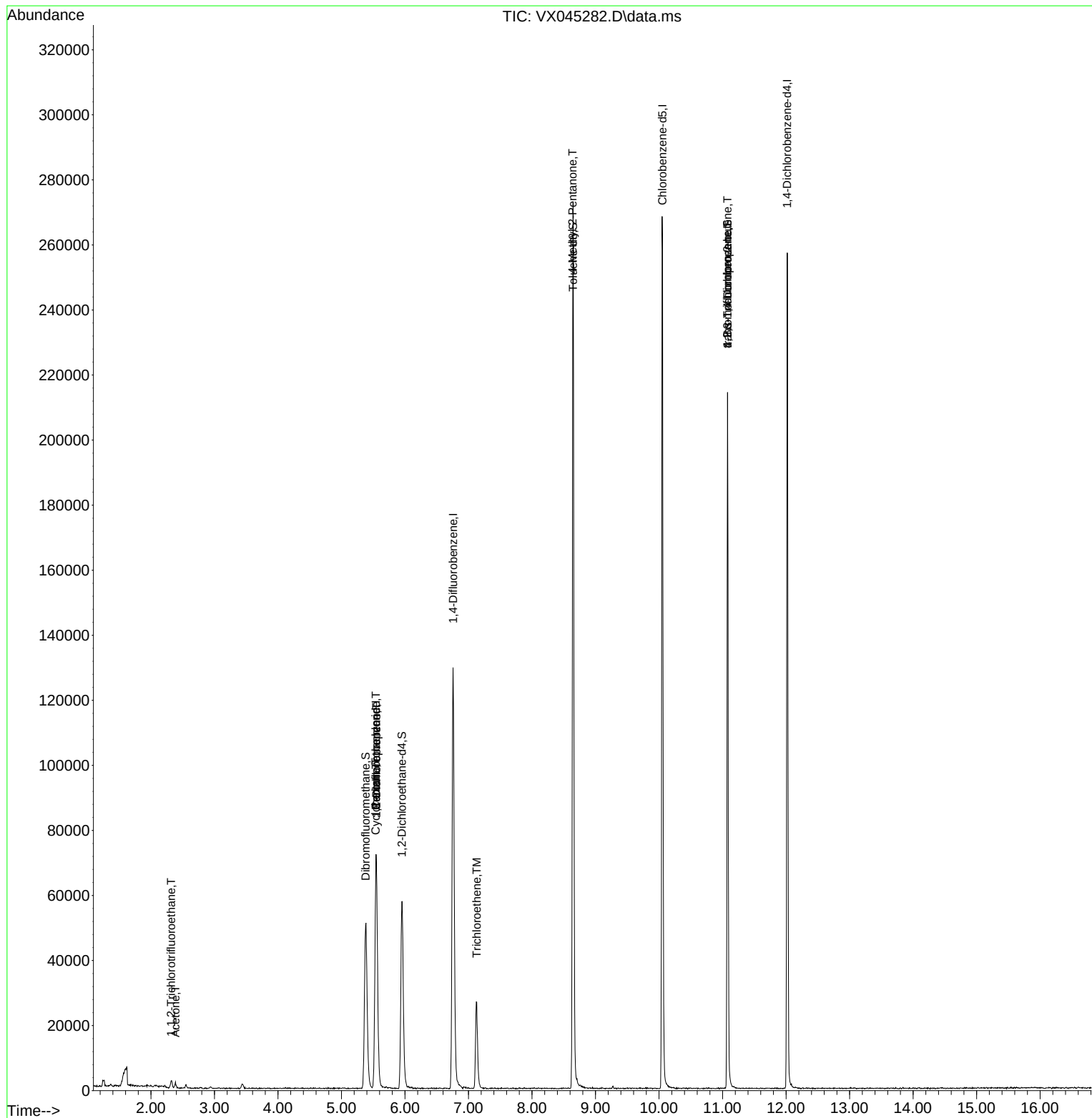
Internal Standards						
1) Pentafluorobenzene	5.544	168	64110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125932	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56440	55.346	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.700%	
35) Dibromofluoromethane	5.379	113	44382	52.706	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.420%	
50) Toluene-d8	8.647	98	156681	51.323	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.640%	
62) 4-Bromofluorobenzene	11.079	95	54299	53.676	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.360%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.318	101	1054	1.415	ug/l	95
16) Acetone	2.386	43	1457	3.079	ug/l	91
31) Cyclohexane	5.537	56	1691	1.219	ug/l #	13
36) 1,1-Dichloropropene	5.550	75	6280	5.438	ug/l #	50
38) Carbon Tetrachloride	5.544	117	6968	5.943	ug/l #	15
44) Trichloroethene	7.129	130	10603	12.383	ug/l	90
51) 4-Methyl-2-Pentanone	8.641	43	811	0.549	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30027	26.222	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	30027	89.736	ug/l #	6

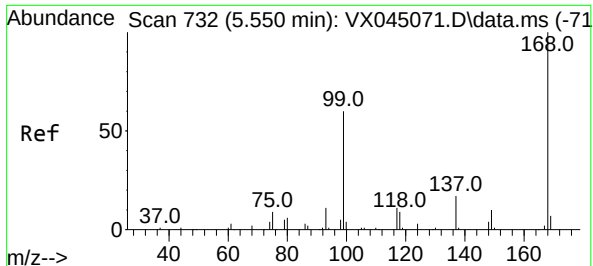
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

