

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020325\
 Data File : VX044804.D
 Acq On : 03 Feb 2025 10:44
 Operator : JC/MD
 Sample : VX0203WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 04 02:05:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

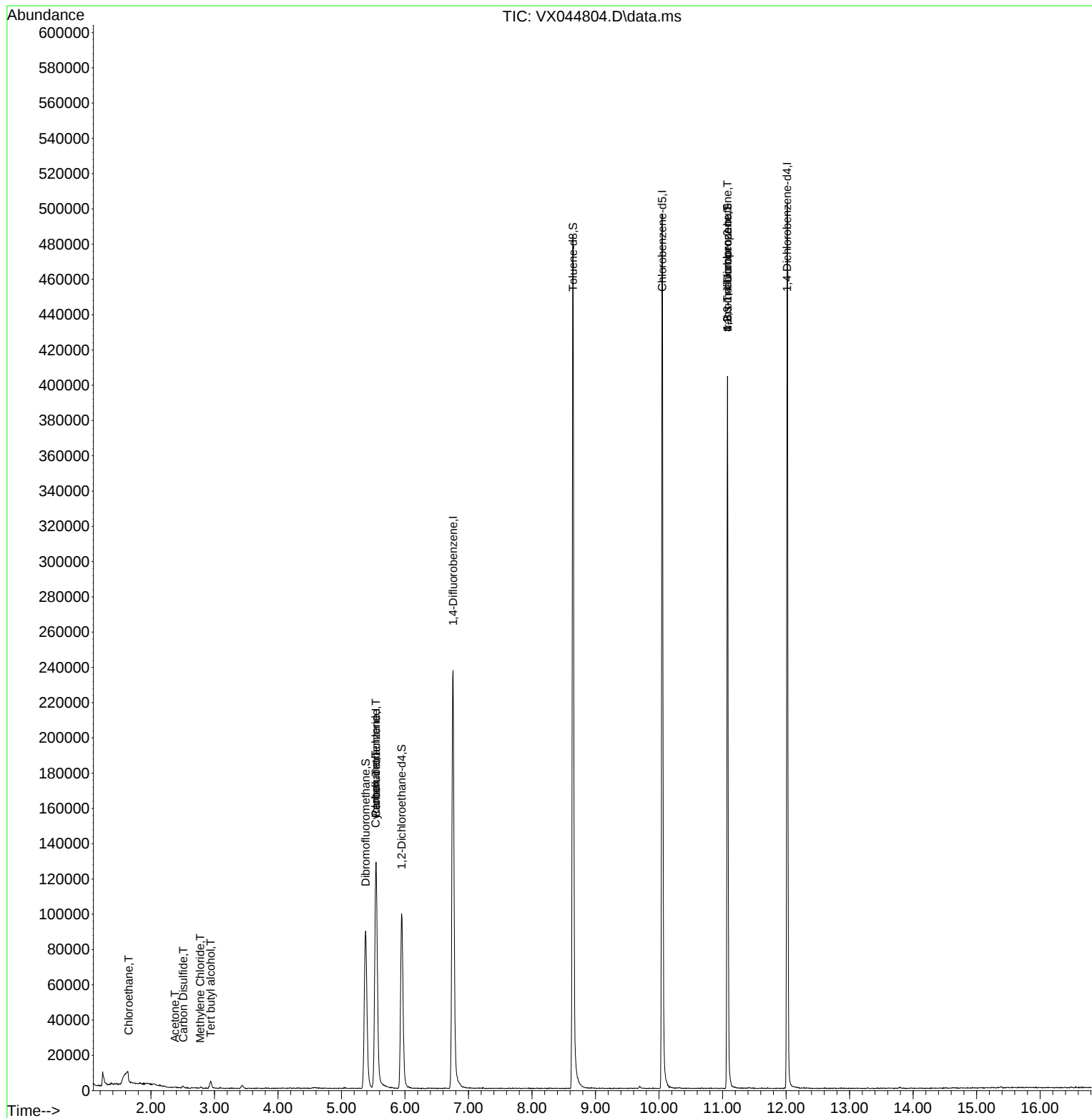
Internal Standards						
1) Pentafluorobenzene	5.544	168	124993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	257688	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	232979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	91752	48.632	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	97.260%	
35) Dibromofluoromethane	5.379	113	82089	50.144	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.280%	
50) Toluene-d8	8.647	98	315174	55.215	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	110.440%	
62) 4-Bromofluorobenzene	11.079	95	112520	52.878	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	105.760%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.648	64	118	0.358	ug/l #	41
11) Tert butyl alcohol	2.940	59	1899	4.515	ug/l #	89
16) Acetone	2.380	43	582	0.780	ug/l #	44
17) Carbon Disulfide	2.508	76	1056	0.264	ug/l	99
20) Methylene Chloride	2.776	84	407	0.234	ug/l #	43
31) Cyclohexane	5.538	56	2818	1.186	ug/l #	1
38) Carbon Tetrachloride	5.544	117	13424	5.237	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	56010	22.872	ug/l #	32
81) trans-1,4-Dichloro-2-b...	11.079	75	56010	52.306	ug/l #	12

