

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044623.D
 Acq On : 08 Jan 2025 13:19
 Operator : JC/MD
 Sample : Q1006-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 09 00:28:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 03:57:12 2025
 Response via : Initial Calibration

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

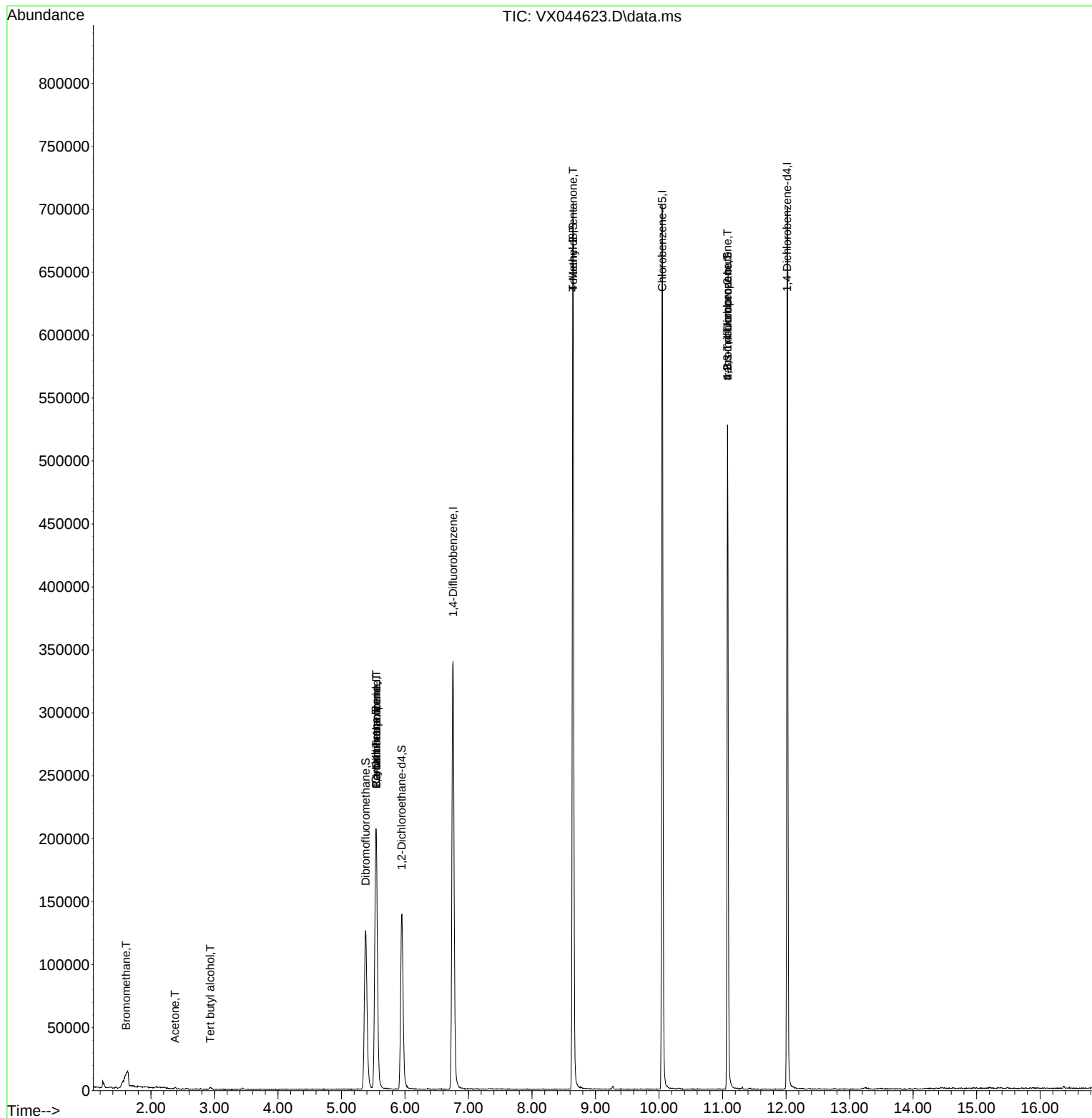
Internal Standards						
1) Pentafluorobenzene	5.550	168	198813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	364529	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	328697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	140600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	140435	43.809	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.620%
35) Dibromofluoromethane	5.379	113	115221	46.095	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.200%
50) Toluene-d8	8.647	98	428665	50.206	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.420%
62) 4-Bromofluorobenzene	11.079	95	149298	49.540	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.080%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	437	0.314	ug/l #	33
11) Tert butyl alcohol	2.934	59	651	1.649	ug/l #	72
16) Acetone	2.380	43	830	0.822	ug/l #	89
31) Cyclohexane	5.544	56	4407	1.211	ug/l #	8
36) 1,1-Dichloropropene	5.550	75	16304	5.044	ug/l #	50
38) Carbon Tetrachloride	5.550	117	20661	5.761	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1971	0.618	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	75825	26.903	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	75825	81.892	ug/l #	4

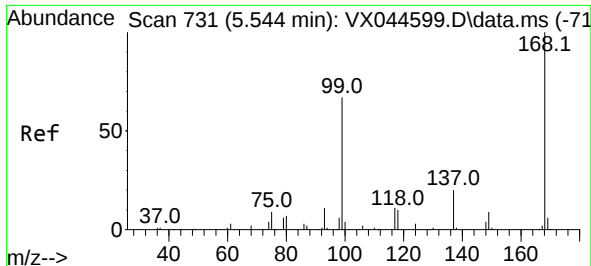
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration