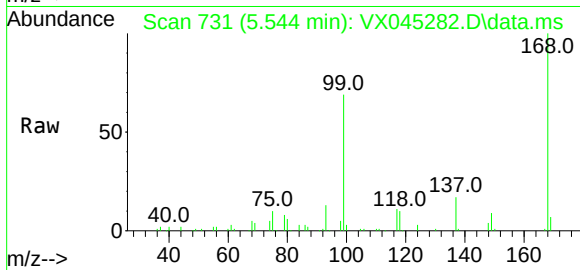
Quant Time: Mar 14 12:30:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



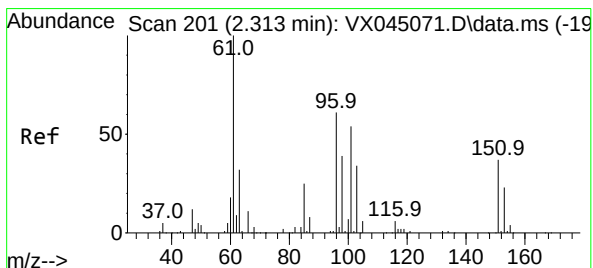
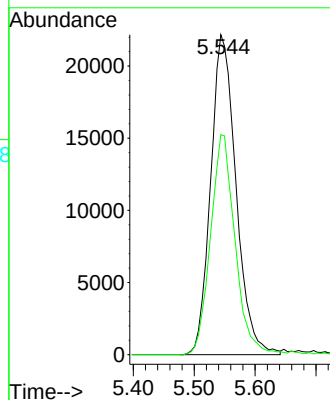
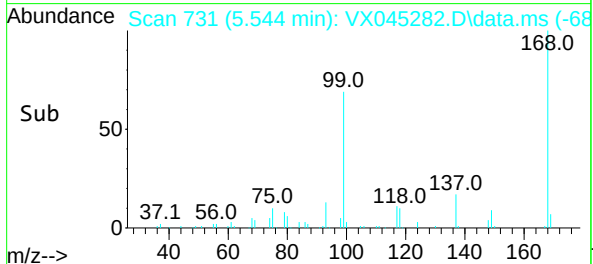


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045282.D
Acq: 13 Mar 2025 20:12

Instrument :
MSVOA_X
ClientSampleId :

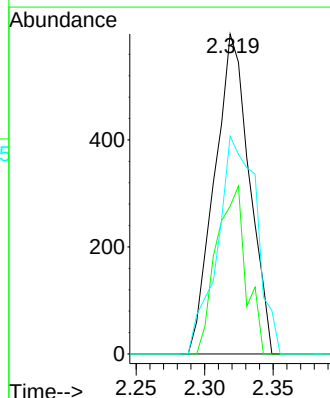
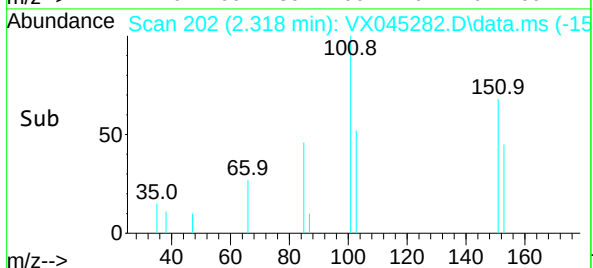
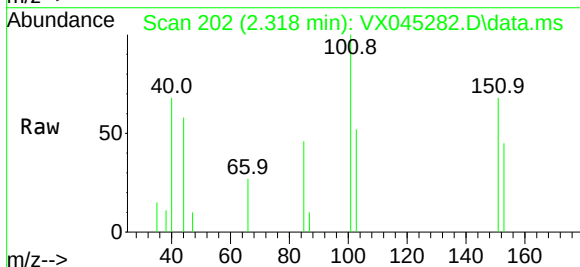


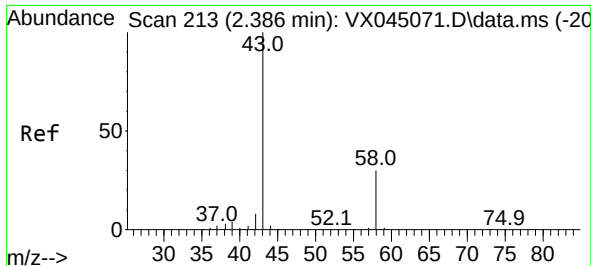
Tgt Ion:168 Resp: 64110
Ion Ratio Lower Upper
168 100
99 68.7 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.415 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045282.D
Acq: 13 Mar 2025 20:12

Tgt Ion:101 Resp: 1054
Ion Ratio Lower Upper
101 100
85 44.7 36.2 54.4
151 76.9 56.4 84.6