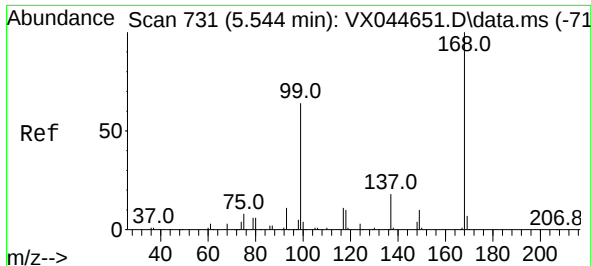
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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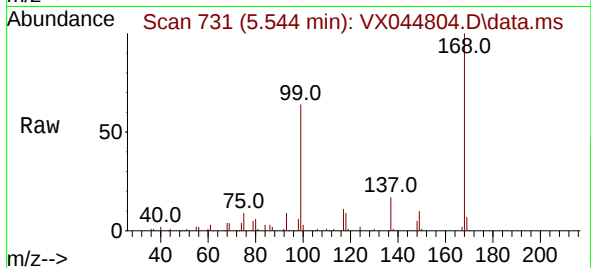
Quant Time: Feb 04 02:05:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration



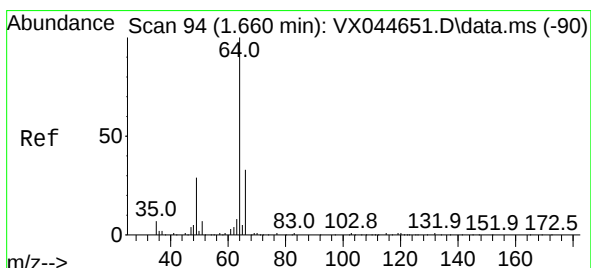
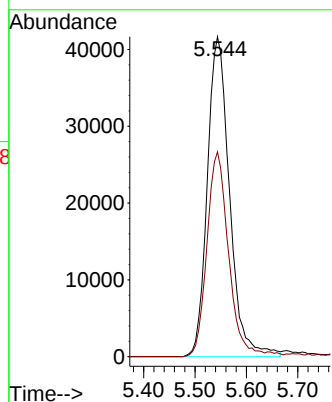
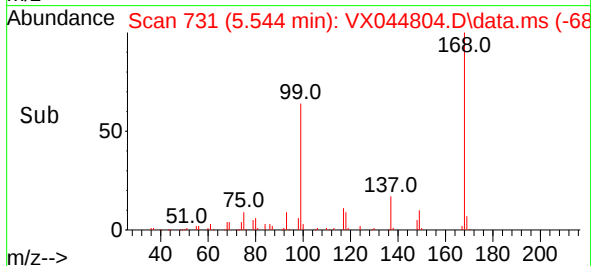


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044804.D
Acq: 03 Feb 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :

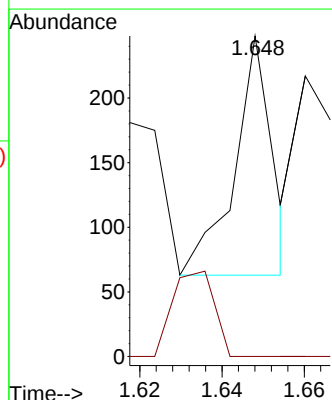
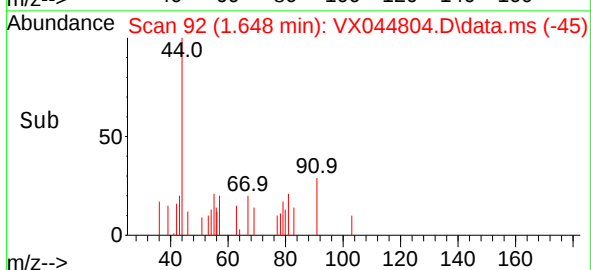
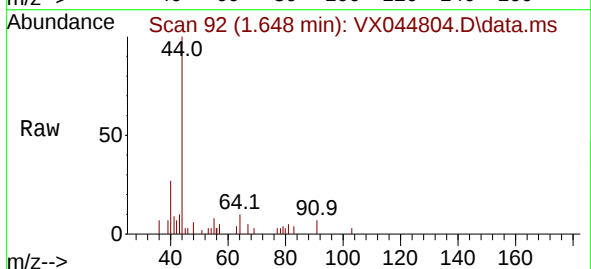


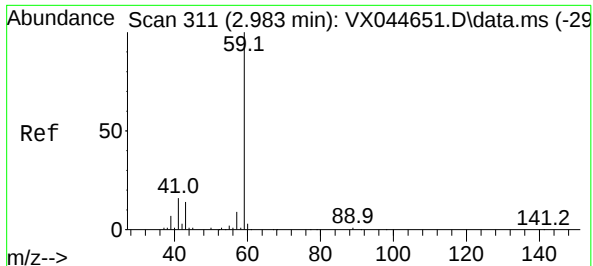
Tgt Ion:168 Resp: 124993
Ion Ratio Lower Upper
168 100
99 64.0 51.1 76.7



#6
Chloroethane
Concen: 0.358 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.012 min
Lab File: VX044804.D
Acq: 03 Feb 2025 10:44

Tgt Ion: 64 Resp: 118
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#





#11

Tert butyl alcohol

Concen: 4.515 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.043 min

Lab File: VX044804.D

Acq: 03 Feb 2025 10:44

Instrument :

