

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110124\
 Data File : VX043663.D
 Acq On : 01 Nov 2024 14:43
 Operator : JC/MD
 Sample : P4676-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 06:13:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

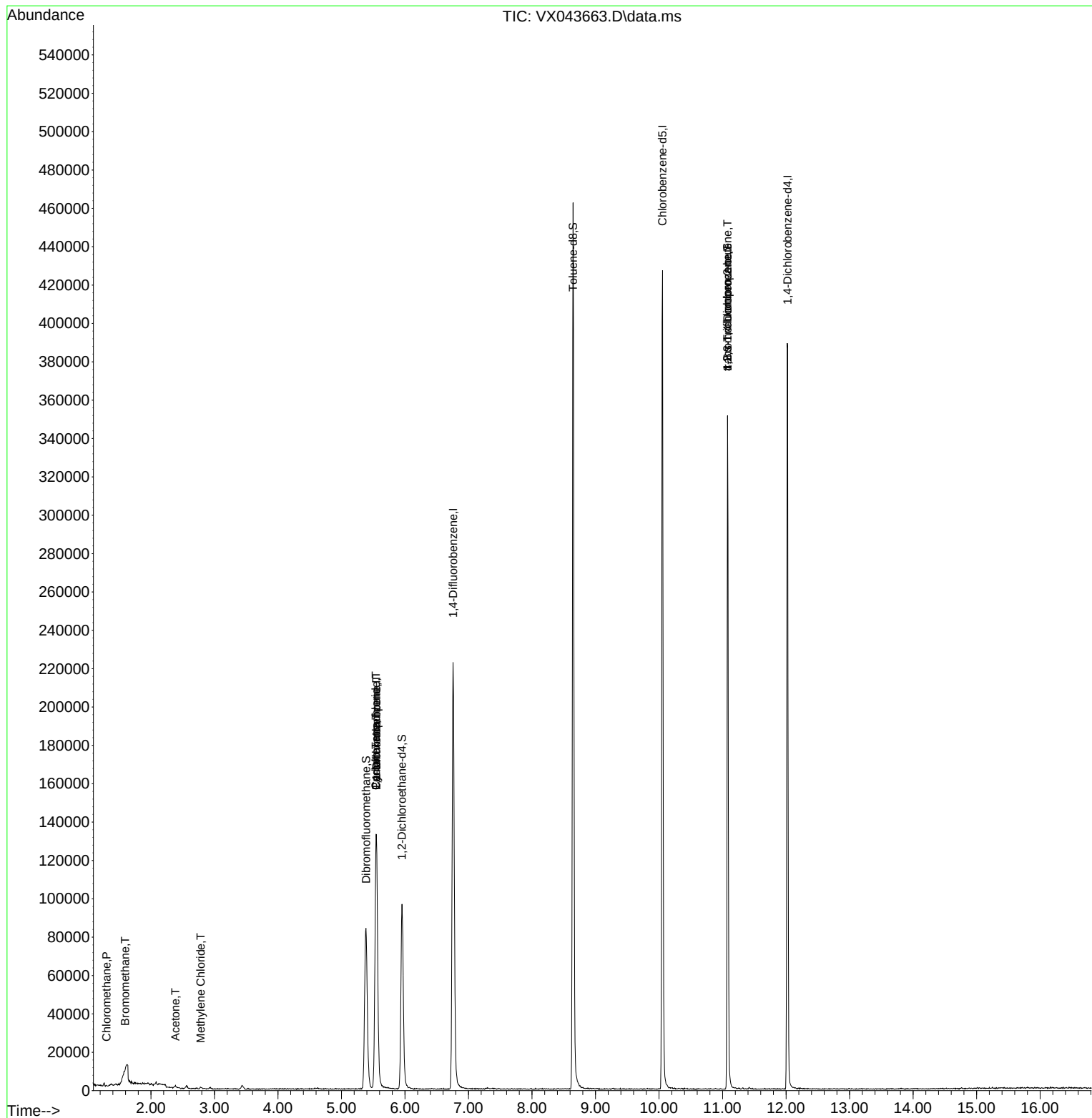
Internal Standards						
1) Pentafluorobenzene	5.550	168	136449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	246466	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91114	41.878	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.760%
35) Dibromofluoromethane	5.385	113	77610	46.438	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.880%
50) Toluene-d8	8.647	98	291778	50.434	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.860%
62) 4-Bromofluorobenzene	11.079	95	98368	45.886	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.780%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	437	0.234	ug/l #	42
5) Bromomethane	1.593	94	216	0.306	ug/l	83
16) Acetone	2.386	43	1198	1.387	ug/l #	85
20) Methylene Chloride	2.782	84	571	0.307	ug/l #	70
31) Cyclohexane	5.544	56	2226	0.969	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9570	4.829	ug/l #	49
38) Carbon Tetrachloride	5.544	117	14062	6.422	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	47083	25.085	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	47083	69.009	ug/l #	7