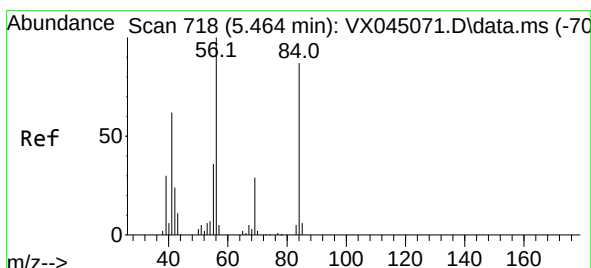
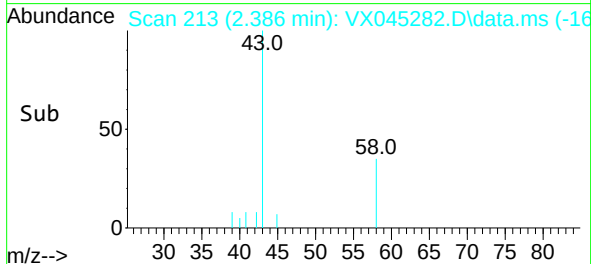
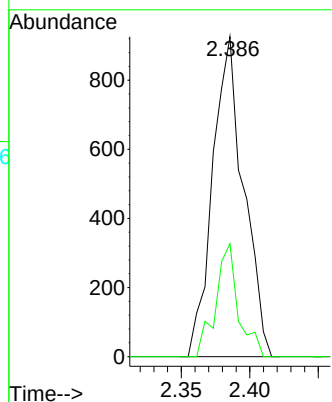
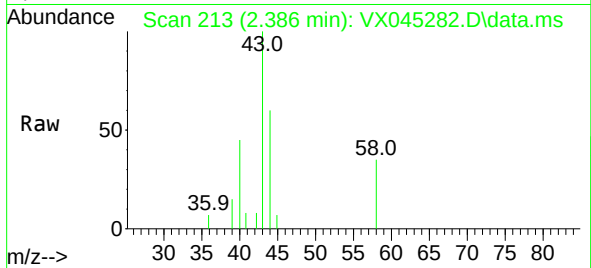




#16
Acetone
Concen: 3.079 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045282.D
Acq: 13 Mar 2025 20:12

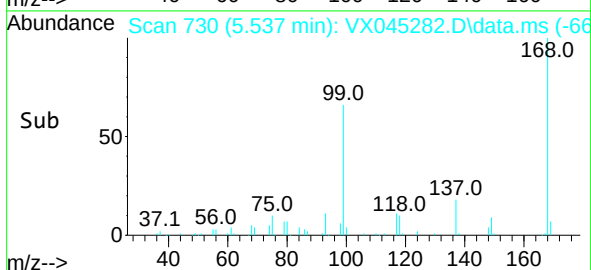
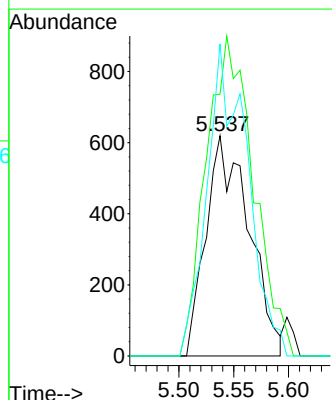
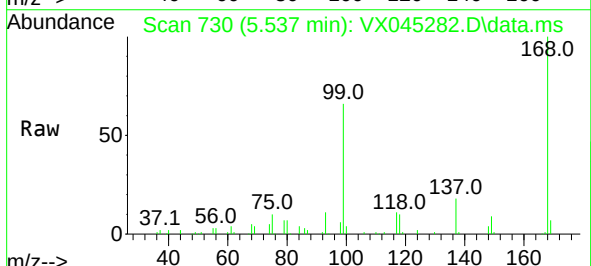
Instrument :
MSVOA_X
ClientSampleId :

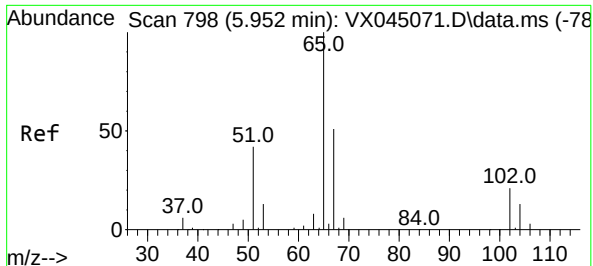
Tgt Ion: 43 Resp: 1457
Ion Ratio Lower Upper
43 100
58 35.3 24.2 36.4



#31
Cyclohexane
Concen: 1.219 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX045282.D
Acq: 13 Mar 2025 20:12

Tgt Ion: 56 Resp: 1691
Ion Ratio Lower Upper
56 100
69 118.9 23.4 35.2#
84 141.8 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 55.346 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045282.D

Acq: 13 Mar 2025 20:12

Instrument :

MSVOA_X

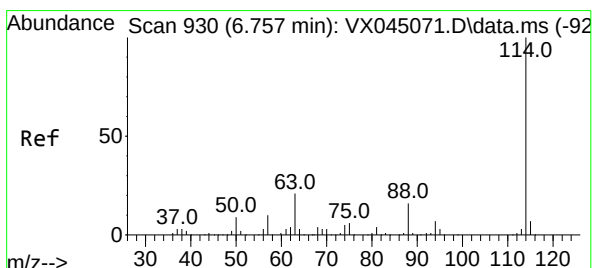
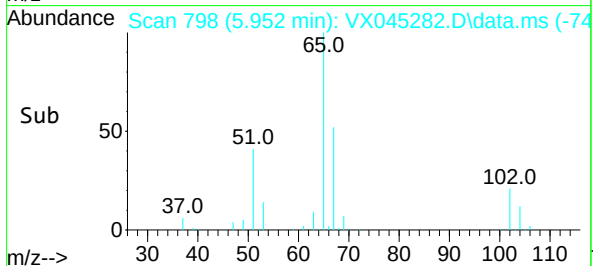
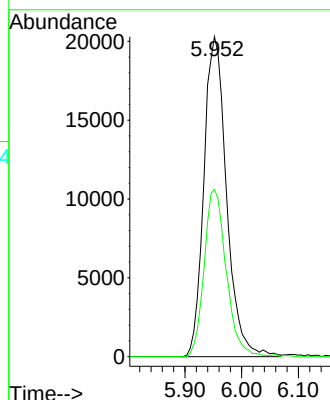
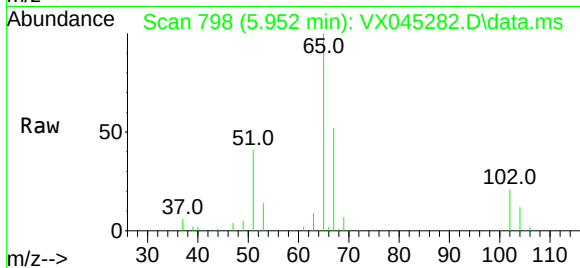
ClientSampleId :