MSVOA_X

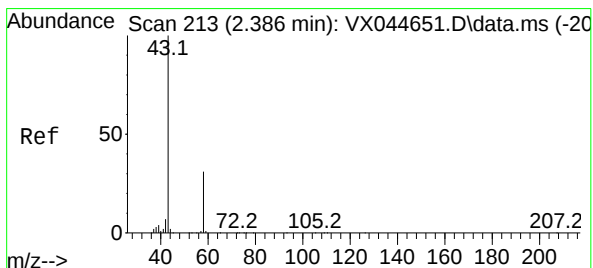
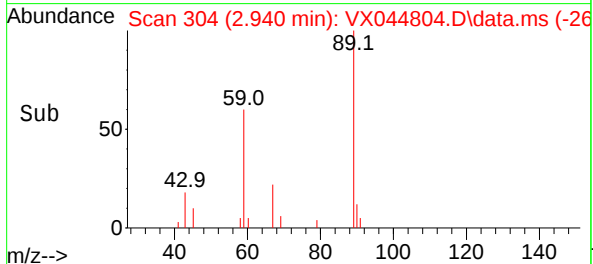
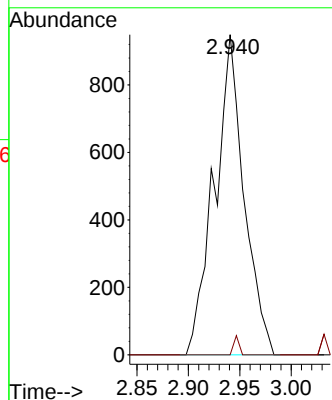
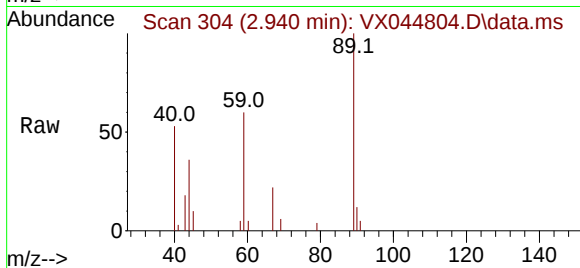
ClientSampleId :

Tgt Ion: 59 Resp: 1899

Ion Ratio Lower Upper

59 100

57 1.1 3.9 5.9#



#16

Acetone

Concen: 0.780 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX044804.D

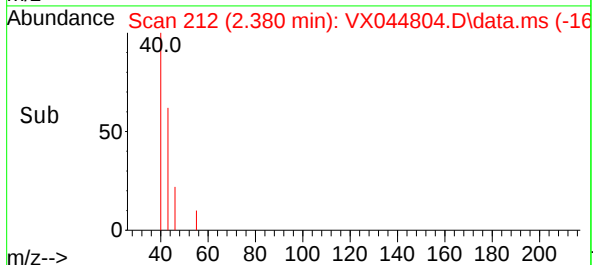
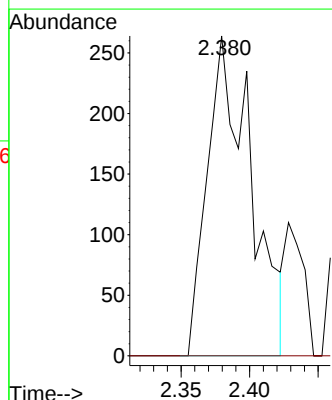
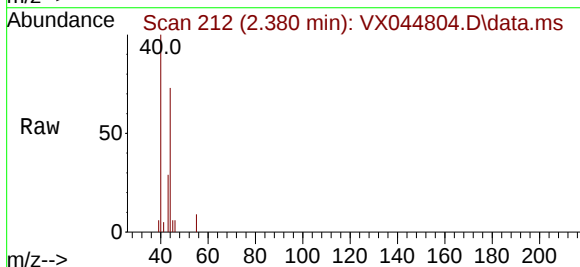
Acq: 03 Feb 2025 10:44

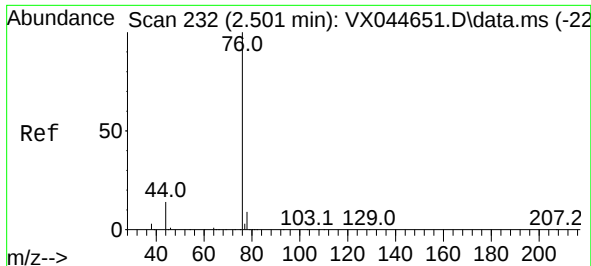
Tgt Ion: 43 Resp: 582

Ion Ratio Lower Upper

43 100

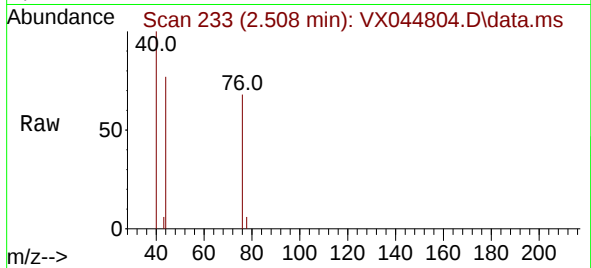
58 0.0 24.6 37.0#



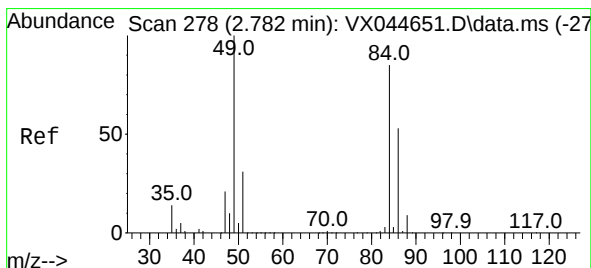
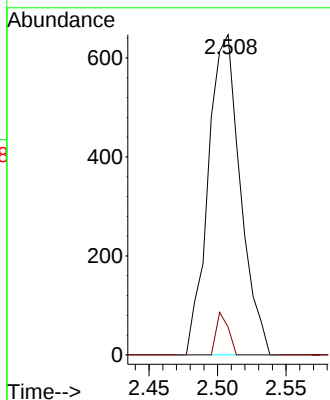
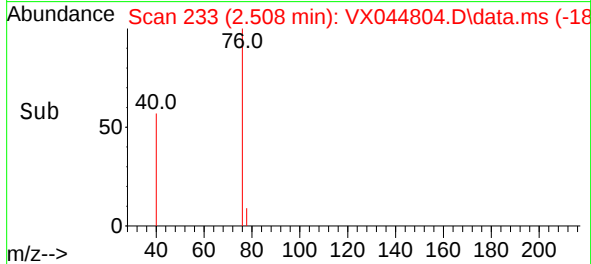


