

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
 Data File : VX048453.D
 Acq On : 03 Nov 2025 13:58
 Operator : JC/MD
 Sample : Q3506-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 00:13:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	180470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	313503	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	234243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	116193	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	114016	43.929	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.860%
35) Dibromofluoromethane	5.373	113	86753	48.536	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.080%
50) Toluene-d8	8.634	98	298768	37.867	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	75.740%#
62) 4-Bromofluorobenzene	11.061	95	114814	38.900	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	77.800%#

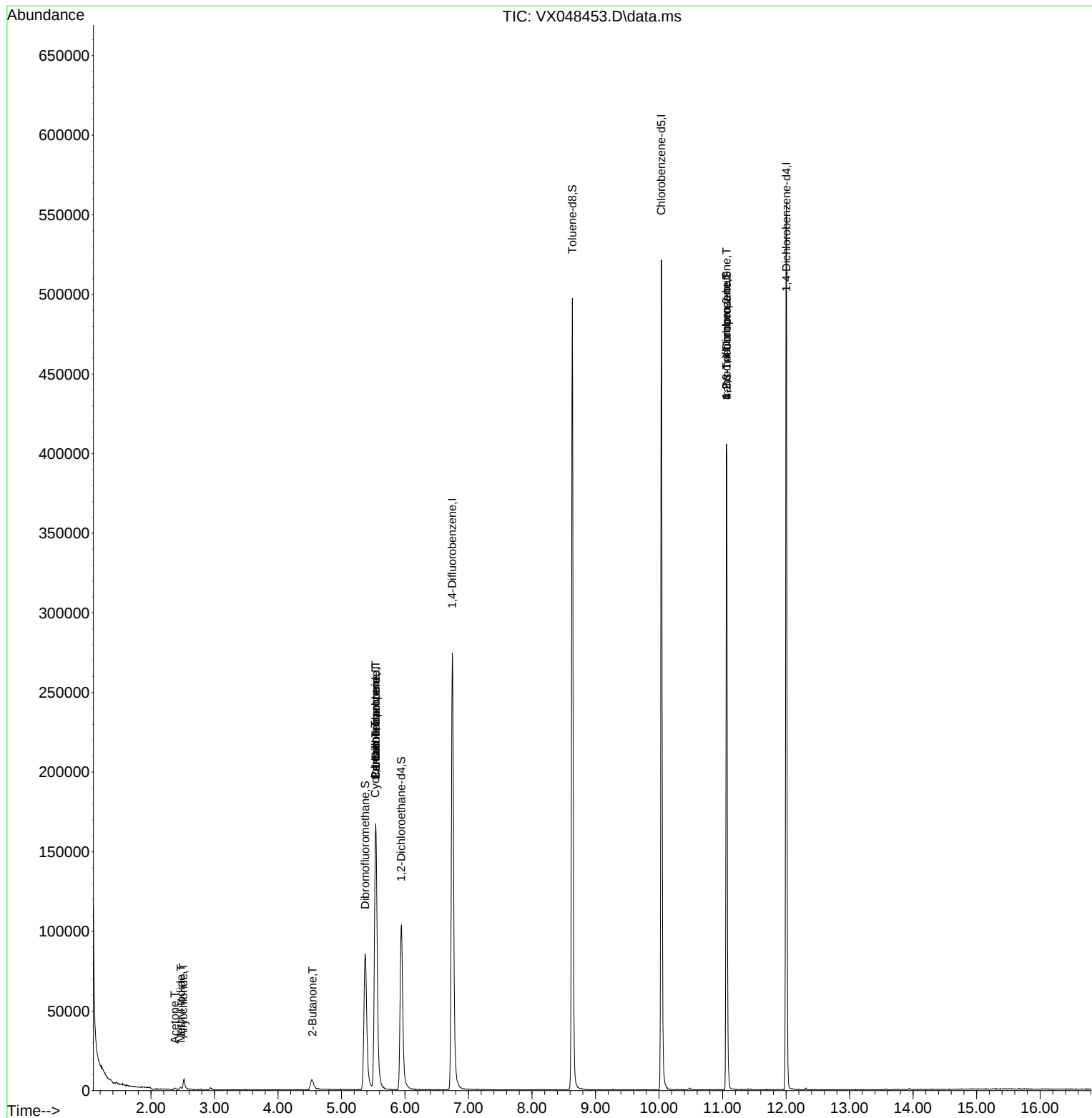
Target Compounds					Qvalue	
10) Methyl Iodide	2.471	142	1920	0.231	ug/l #	91
14) Allyl chloride	2.508	41	886	0.249	ug/l #	69
16) Acetone	2.373	43	1587	2.698	ug/l #	34
25) 2-Butanone	4.544	43	384	0.409	ug/l #	50
31) Cyclohexane	5.531	56	2934	0.818	ug/l #	1
36) 1,1-Dichloropropene	5.537	75	13088	4.360	ug/l #	49
38) Carbon Tetrachloride	5.537	117	18110	5.226	ug/l #	15
76) 1,2,3-Trichloropropane	11.061	75	61875	37.029	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	61875	128.141	ug/l #	10