Tgt Ion: 65 Resp: 56440

Ion Ratio Lower Upper

65 100

67 50.7 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045282.D

Acq: 13 Mar 2025 20:12

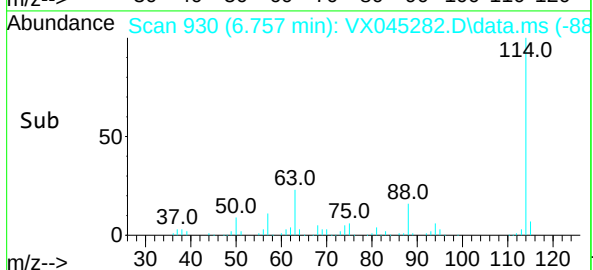
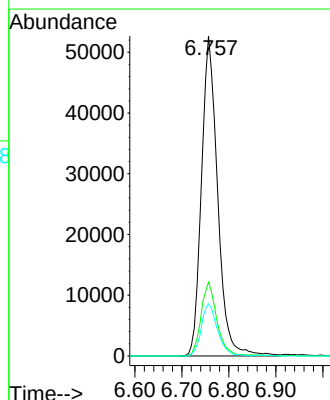
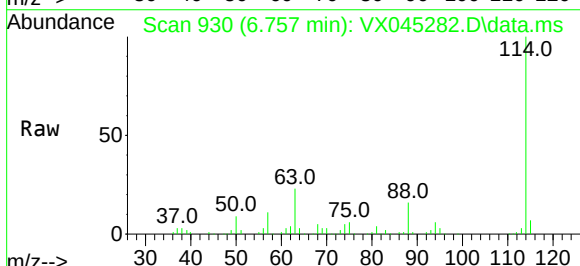
Tgt Ion: 114 Resp: 125932

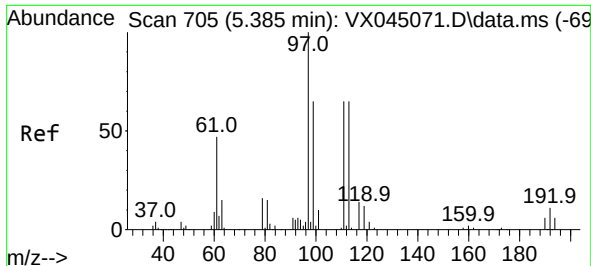
Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.8

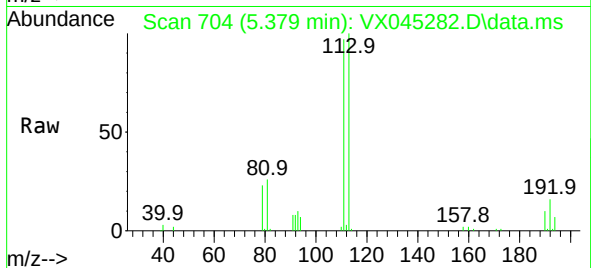
88 16.3 0.0 32.8



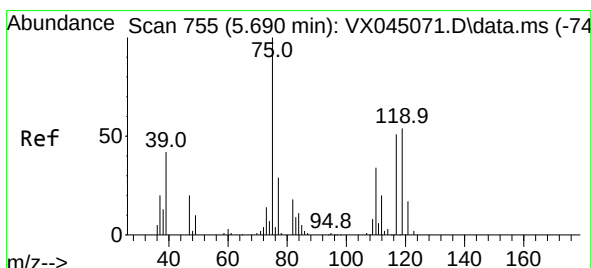
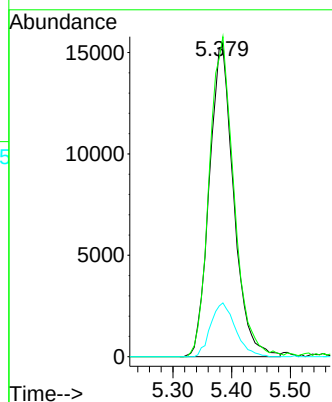
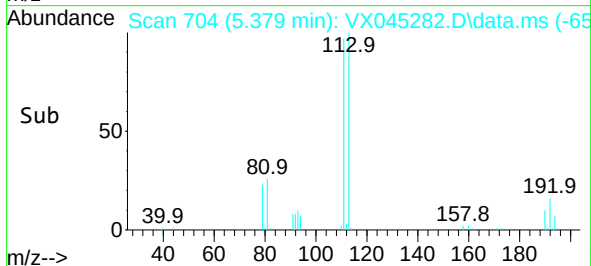


#35
Dibromofluoromethane
Concen: 52.706 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045282.D
Acq: 13 Mar 2025 20:12

Instrument :
MSVOA_X
ClientSampleId :