#17
Carbon Disulfide
Concen: 0.264 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044804.D
Acq: 03 Feb 2025 10:44

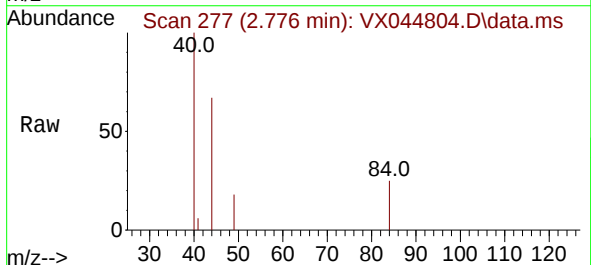
Instrument :
MSVOA_X
ClientSampleId :



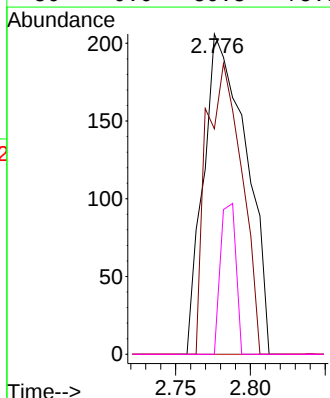
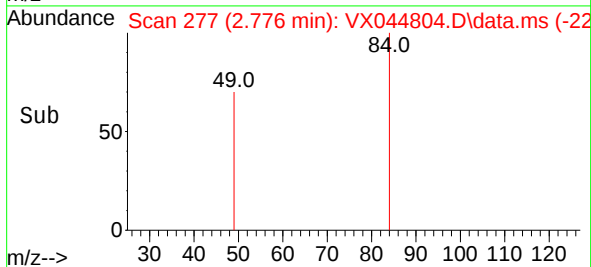
Tgt Ion: 76 Resp: 1056
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

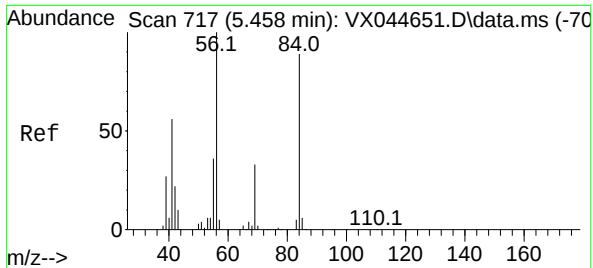


#20
Methylene Chloride
Concen: 0.234 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX044804.D
Acq: 03 Feb 2025 10:44



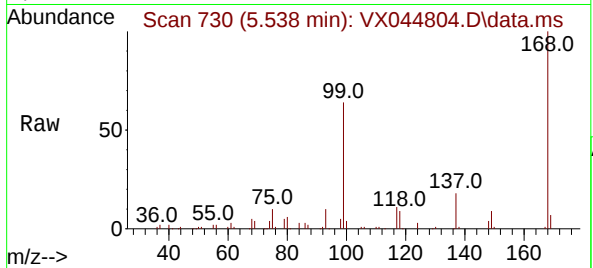
Tgt Ion: 84 Resp: 407
Ion Ratio Lower Upper
84 100
49 70.4 94.2 141.4#
51 0.0 28.8 43.2#
86 0.0 50.3 75.5#



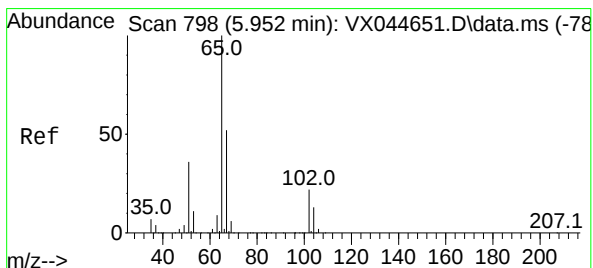
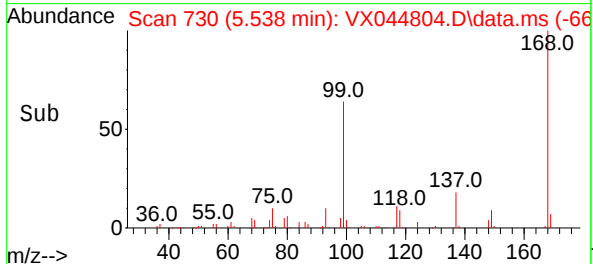
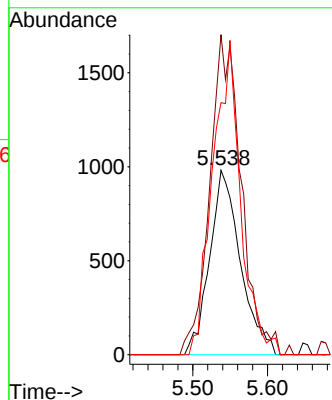


#31
Cyclohexane
Concen: 1.186 ug/l
RT: 5.538 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX044804.D
Acq: 03 Feb 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :