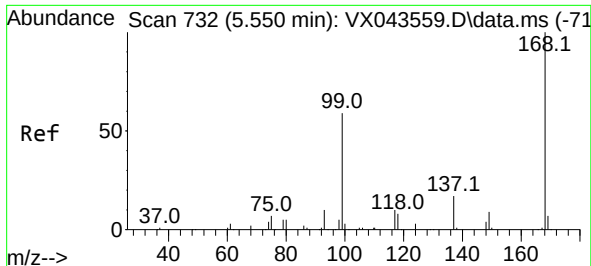
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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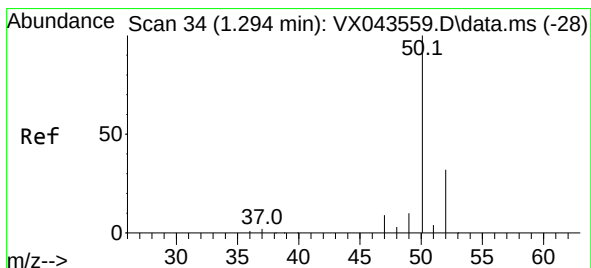
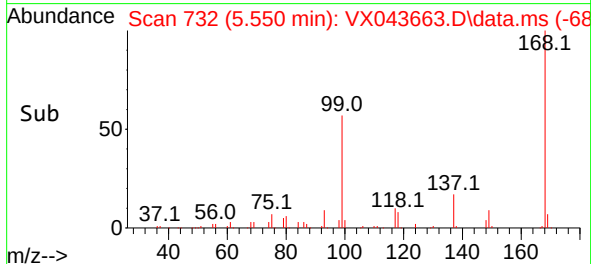
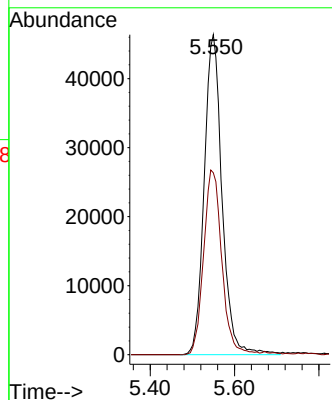
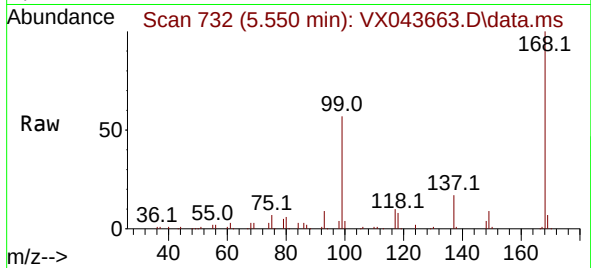




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043663.D
Acq: 01 Nov 2024 14:43

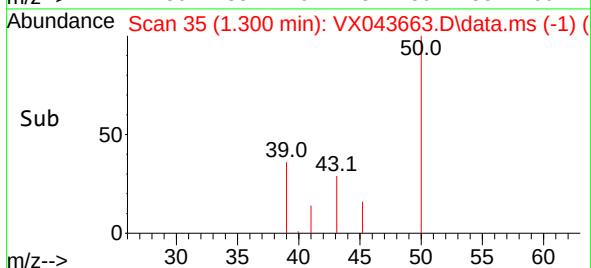
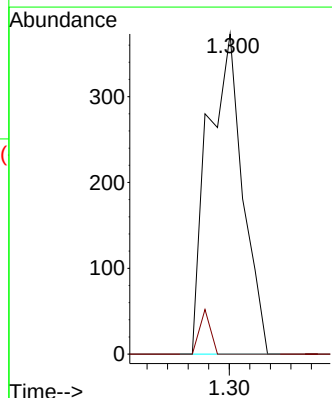
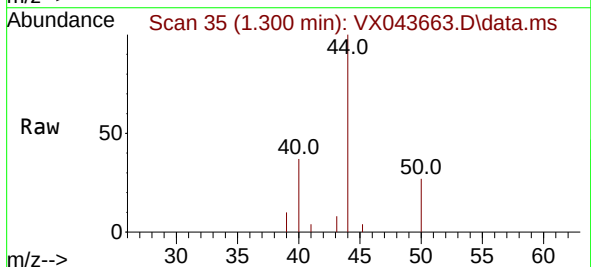
Instrument :
MSVOA_X
ClientSampleId :

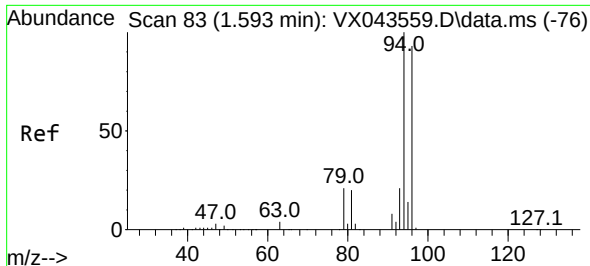
Tgt Ion:168 Resp: 136449
Ion Ratio Lower Upper
168 100
99 56.8 52.6 78.8



#3
Chloromethane
Concen: 0.234 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX043663.D
Acq: 01 Nov 2024 14:43