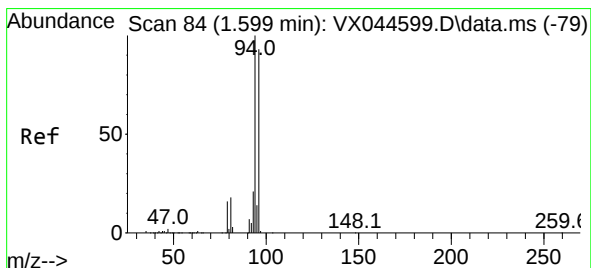
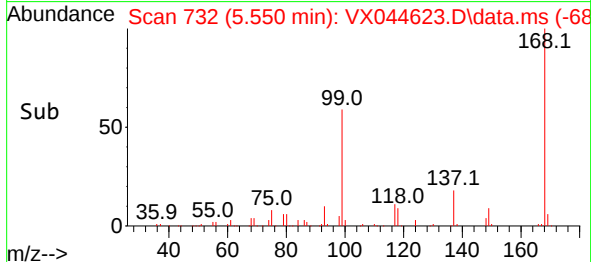
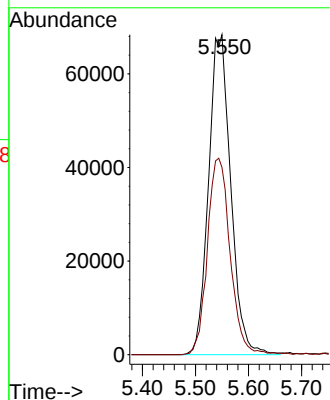
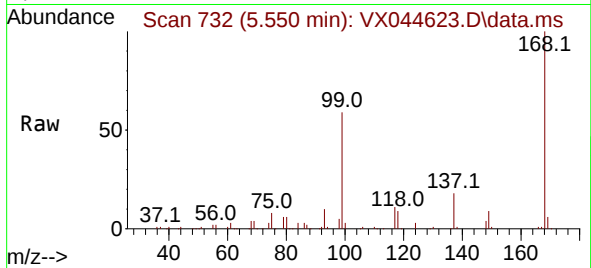




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044623.D
Acq: 08 Jan 2025 13:19

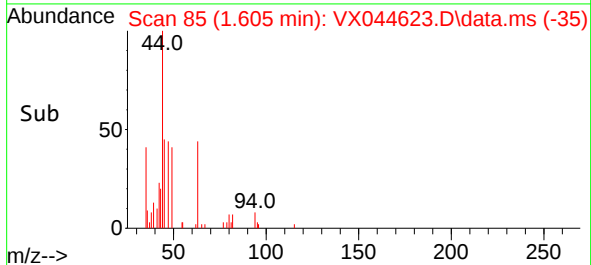
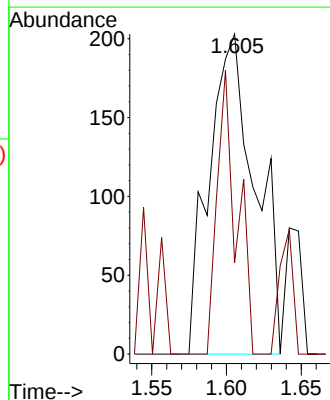
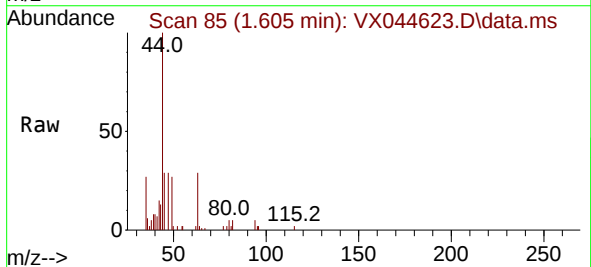
Instrument :
MSVOA_X
ClientSampleId :

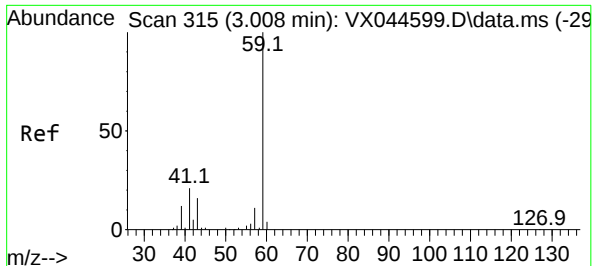
Tgt Ion:168 Resp: 198813
Ion Ratio Lower Upper
168 100
99 58.5 53.5 80.3



#5
Bromomethane
Concen: 0.314 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX044623.D
Acq: 08 Jan 2025 13:19

Tgt Ion: 94 Resp: 437
Ion Ratio Lower Upper
94 100
96 28.6 74.6 112.0#





#11

Tert butyl alcohol

Concen: 1.649 ug/l

RT: 2.934 min Scan# 303

Delta R.T. -0.073 min

Lab File: VX044623.D

Acq: 08 Jan 2025 13:19

Instrument :