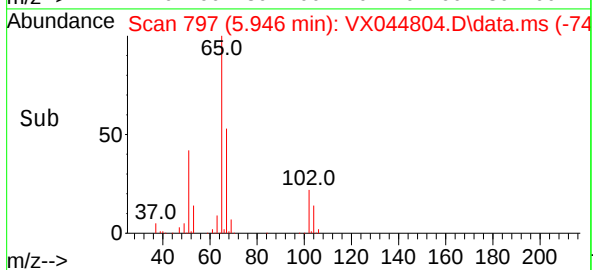
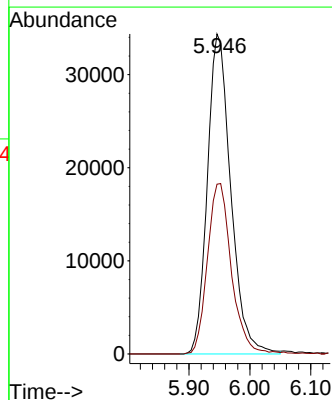
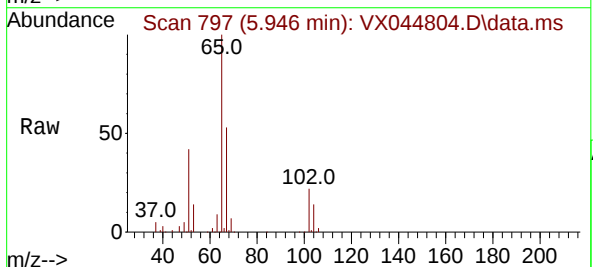


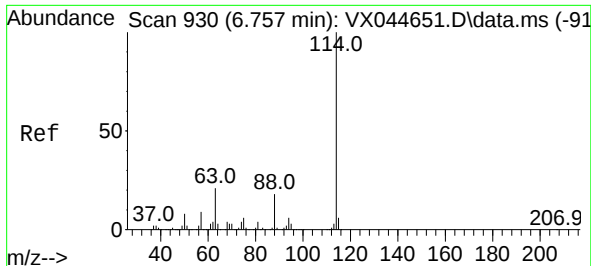
Tgt Ion: 56 Resp: 2818
Ion Ratio Lower Upper
56 100
69 173.6 26.8 40.2#
84 136.7 71.0 106.4#



#33
1,2-Dichloroethane-d4
Concen: 48.632 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044804.D
Acq: 03 Feb 2025 10:44

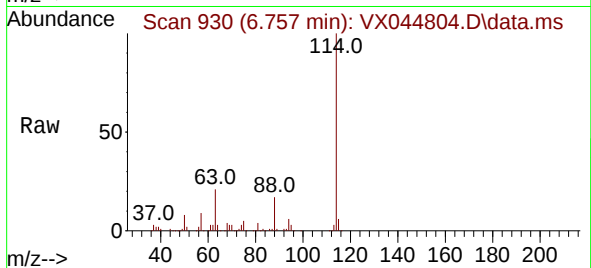
Tgt Ion: 65 Resp: 91752
Ion Ratio Lower Upper
65 100
67 54.6 0.0 103.4



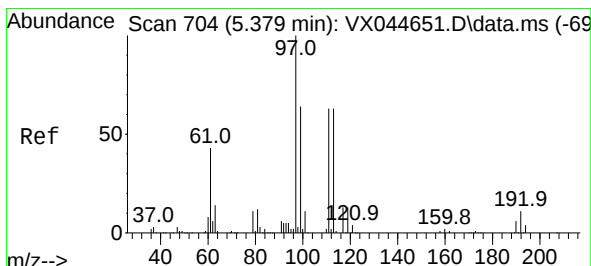
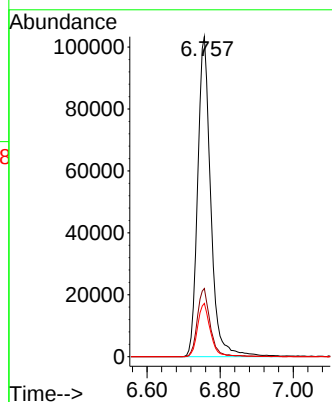
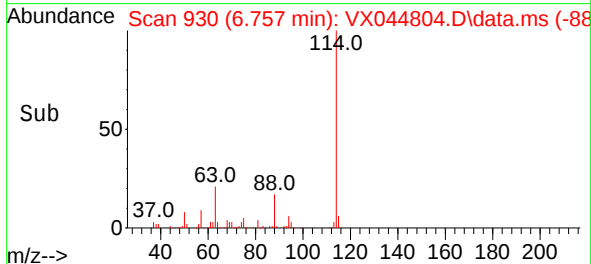


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044804.D
Acq: 03 Feb 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :

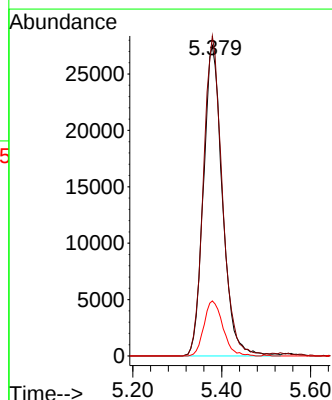
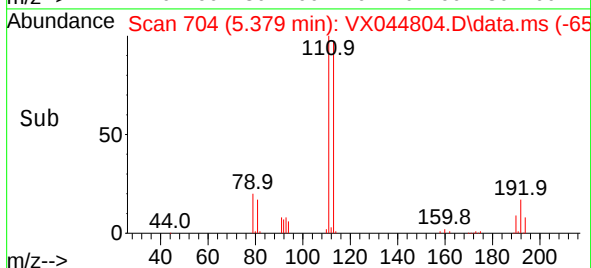
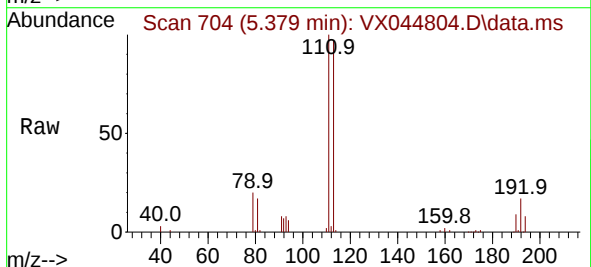