Tgt Ion: 50 Resp: 437
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

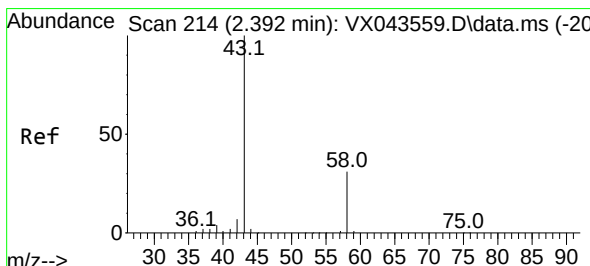
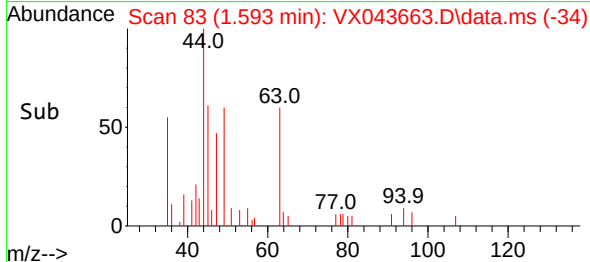
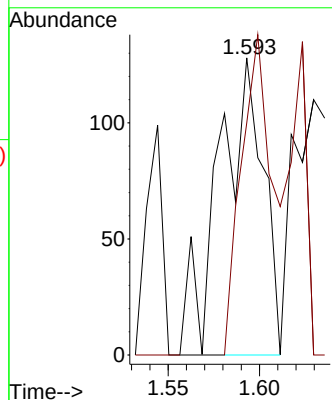
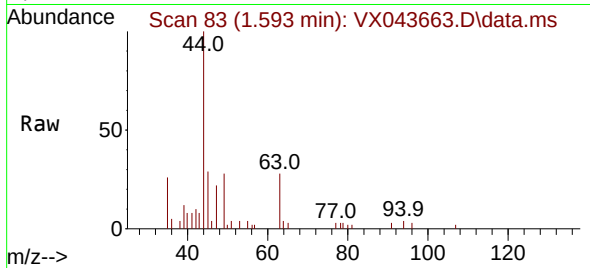




#5
Bromomethane
Concen: 0.306 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX043663.D
Acq: 01 Nov 2024 14:43

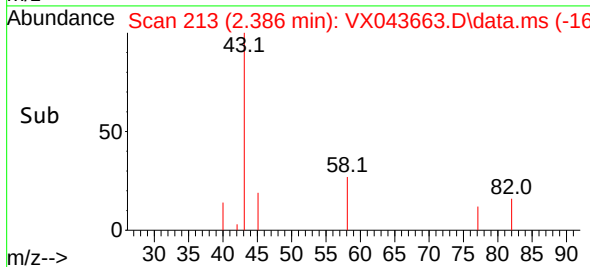
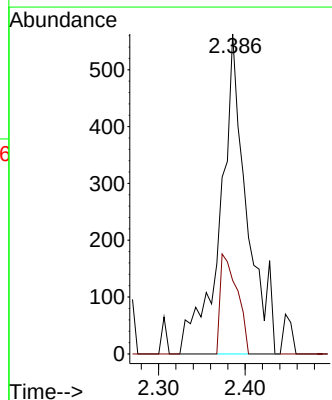
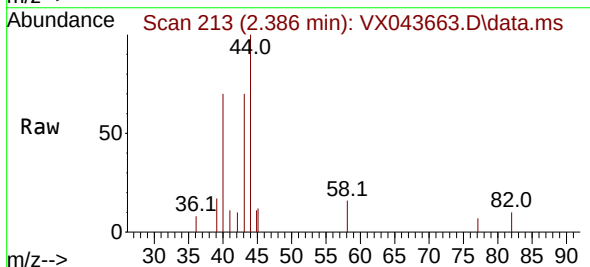
Instrument :
MSVOA_X
ClientSampleId :

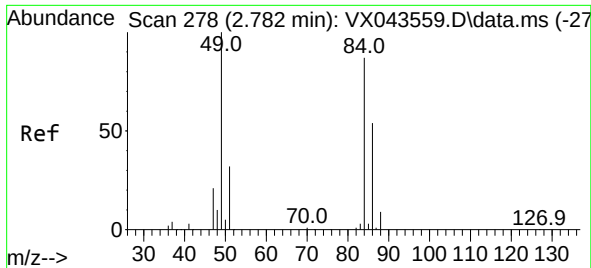
Tgt Ion: 94 Resp: 216
Ion Ratio Lower Upper
94 100
96 78.1 75.9 113.9



#16
Acetone
Concen: 1.387 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX043663.D
Acq: 01 Nov 2024 14:43

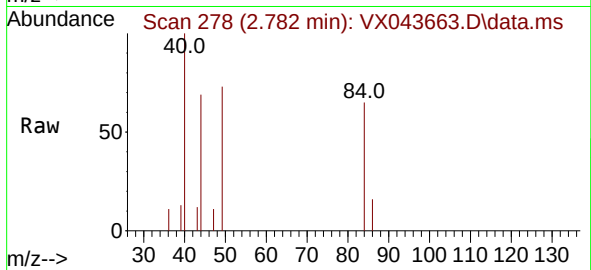
Tgt Ion: 43 Resp: 1198
Ion Ratio Lower Upper
43 100
58 22.9 25.1 37.7#



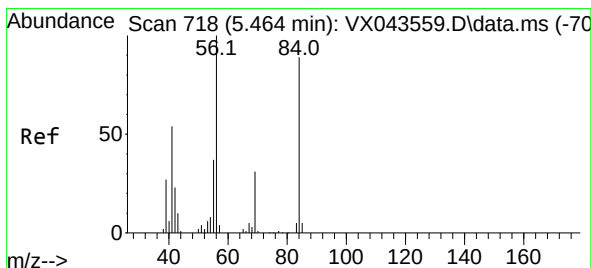
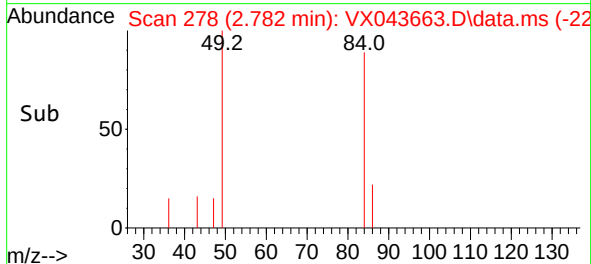
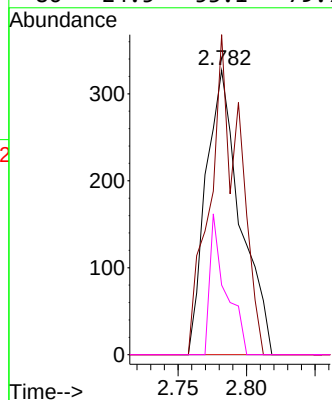