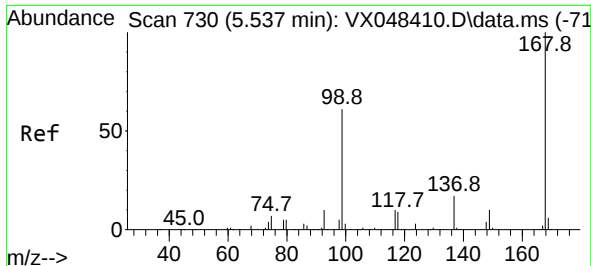
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048453.D
Acq On : 03 Nov 2025 13:58
Operator : JC/MD
Sample : Q3506-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 04 00:13:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.537 min Scan# 71

Delta R.T. 0.000 min

Lab File: VX048453.D

Acq: 03 Nov 2025 13:58

Instrument :

MSVOA_X

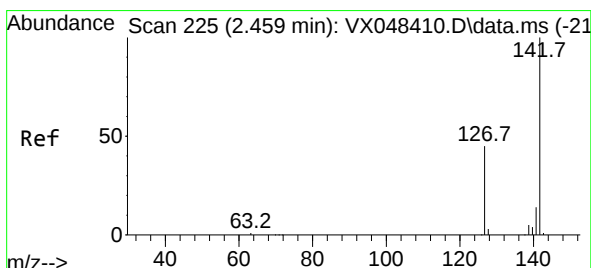
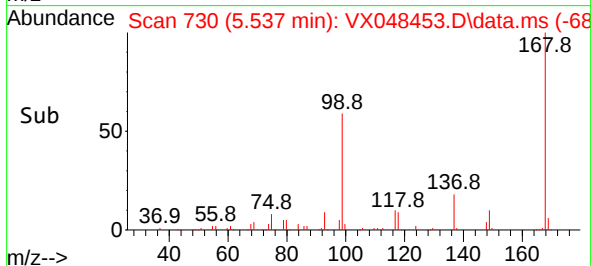
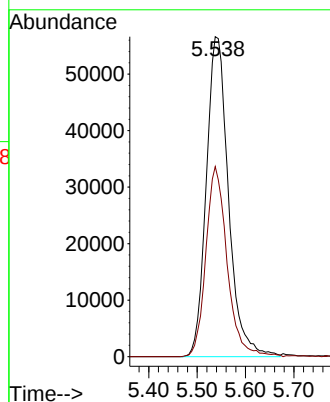
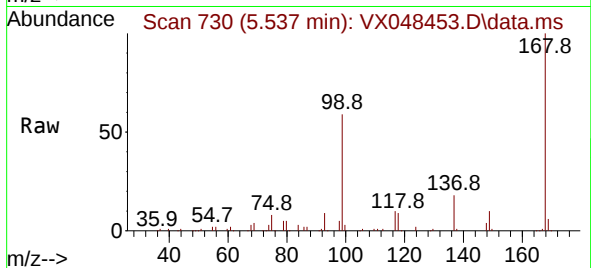
ClientSampleId :