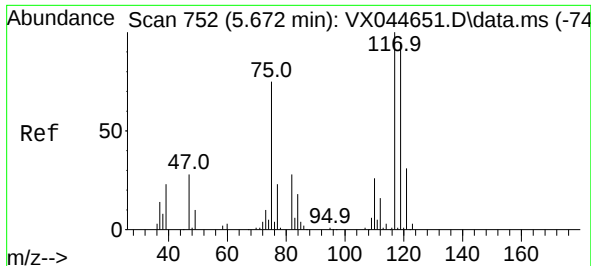
Tgt Ion:114 Resp: 257688
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.0
88 16.7 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.144 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044804.D
Acq: 03 Feb 2025 10:44

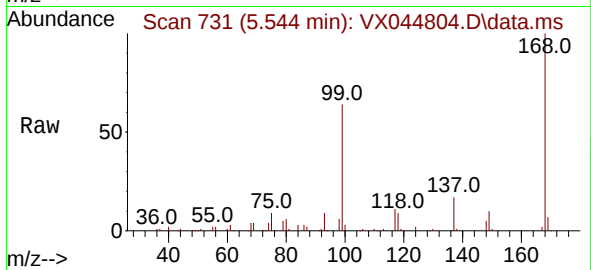
Tgt Ion:113 Resp: 82089
Ion Ratio Lower Upper
113 100
111 102.2 81.6 122.4
192 17.7 14.4 21.6



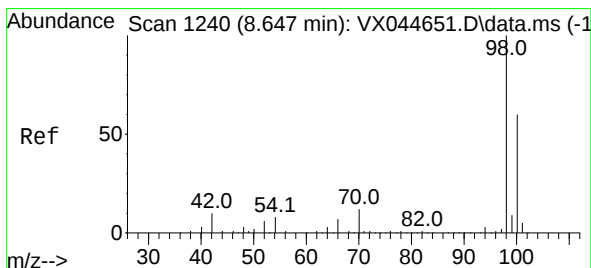
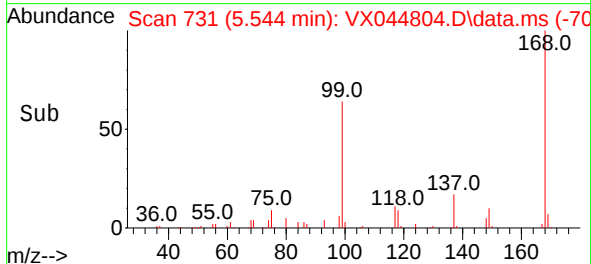
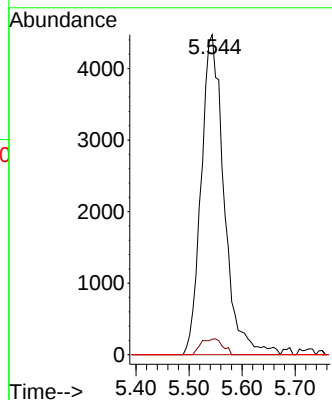


#38
Carbon Tetrachloride
Concen: 5.237 ug/l
RT: 5.544 min Scan# 752
Delta R.T. -0.128 min
Lab File: VX044804.D
Acq: 03 Feb 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :

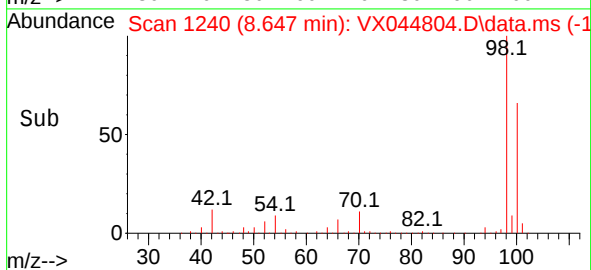
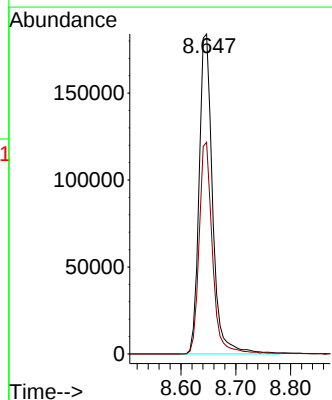
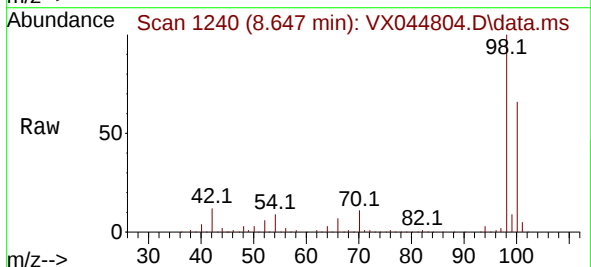