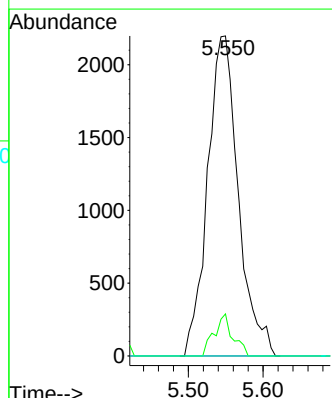
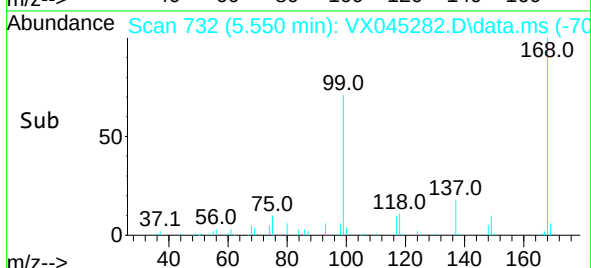
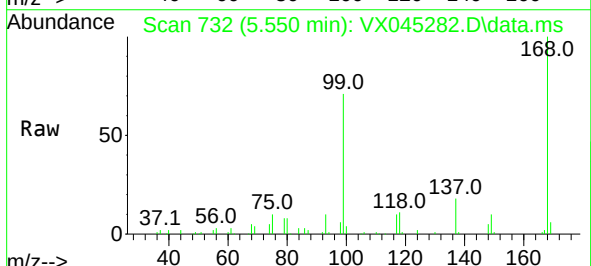


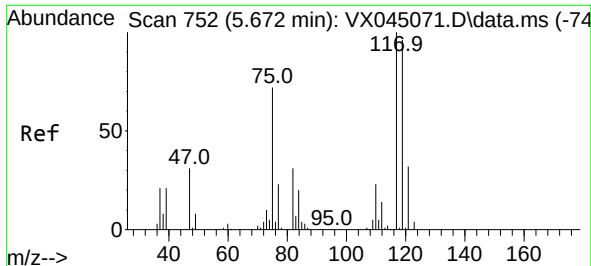
Tgt Ion:113 Resp: 44382
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.6
192 17.5 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.438 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX045282.D
Acq: 13 Mar 2025 20:12

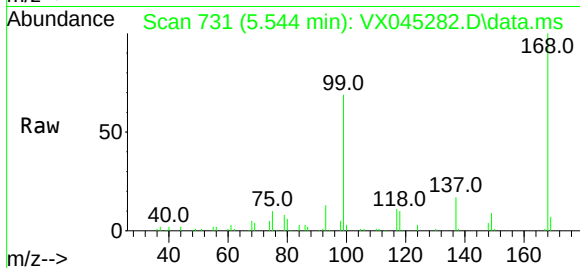
Tgt Ion: 75 Resp: 6280
Ion Ratio Lower Upper
75 100
110 7.9 16.9 50.6#
77 0.0 24.5 36.7#



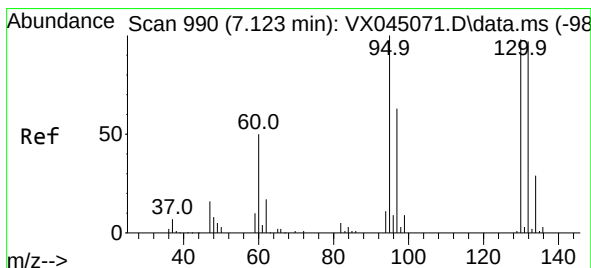
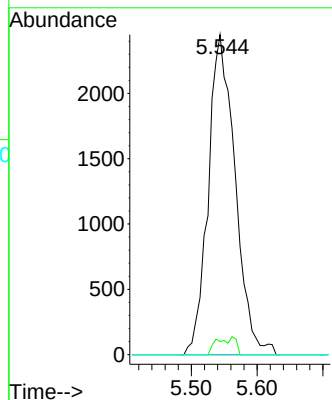
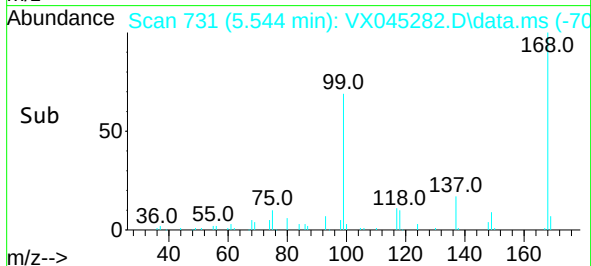


#38
Carbon Tetrachloride
Concen: 5.943 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX045282.D
Acq: 13 Mar 2025 20:12

Instrument :
MSVOA_X
ClientSampleId :