MSVOA_X

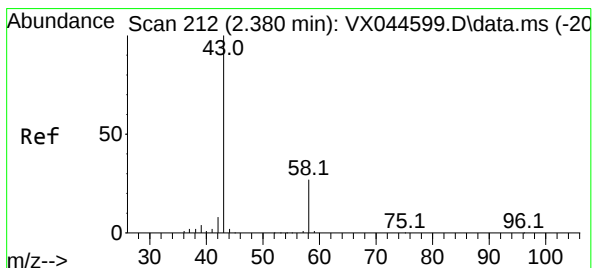
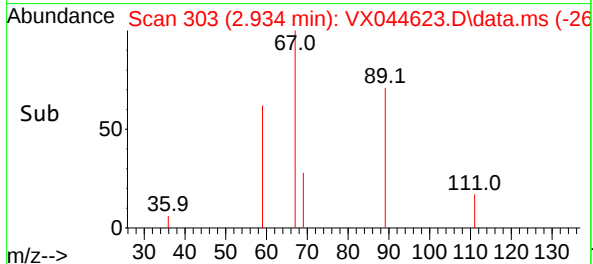
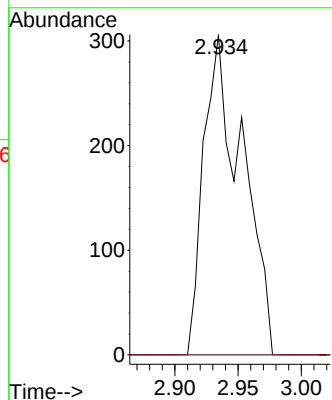
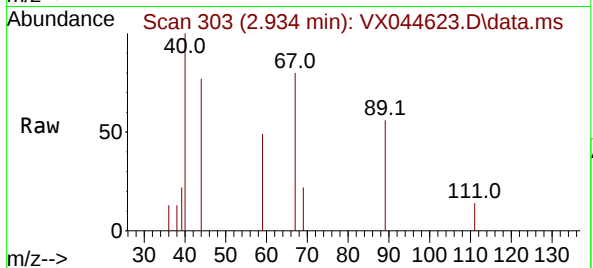
ClientSampleId :

Tgt Ion: 59 Resp: 651

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#16

Acetone

Concen: 0.822 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX044623.D

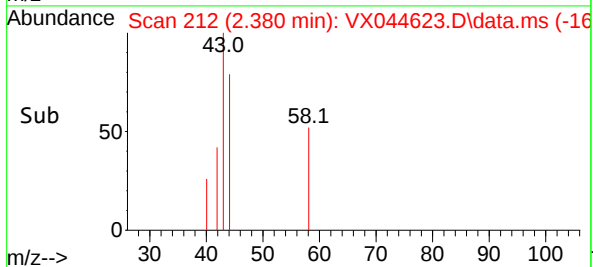
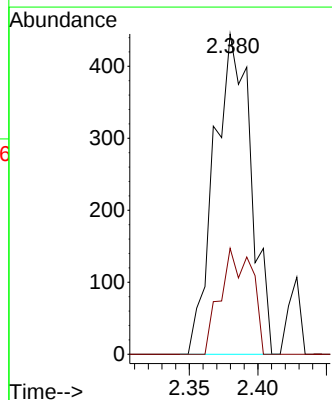
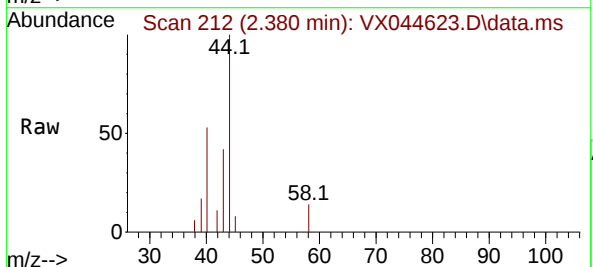
Acq: 08 Jan 2025 13:19

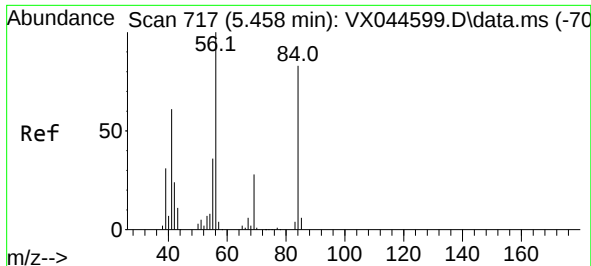
Tgt Ion: 43 Resp: 830

Ion Ratio Lower Upper

43 100

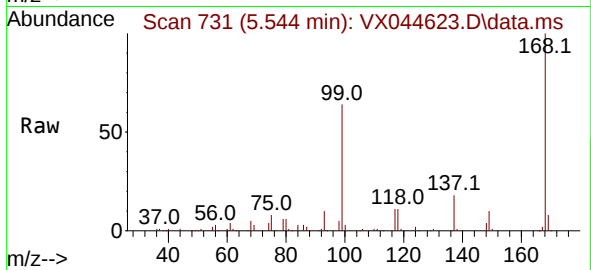
58 33.0 22.0 33.0#



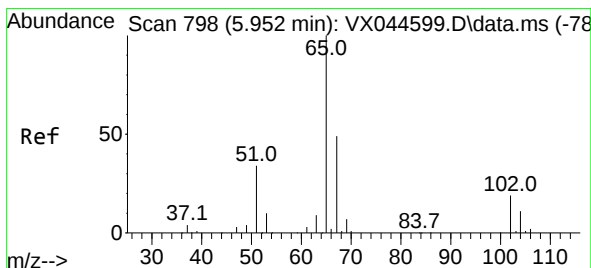
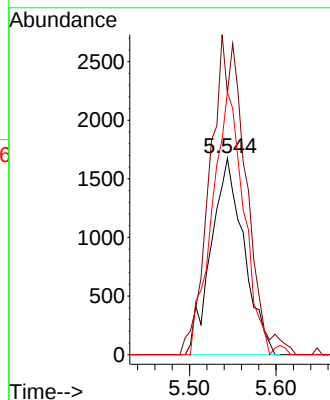
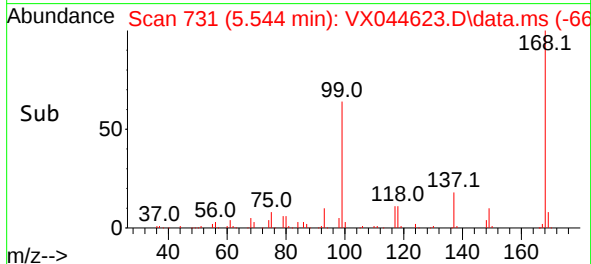