#20
Methylene Chloride
Concen: 0.307 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043663.D
Acq: 01 Nov 2024 14:43

Instrument :
MSVOA_X
ClientSampleId :

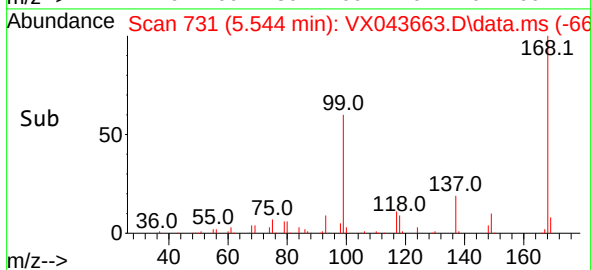
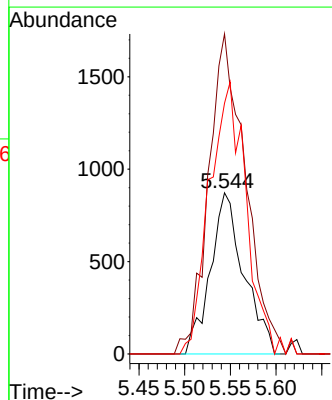
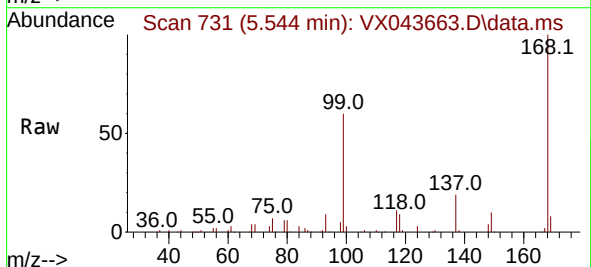


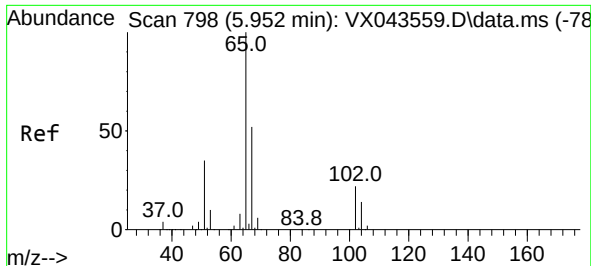
Tgt Ion:	84	Resp:	571
Ion	Ratio	Lower	Upper
84	100		
49	112.5	97.0	145.6
51	0.0	29.8	44.8#
86	24.5	53.1	79.7#



#31
Cyclohexane
Concen: 0.969 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX043663.D
Acq: 01 Nov 2024 14:43

Tgt Ion:	56	Resp:	2226
Ion	Ratio	Lower	Upper
56	100		
69	190.5	24.9	37.3#
84	155.6	73.3	109.9#





#33

1,2-Dichloroethane-d4

Concen: 41.878 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043663.D

Acq: 01 Nov 2024 14:43

Instrument :

MSVOA_X

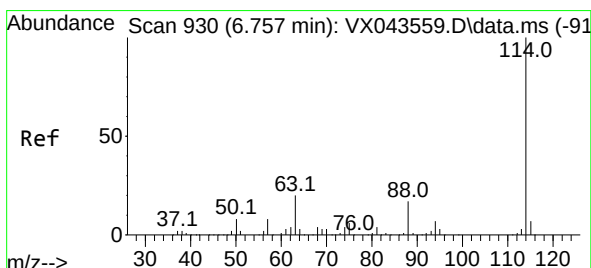
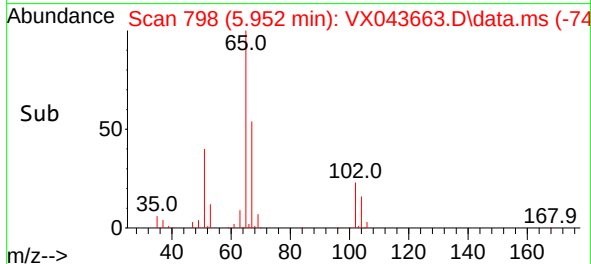
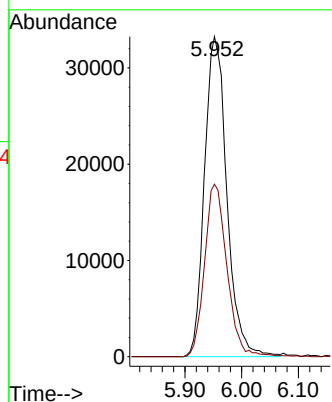
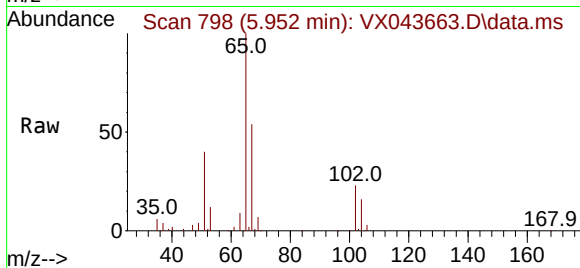
ClientSampleId :