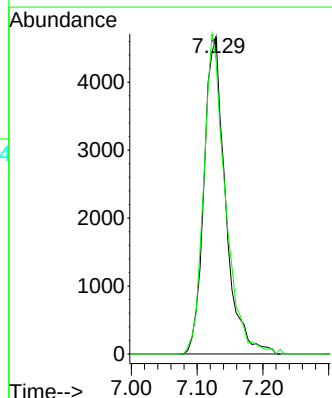
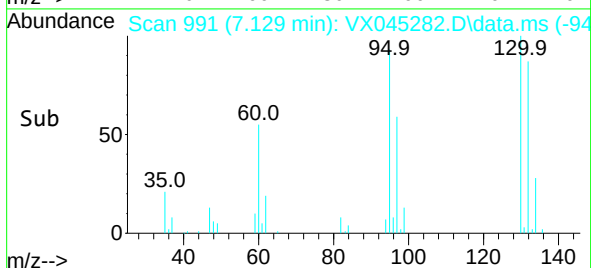
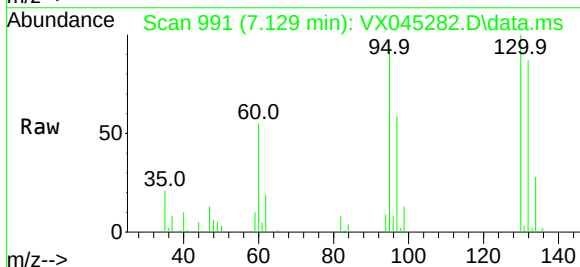


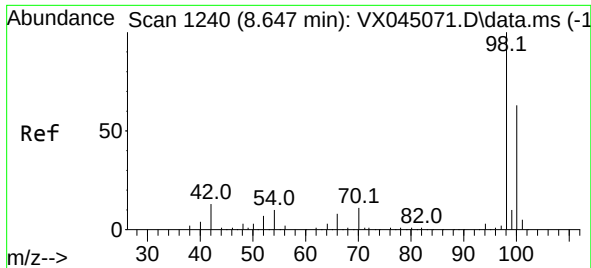
Tgt Ion:117 Resp: 6968
Ion Ratio Lower Upper
117 100
119 4.1 76.7 115.1#
121 0.0 25.5 38.3#



#44
Trichloroethene
Concen: 12.383 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045282.D
Acq: 13 Mar 2025 20:12

Tgt Ion:130 Resp: 10603
Ion Ratio Lower Upper
130 100
95 92.7 0.0 205.0

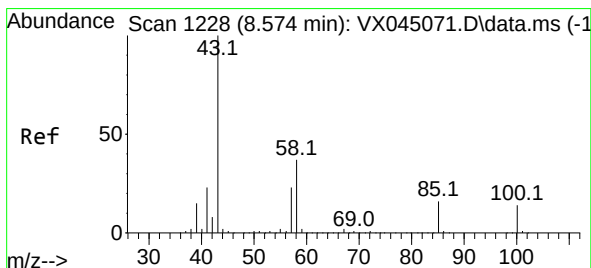
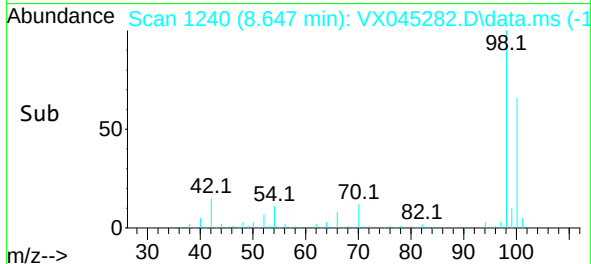
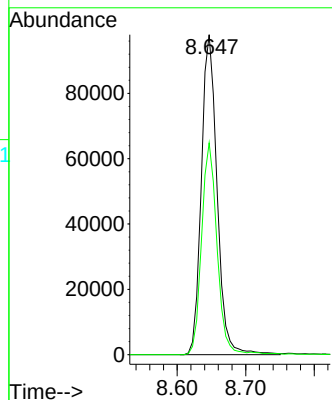
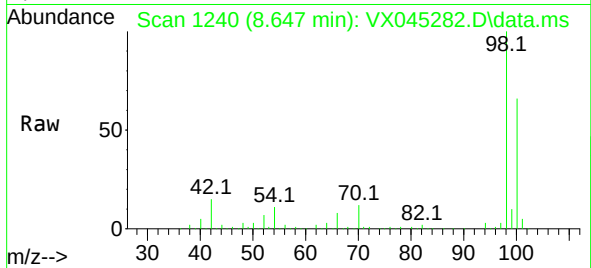




#50
Toluene-d8
Concen: 51.323 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045282.D
Acq: 13 Mar 2025 20:12

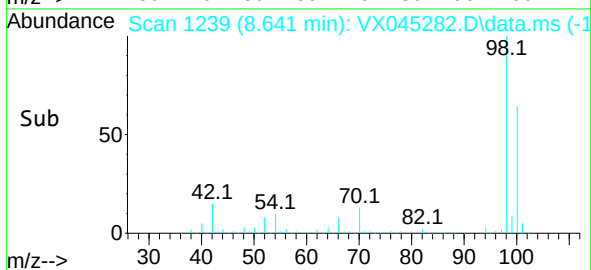
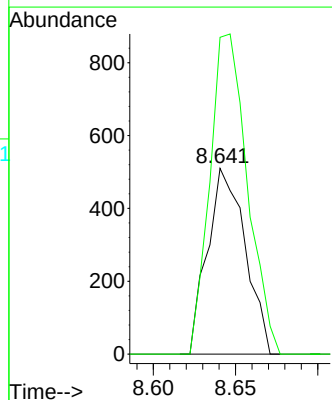
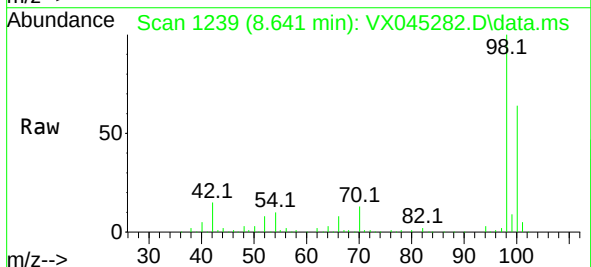
Instrument :
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ClientSampleId :