#31
Cyclohexane
Concen: 1.211 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX044623.D
Acq: 08 Jan 2025 13:19

Instrument :
MSVOA_X
ClientSampleId :

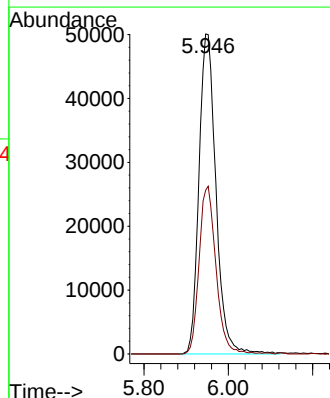
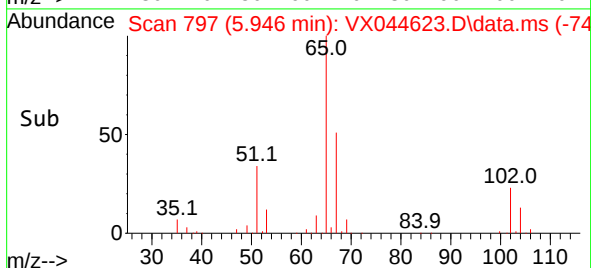
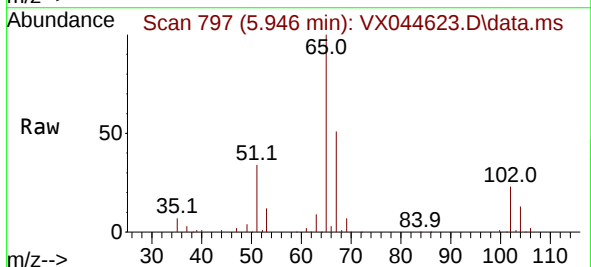


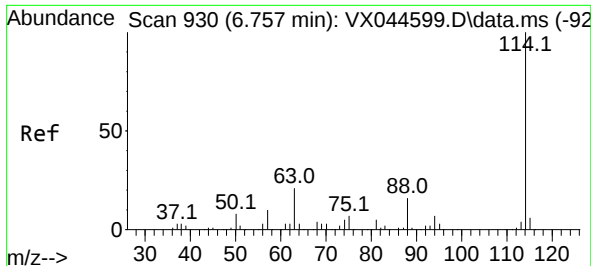
Tgt Ion: 56 Resp: 4407
Ion Ratio Lower Upper
56 100
69 133.2 22.2 33.4#
84 133.9 66.6 100.0#



#33
1,2-Dichloroethane-d4
Concen: 43.809 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044623.D
Acq: 08 Jan 2025 13:19

Tgt Ion: 65 Resp: 140435
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.0

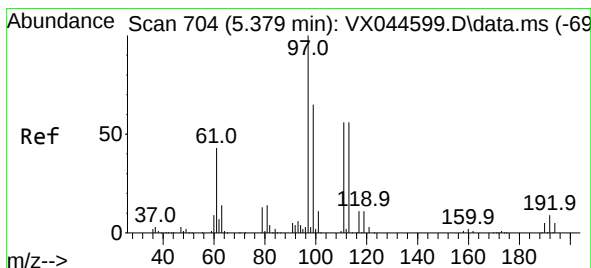
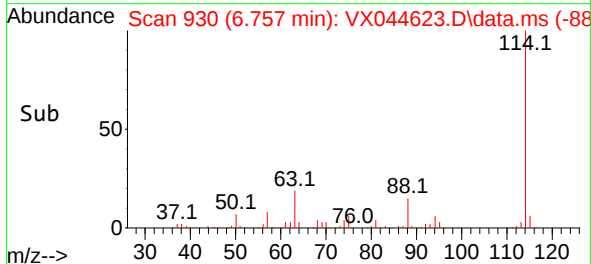
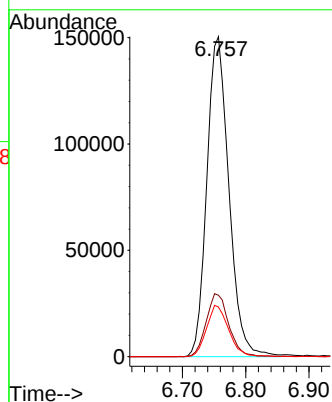
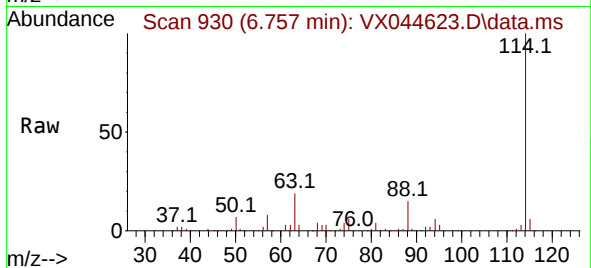




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044623.D
Acq: 08 Jan 2025 13:19