Tgt Ion: 65 Resp: 91114

Ion Ratio Lower Upper

65 100

67 54.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043663.D

Acq: 01 Nov 2024 14:43

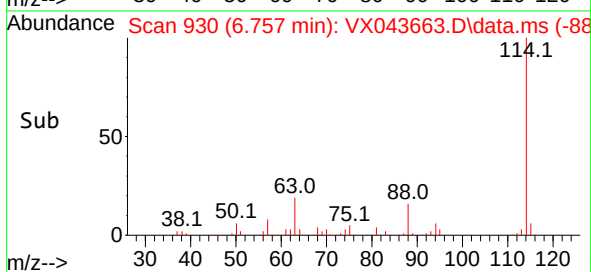
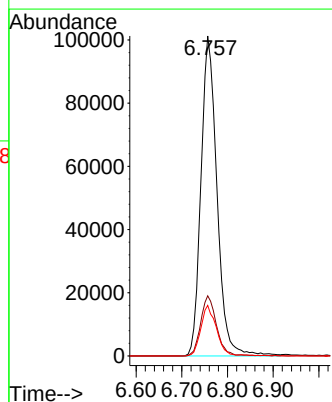
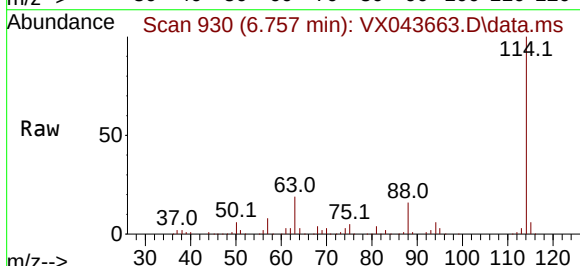
Tgt Ion: 114 Resp: 246466

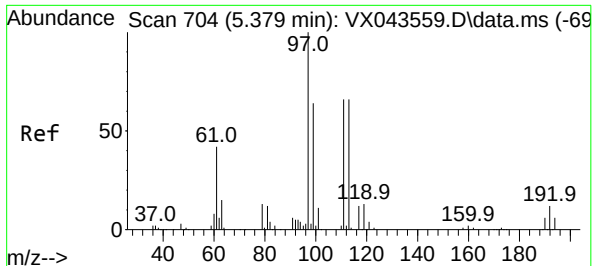
Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.2

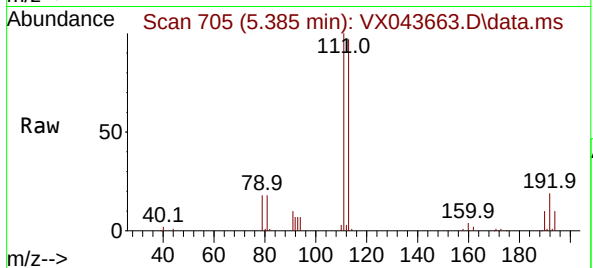
88 15.8 0.0 34.0



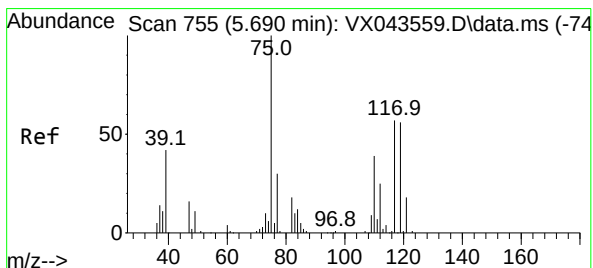
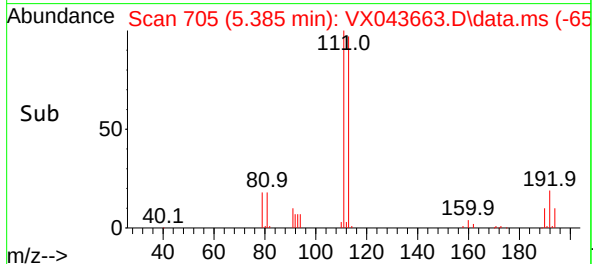
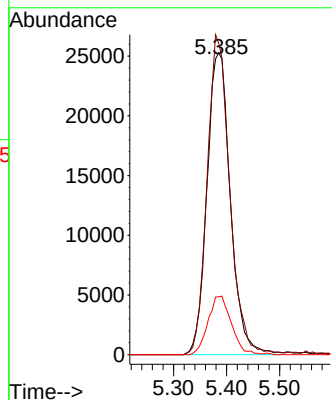


#35
Dibromofluoromethane
Concen: 46.438 ug/l
RT: 5.385 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043663.D
Acq: 01 Nov 2024 14:43

Instrument :
MSVOA_X
ClientSampleId :

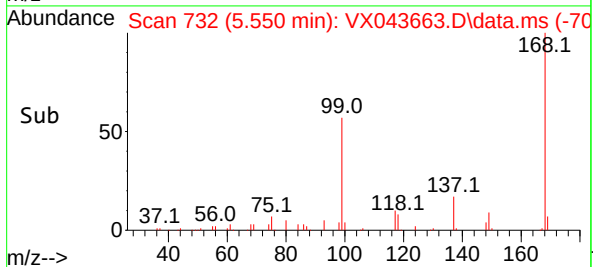
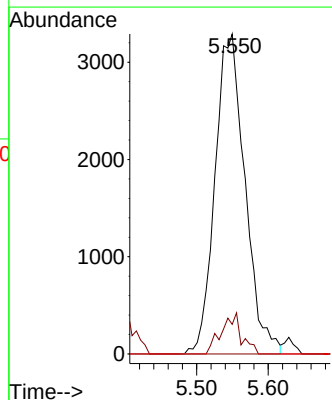
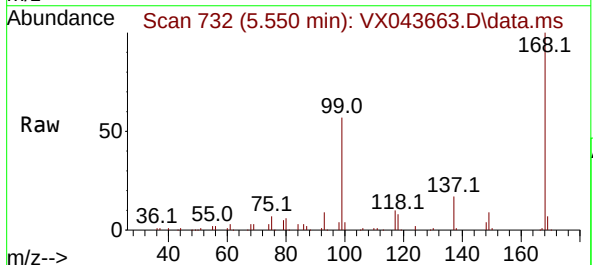