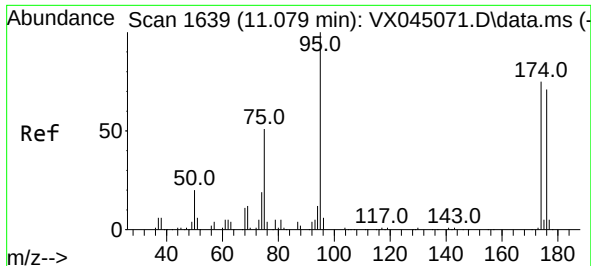
Tgt Ion: 98 Resp: 156681
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.549 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045282.D
Acq: 13 Mar 2025 20:12

Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
58 172.1 29.2 43.8#

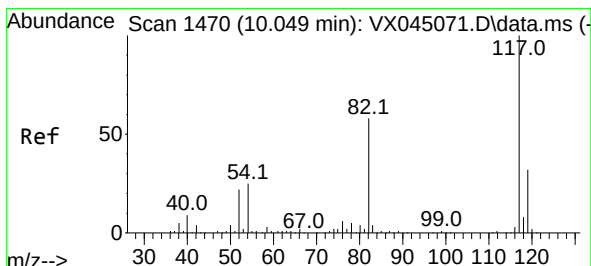
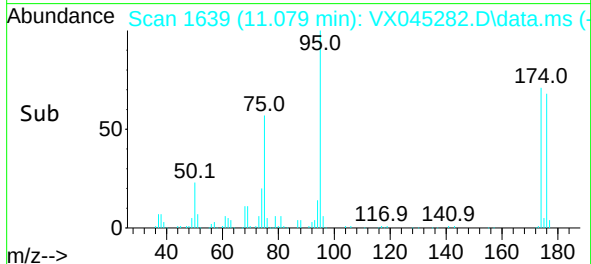
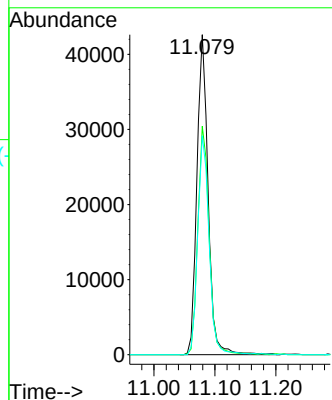
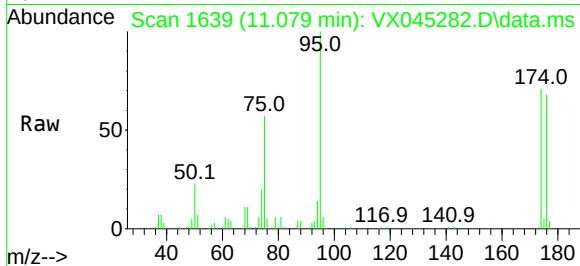




#62
4-Bromofluorobenzene
Concen: 53.676 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045282.D
Acq: 13 Mar 2025 20:12

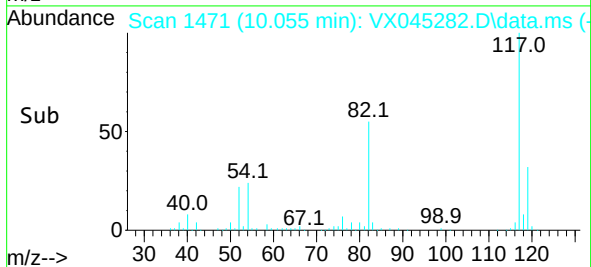
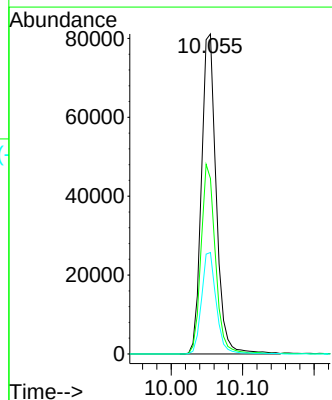
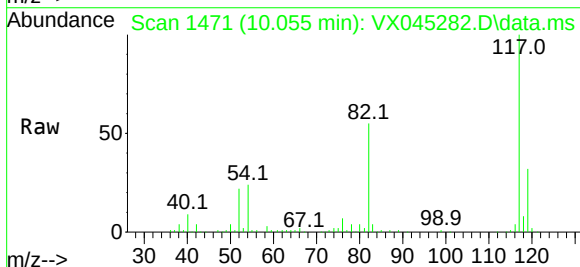
Instrument :
MSVOA_X
ClientSampleId :

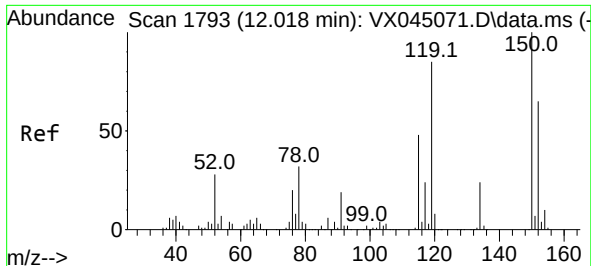
Tgt Ion: 95 Resp: 54299
Ion Ratio Lower Upper
95 100
174 72.4 0.0 148.2
176 69.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045282.D
Acq: 13 Mar 2025 20:12