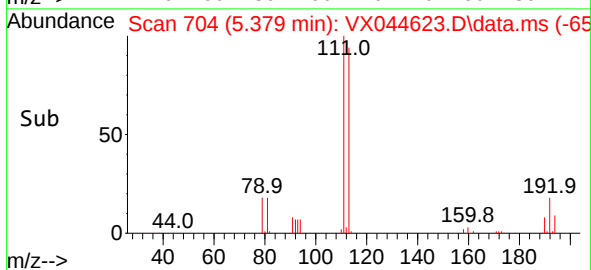
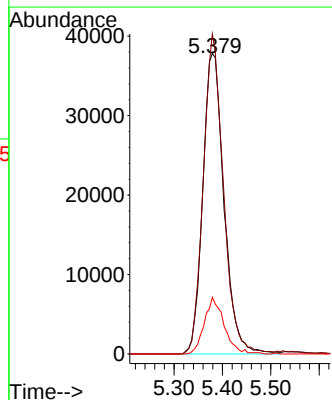
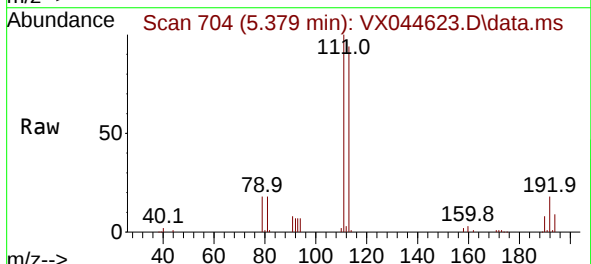
Instrument :
MSVOA_X
ClientSampleId :

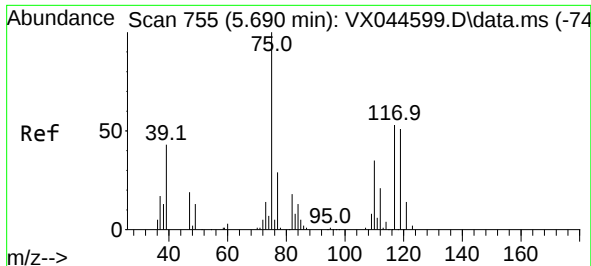
Tgt Ion:114 Resp: 364529
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.6
88 15.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.095 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044623.D
Acq: 08 Jan 2025 13:19

Tgt Ion:113 Resp: 115221
Ion Ratio Lower Upper
113 100
111 101.2 83.3 124.9
192 17.4 14.3 21.5

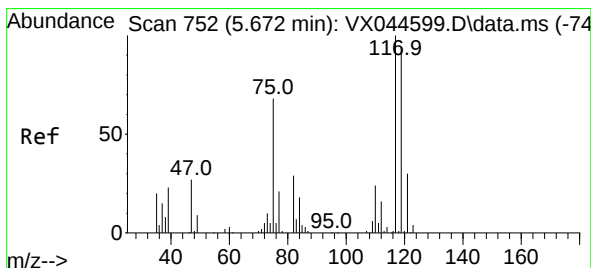
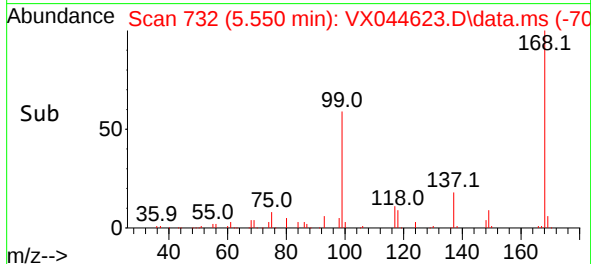
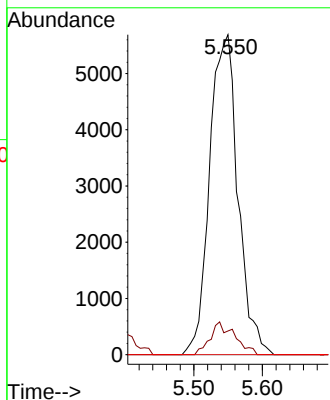
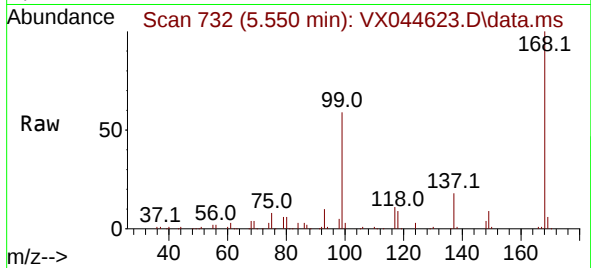




#36
1,1-Dichloropropene
Concen: 5.044 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX044623.D
Acq: 08 Jan 2025 13:19

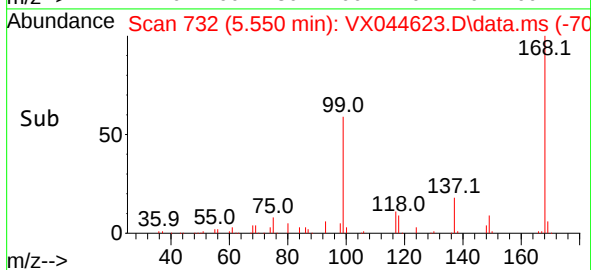
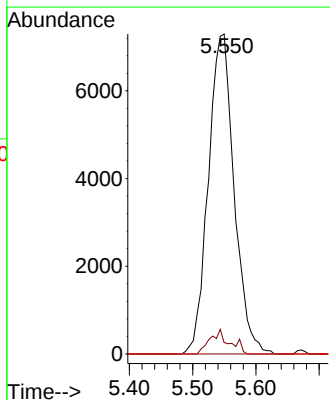
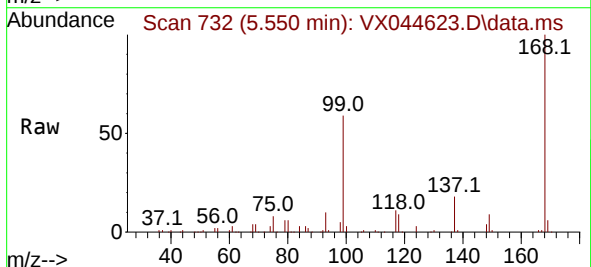
Instrument :
MSVOA_X
ClientSampleId :