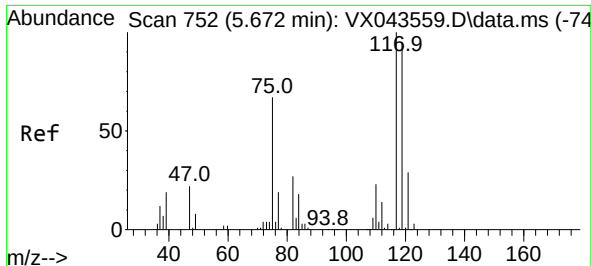
Tgt Ion:113 Resp: 77610
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 19.3 14.1 21.1



#36
1,1-Dichloropropene
Concen: 4.829 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX043663.D
Acq: 01 Nov 2024 14:43

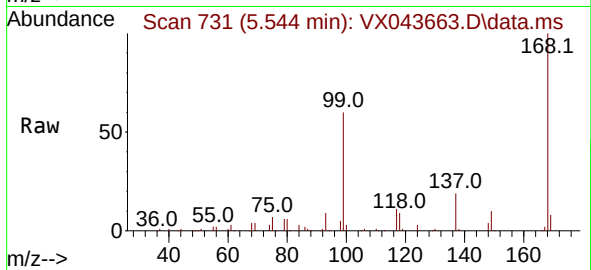
Tgt Ion: 75 Resp: 9570
Ion Ratio Lower Upper
75 100
110 8.6 17.9 53.7#
77 0.0 25.0 37.4#



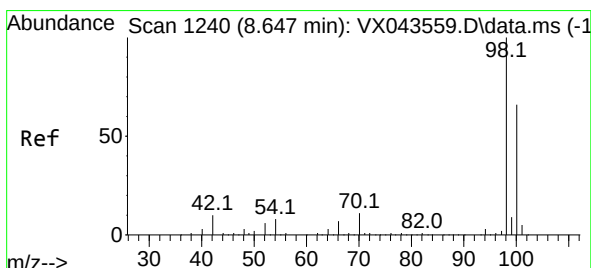
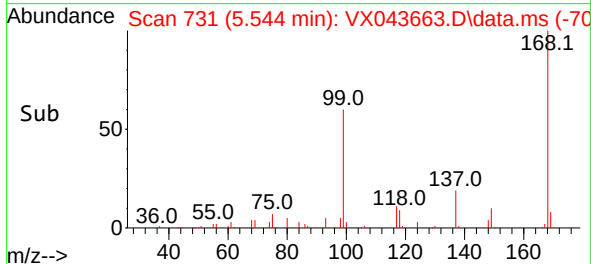
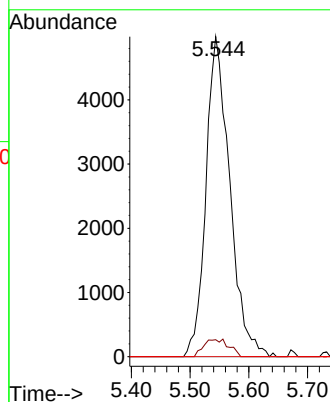


#38
Carbon Tetrachloride
Concen: 6.422 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043663.D
Acq: 01 Nov 2024 14:43

Instrument :
MSVOA_X
ClientSampleId :

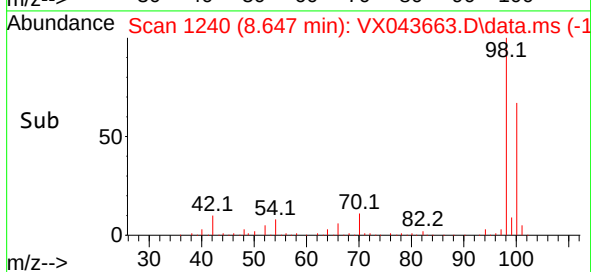
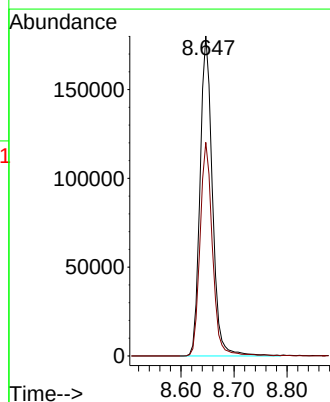
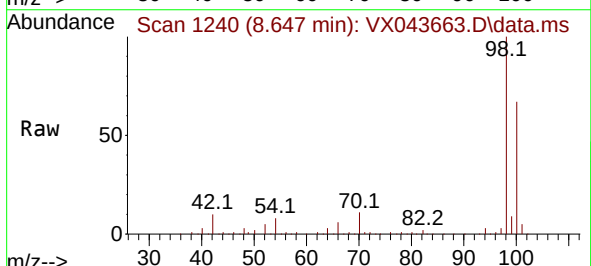