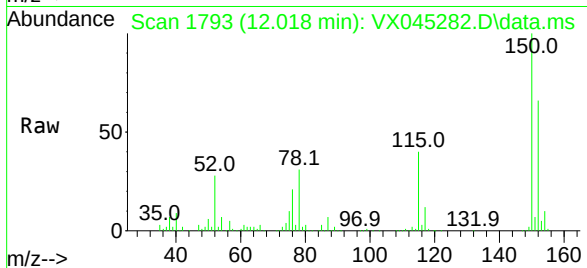
Tgt Ion: 117 Resp: 116455
Ion Ratio Lower Upper
117 100
82 54.9 46.3 69.5
119 31.7 25.7 38.5



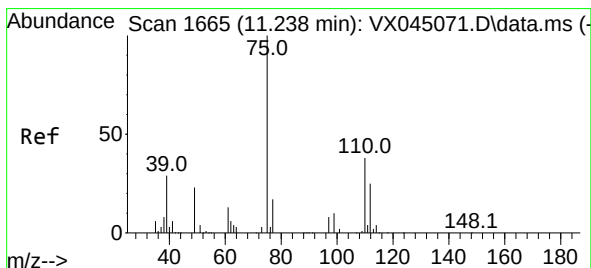
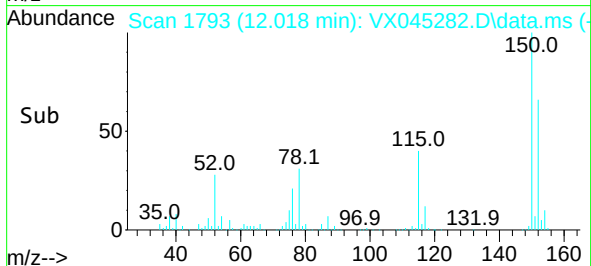
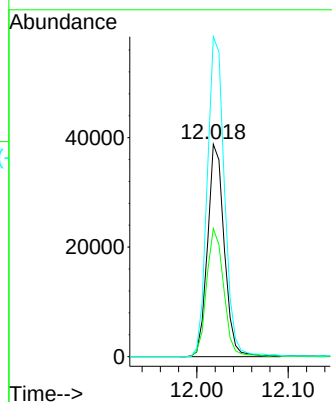


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045282.D
 Acq: 13 Mar 2025 20:12

Instrument :
 MSVOA_X
 ClientSampleId :

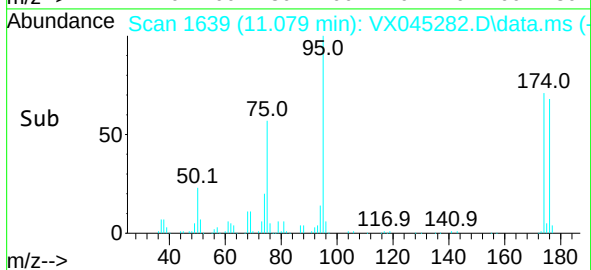
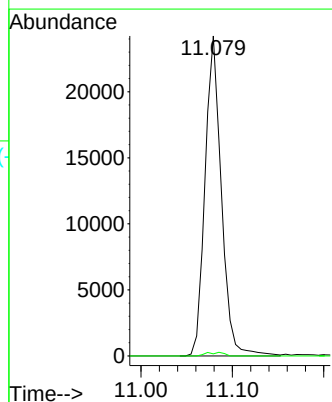
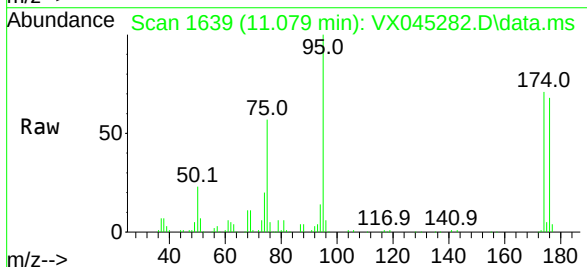


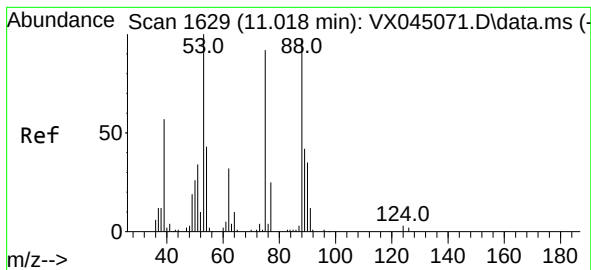
Tgt Ion:152 Resp: 49199
 Ion Ratio Lower Upper
 152 100
 115 61.6 44.2 132.6
 150 155.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.222 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045282.D
 Acq: 13 Mar 2025 20:12

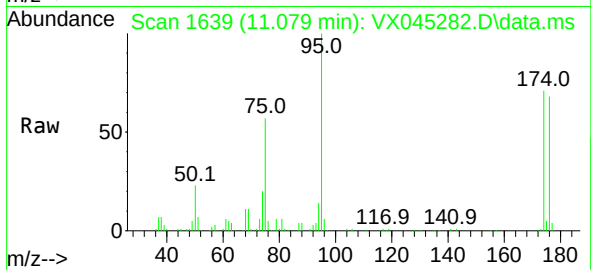
Tgt Ion: 75 Resp: 30027
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.736 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045282.D
Acq: 13 Mar 2025 20:12

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 30027
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