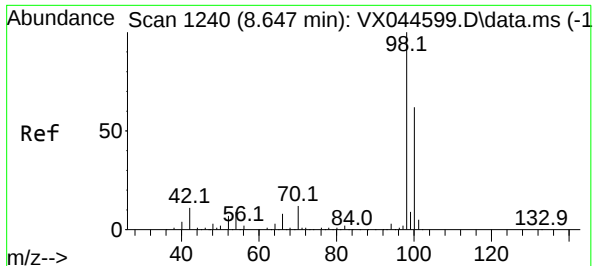
Tgt Ion: 75 Resp: 16304
Ion Ratio Lower Upper
75 100
110 8.9 17.3 51.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.761 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX044623.D
Acq: 08 Jan 2025 13:19

Tgt Ion: 117 Resp: 20661
Ion Ratio Lower Upper
117 100
119 3.5 74.5 111.7#
121 0.0 24.1 36.1#

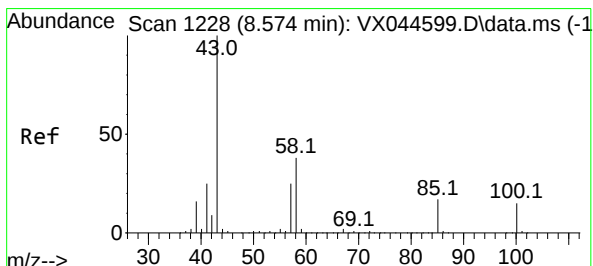
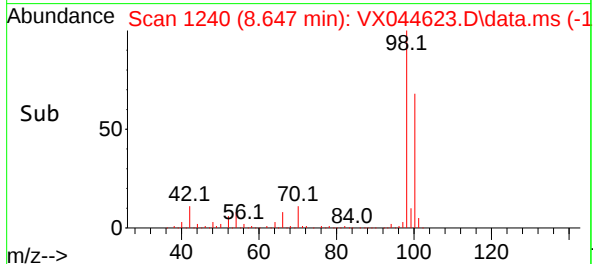
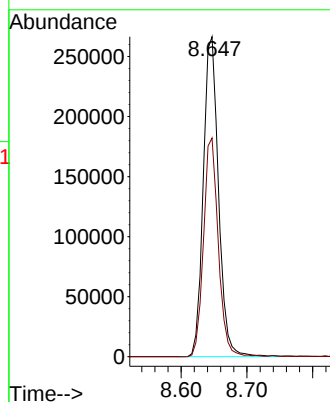
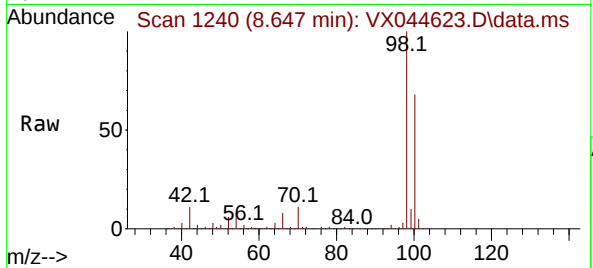




#50
Toluene-d8
Concen: 50.206 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044623.D
Acq: 08 Jan 2025 13:19

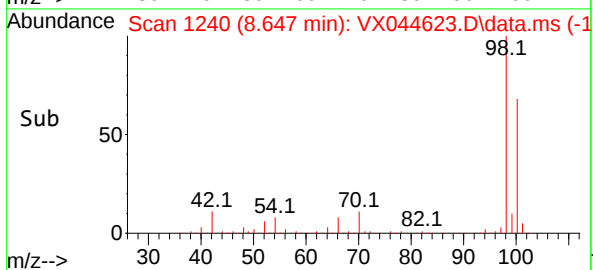
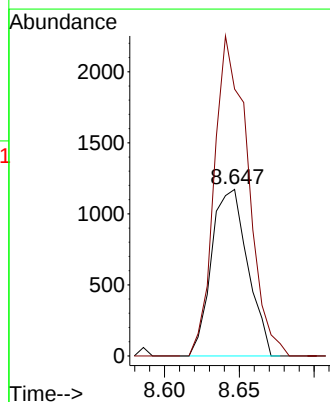
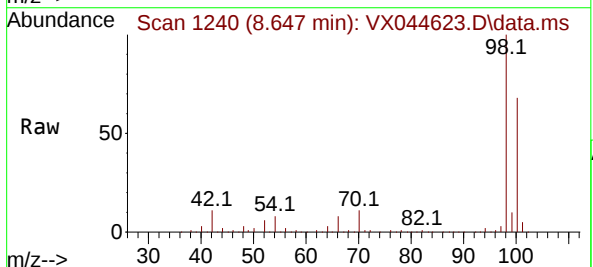
Instrument :
MSVOA_X
ClientSampleId :