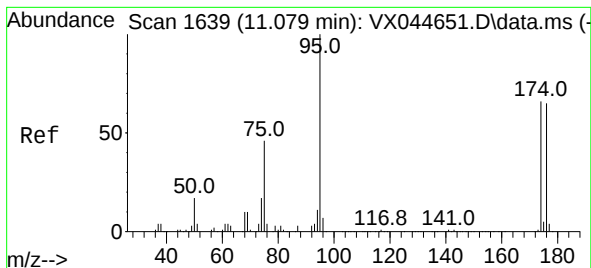
Tgt Ion:117 Resp: 13424
Ion Ratio Lower Upper
117 100
119 4.9 76.0 114.0#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 55.215 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044804.D
Acq: 03 Feb 2025 10:44

Tgt Ion: 98 Resp: 315174
Ion Ratio Lower Upper
98 100
100 65.7 53.2 79.8

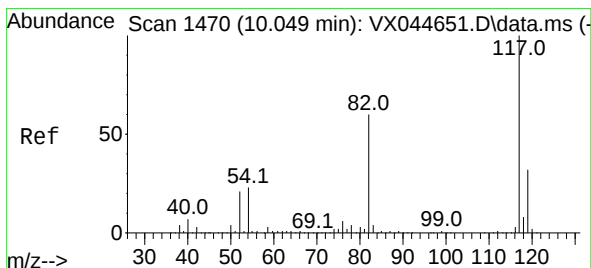
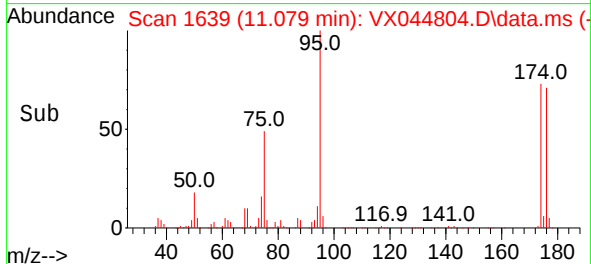
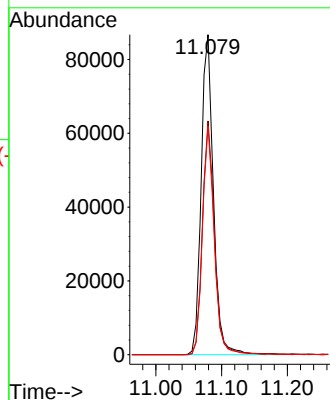
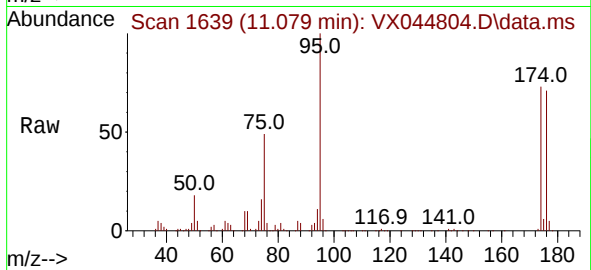




#62
4-Bromofluorobenzene
Concen: 52.878 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044804.D
Acq: 03 Feb 2025 10:44

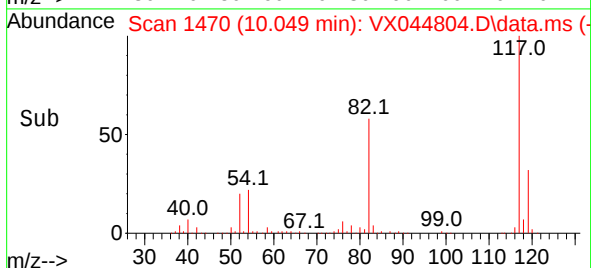
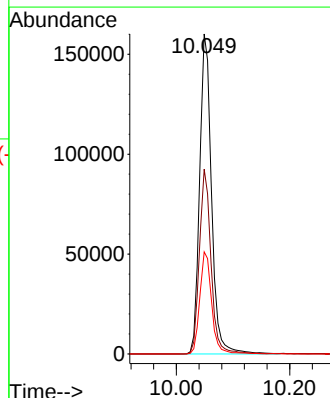
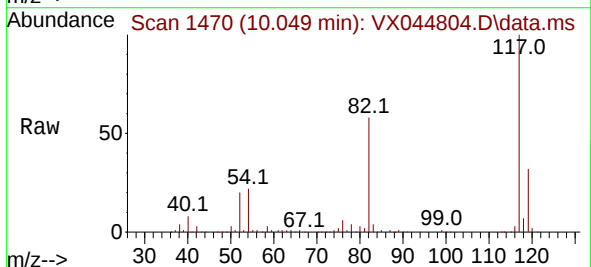
Instrument :
MSVOA_X
ClientSampleId :

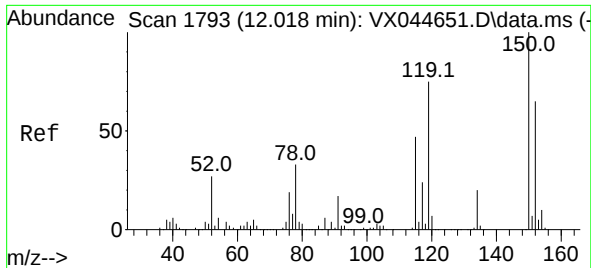
Tgt Ion: 95 Resp: 112520
Ion Ratio Lower Upper
95 100
174 71.4 0.0 133.0
176 68.5 0.0 129.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044804.D
Acq: 03 Feb 2025 10:44