Tgt Ion:168 Resp: 180470

Ion Ratio Lower Upper

168 100

99 59.4 46.4 69.6



#10

Methyl Iodide

Concen: 0.231 ug/l

RT: 2.471 min Scan# 227

Delta R.T. 0.012 min

Lab File: VX048453.D

Acq: 03 Nov 2025 13:58

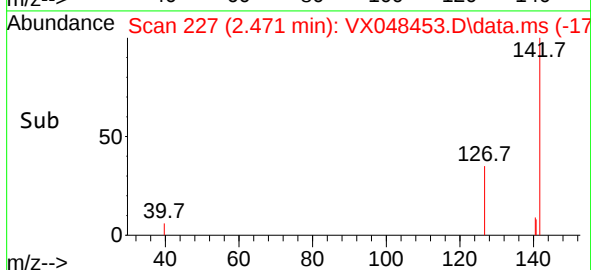
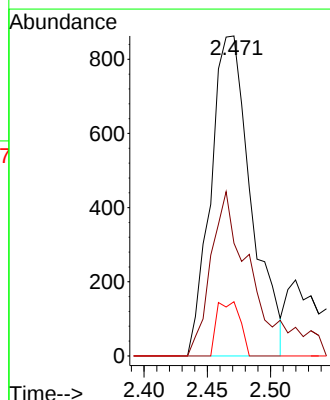
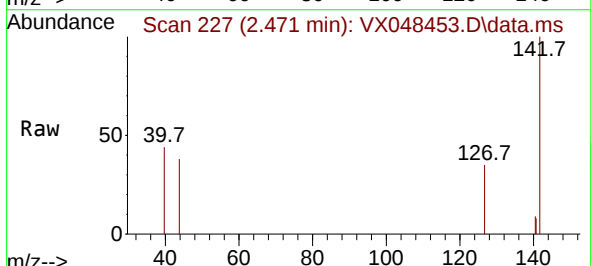
Tgt Ion:142 Resp: 1920

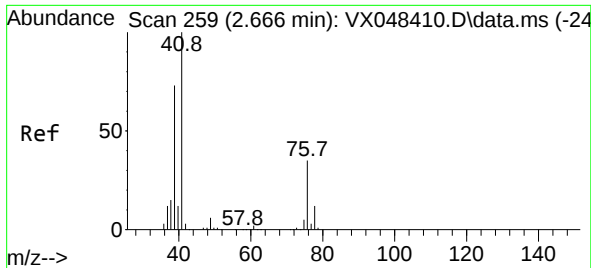
Ion Ratio Lower Upper

142 100

127 53.6 38.5 57.7

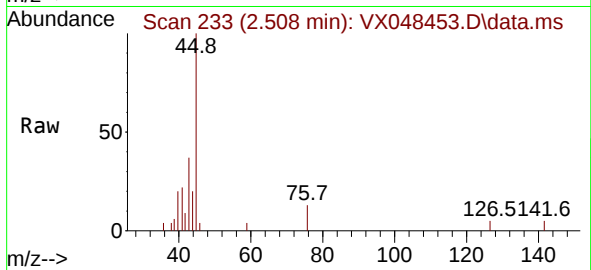
141 9.7 11.6 17.4#



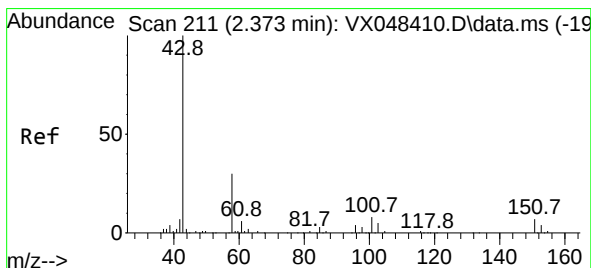
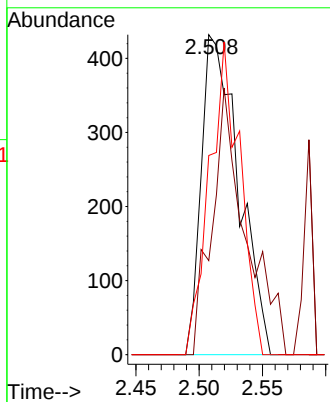
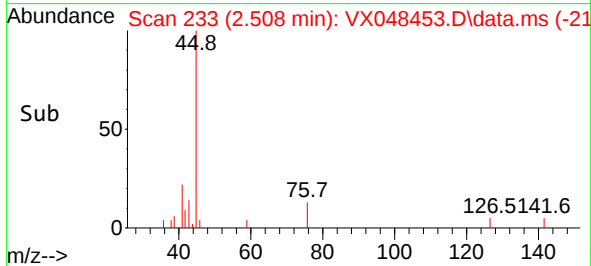


#14
 Allyl chloride
 Concen: 0.249 ug/l
 RT: 2.508 min Scan# 211
 Delta R.T. -0.159 min
 Lab File: VX048453.D
 Acq: 03 Nov 2025 13:58

Instrument :
 MSVOA_X
 ClientSampleId :