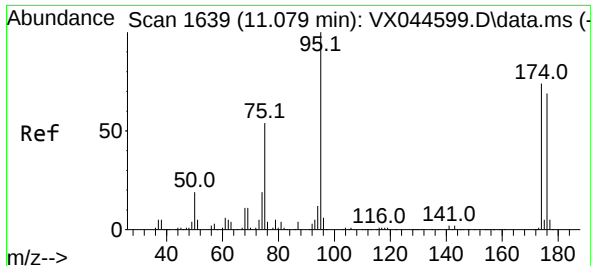
Tgt Ion: 98 Resp: 428665
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.618 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044623.D
Acq: 08 Jan 2025 13:19

Tgt Ion: 43 Resp: 1971
Ion Ratio Lower Upper
43 100
58 177.9 30.0 45.0#

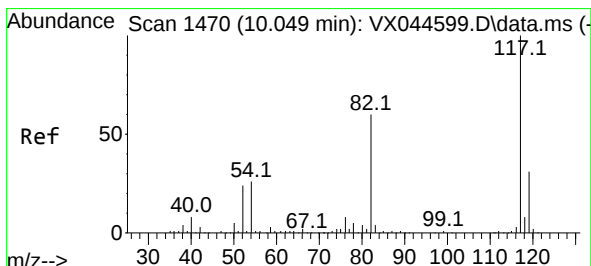
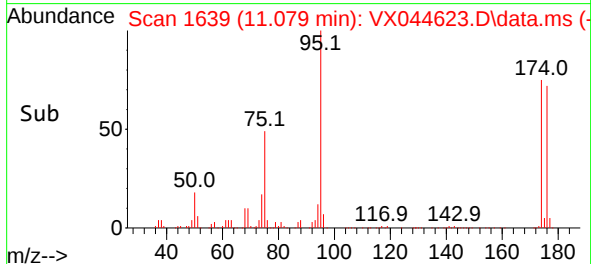
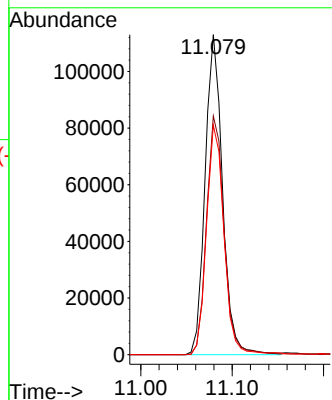
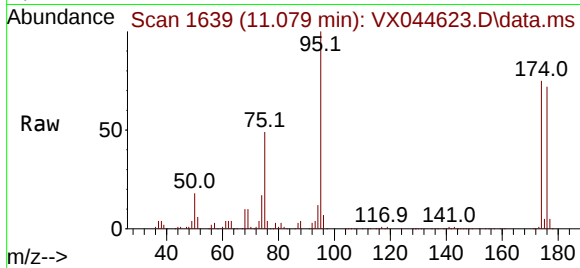




#62
4-Bromofluorobenzene
Concen: 49.540 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044623.D
Acq: 08 Jan 2025 13:19

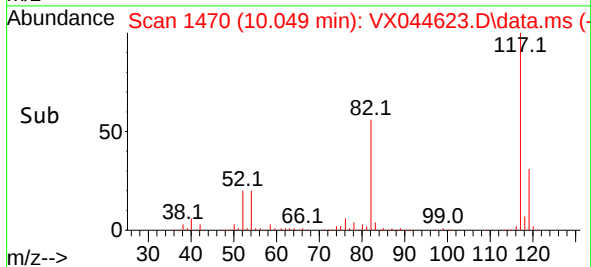
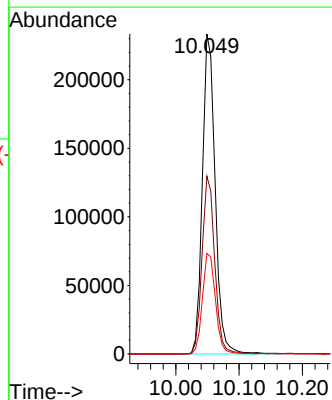
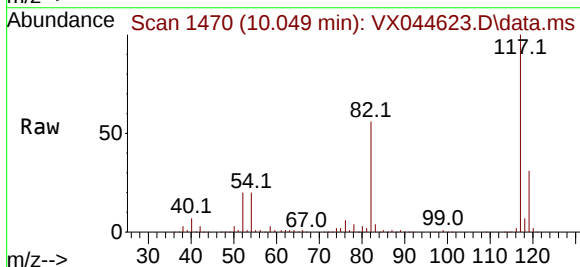
Instrument :
MSVOA_X
ClientSampleId :

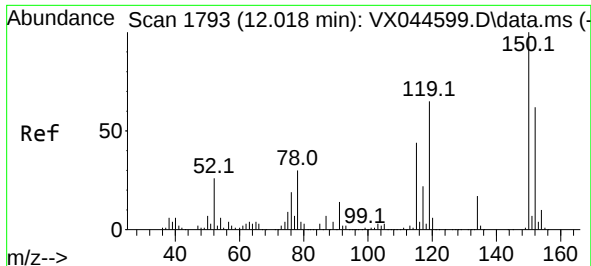
Tgt Ion: 95 Resp: 149298
Ion Ratio Lower Upper
95 100
174 75.4 0.0 148.8
176 72.1 0.0 139.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044623.D
Acq: 08 Jan 2025 13:19

Tgt Ion: 117 Resp: 328697
Ion Ratio Lower Upper
117 100
82 55.5 47.8 71.6
119 31.4 25.0 37.6