Tgt Ion: 117 Resp: 232979
Ion Ratio Lower Upper
117 100
82 57.8 47.6 71.4
119 31.9 25.4 38.2

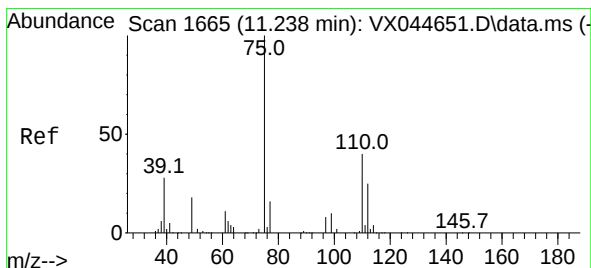
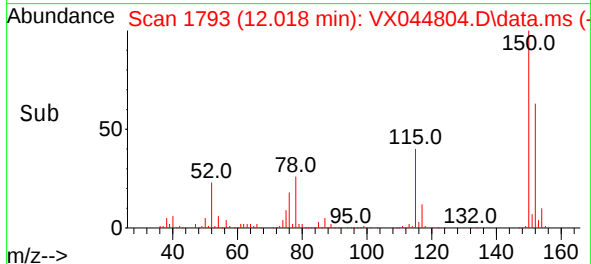
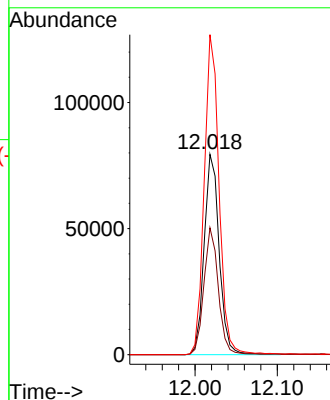
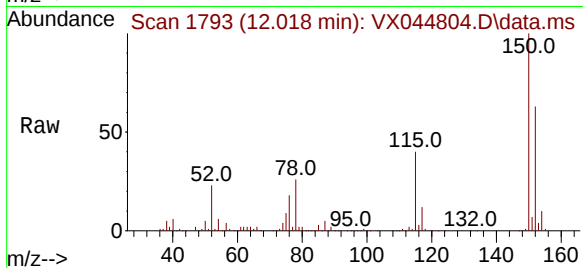




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX044804.D
 Acq: 03 Feb 2025 10:44

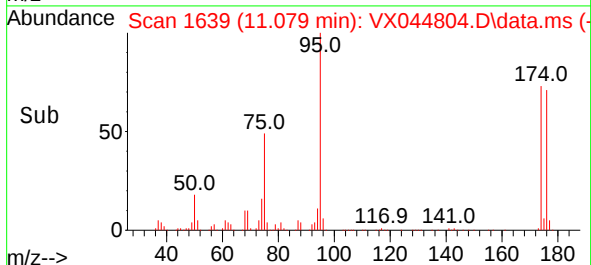
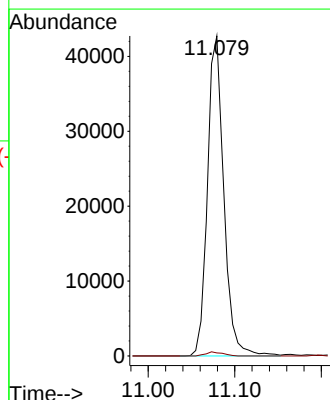
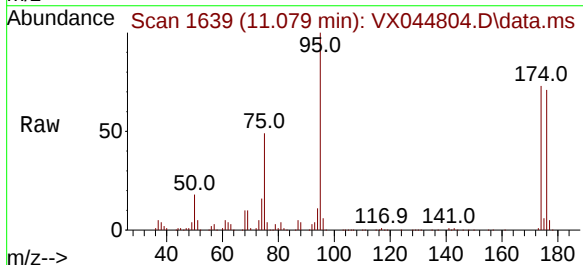
Instrument :
 MSVOA_X
 ClientSampleId :

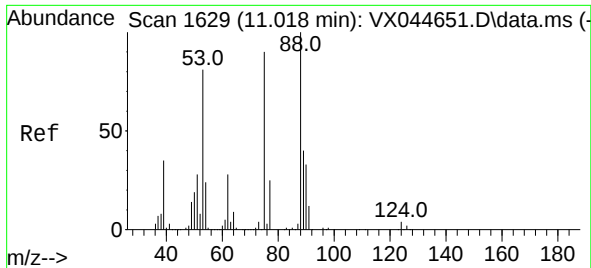
Tgt Ion:152 Resp: 100905
 Ion Ratio Lower Upper
 152 100
 115 61.2 43.8 131.4
 150 157.6 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 22.872 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX044804.D
 Acq: 03 Feb 2025 10:44

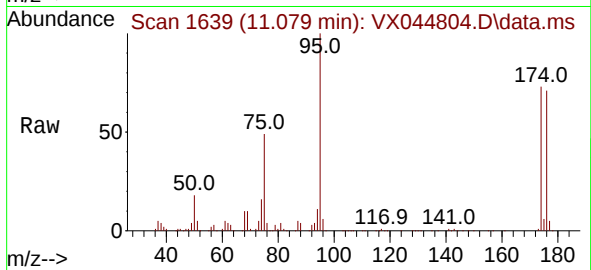
Tgt Ion: 75 Resp: 56010
 Ion Ratio Lower Upper
 75 100
 77 1.3 23.4 70.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.306 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044804.D
 Acq: 03 Feb 2025 10:44

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 56010
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.3 111.5#
 89 0.1 37.4 56.0#