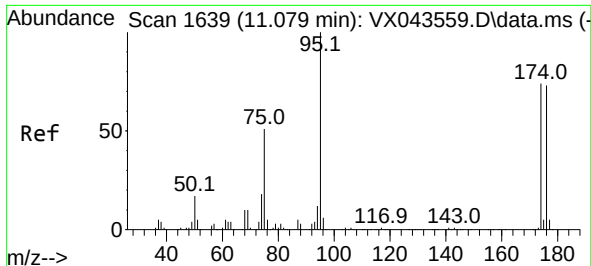
Tgt Ion:117 Resp: 14062
Ion Ratio Lower Upper
117 100
119 5.3 77.0 115.6#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.434 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043663.D
Acq: 01 Nov 2024 14:43

Tgt Ion: 98 Resp: 291778
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.2

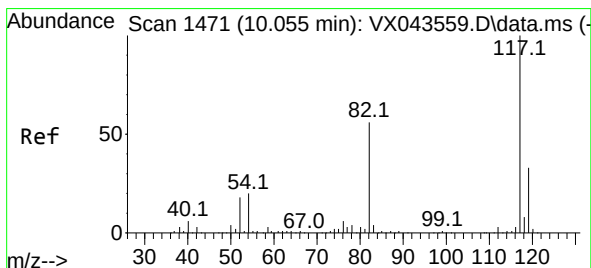
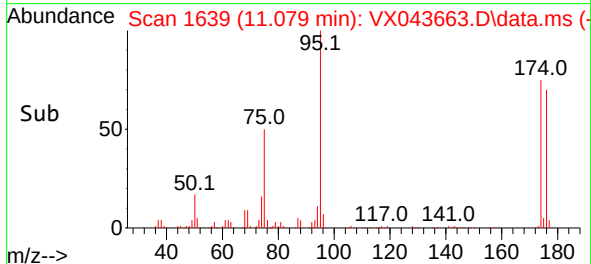
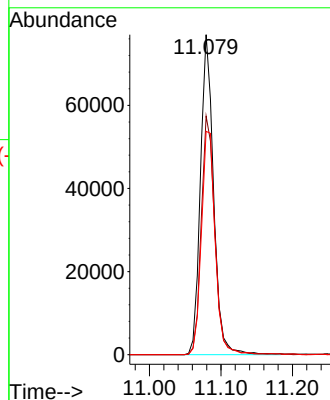
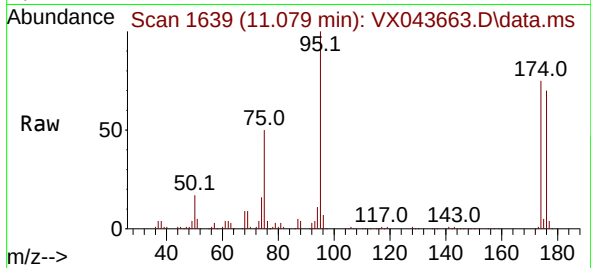




#62
4-Bromofluorobenzene
Concen: 45.886 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043663.D
Acq: 01 Nov 2024 14:43

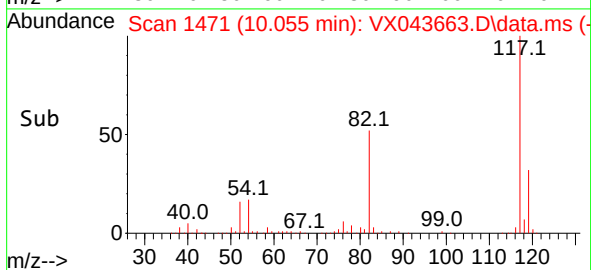
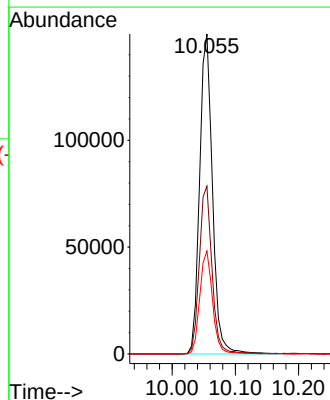
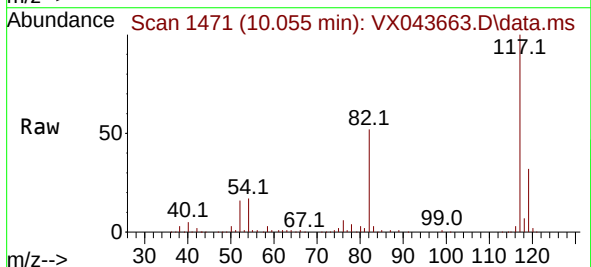
Instrument :
MSVOA_X
ClientSampleId :

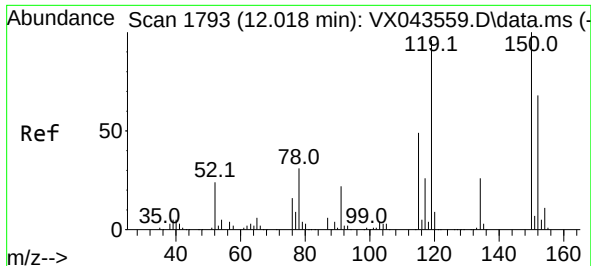
Tgt Ion: 95 Resp: 98368
Ion Ratio Lower Upper
95 100
174 76.8 0.0 146.6
176 73.4 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043663.D
Acq: 01 Nov 2024 14:43