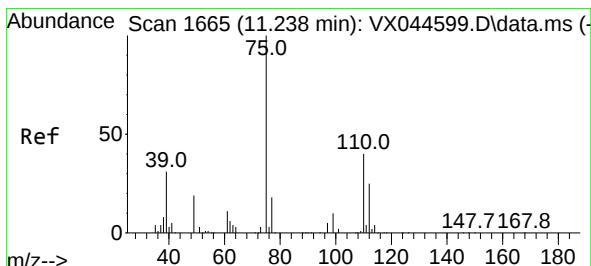
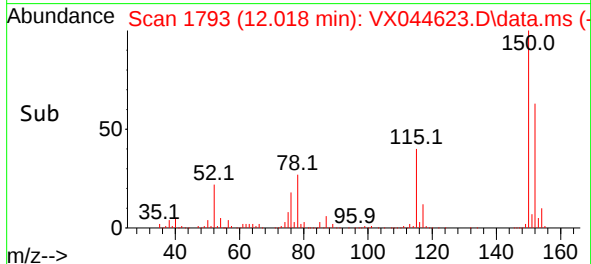
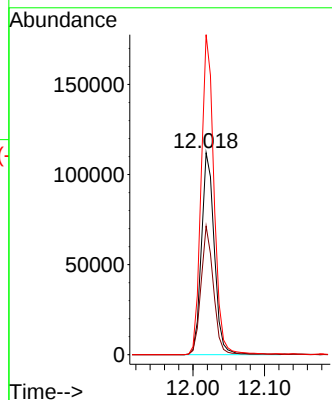
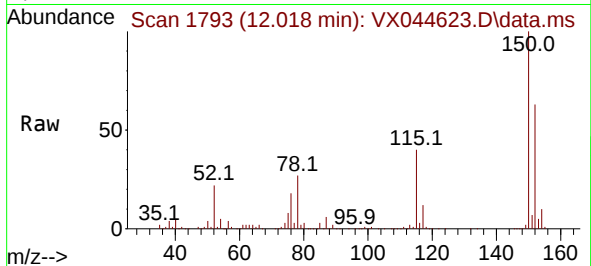




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044623.D
 Acq: 08 Jan 2025 13:19

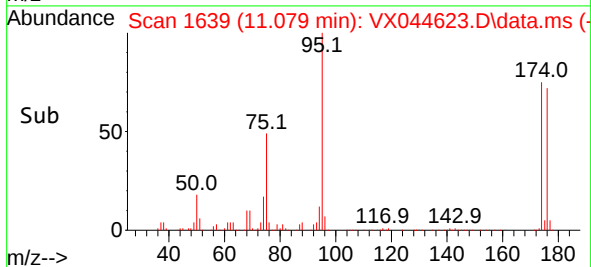
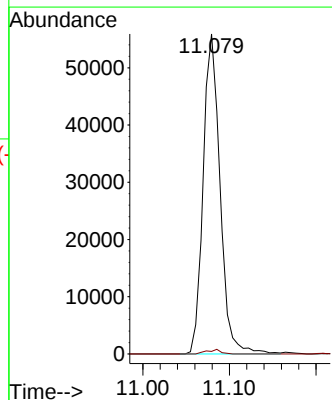
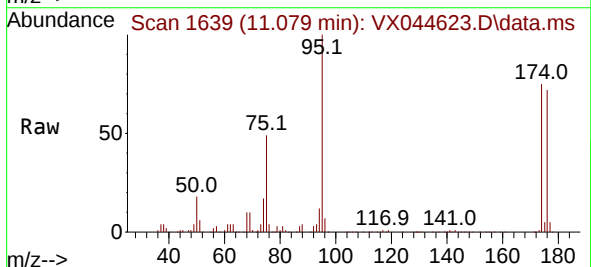
Instrument :
 MSVOA_X
 ClientSampleId :

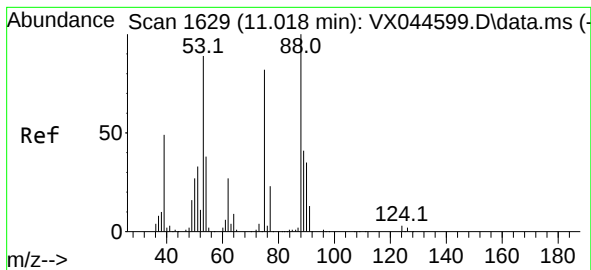
Tgt Ion:152 Resp: 140600
 Ion Ratio Lower Upper
 152 100
 115 61.3 44.4 133.1
 150 157.5 0.0 355.0



#76
 1,2,3-Trichloropropane
 Concen: 26.903 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX044623.D
 Acq: 08 Jan 2025 13:19

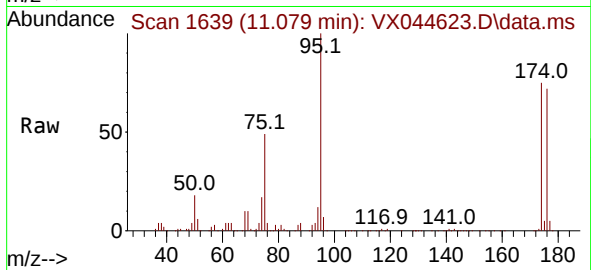
Tgt Ion: 75 Resp: 75825
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.1 63.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 81.892 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX044623.D
Acq: 08 Jan 2025 13:19

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 75825
Ion Ratio Lower Upper
75 100
53 0.0 92.7 139.1#
89 0.1 38.3 57.5#