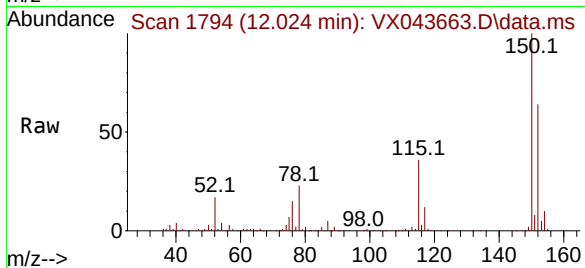
Tgt Ion: 117 Resp: 211761
Ion Ratio Lower Upper
117 100
82 52.4 42.1 63.1
119 32.2 25.4 38.2



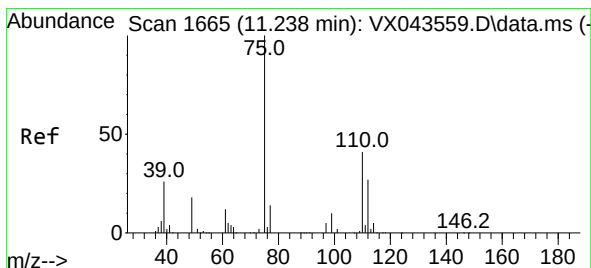
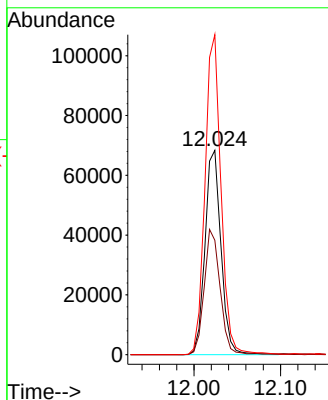
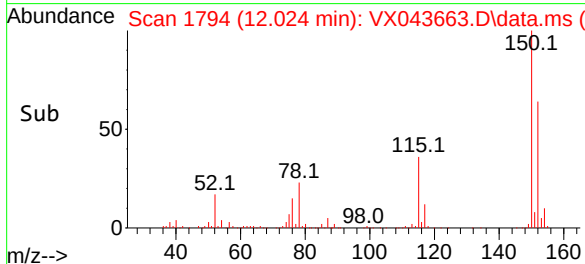


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX043663.D
 Acq: 01 Nov 2024 14:43

Instrument :
 MSVOA_X
 ClientSampleId :

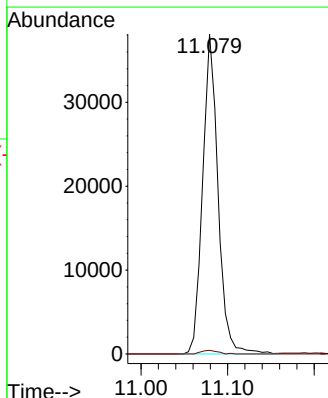
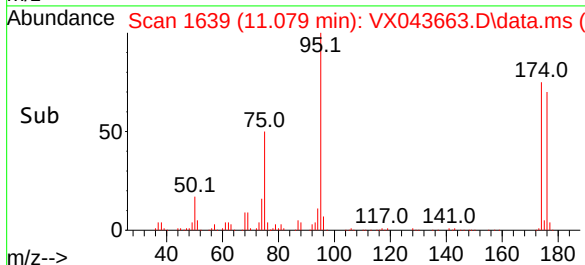
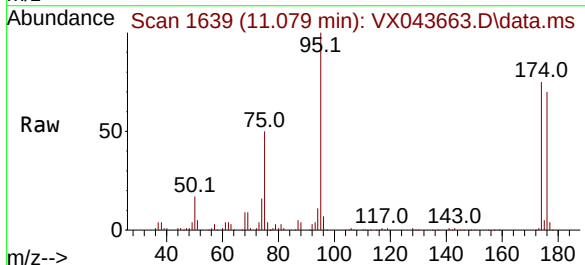


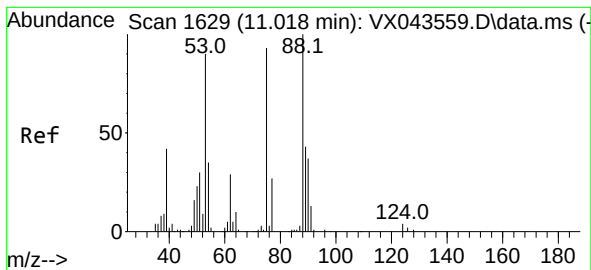
Tgt Ion:152 Resp: 87785
 Ion Ratio Lower Upper
 152 100
 115 61.2 42.9 128.7
 150 156.3 0.0 343.6



#76
 1,2,3-Trichloropropane
 Concen: 25.085 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX043663.D
 Acq: 01 Nov 2024 14:43

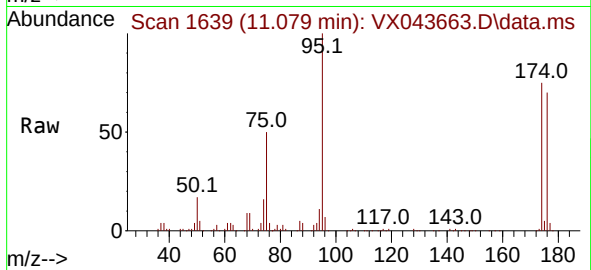
Tgt Ion: 75 Resp: 47083
 Ion Ratio Lower Upper
 75 100
 77 1.2 22.4 67.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.009 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043663.D
 Acq: 01 Nov 2024 14:43

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 47083
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.6 126.8#
 89 0.0 38.6 58.0#