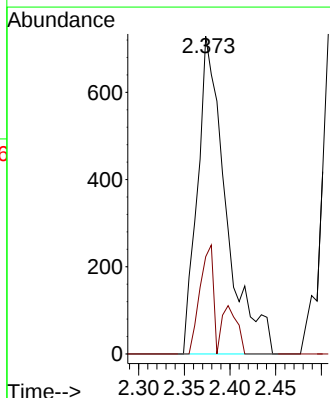
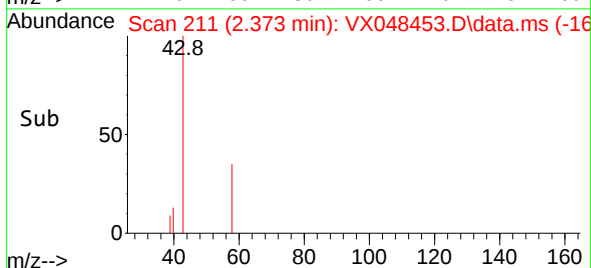
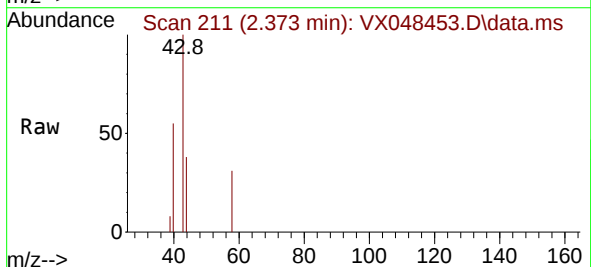


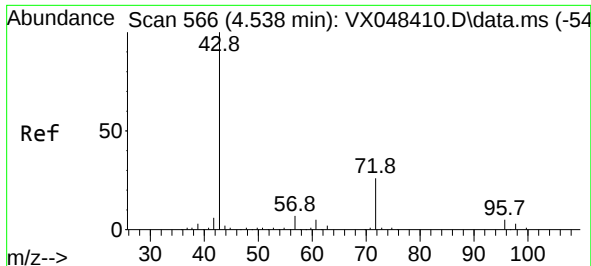
Tgt Ion: 41 Resp: 886
 Ion Ratio Lower Upper
 41 100
 39 75.6 56.0 84.0
 76 80.1 27.5 41.3#



#16
 Acetone
 Concen: 2.698 ug/l
 RT: 2.373 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VX048453.D
 Acq: 03 Nov 2025 13:58

Tgt Ion: 43 Resp: 1587
 Ion Ratio Lower Upper
 43 100
 58 64.5 23.4 35.2#





#25

2-Butanone

Concen: 0.409 ug/l

RT: 4.544 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX048453.D

Acq: 03 Nov 2025 13:58

Instrument :

MSVOA_X

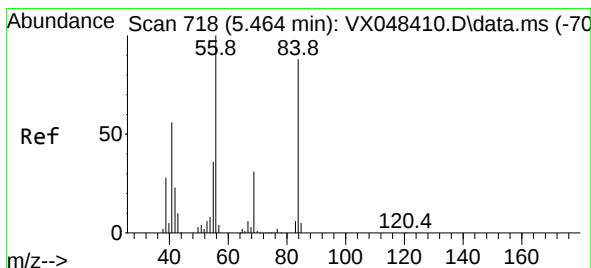
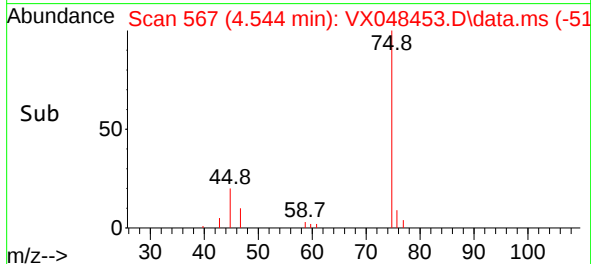
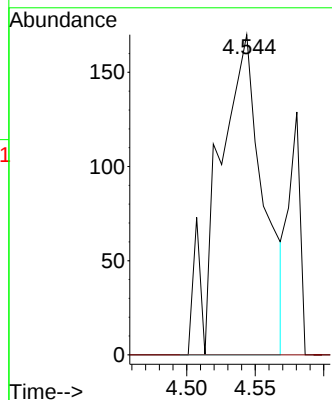
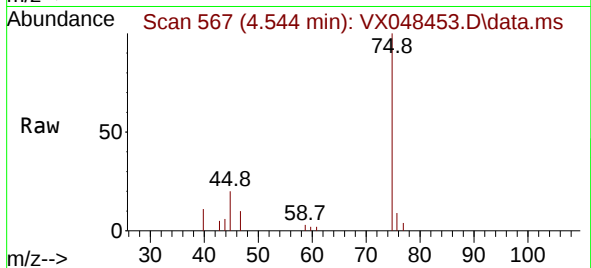
ClientSampleId :

Tgt Ion: 43 Resp: 384

Ion Ratio Lower Upper

43 100

72 0.0 19.9 29.9#



#31

Cyclohexane

Concen: 0.818 ug/l

RT: 5.531 min Scan# 729

Delta R.T. 0.067 min

Lab File: VX048453.D

Acq: 03 Nov 2025 13:58

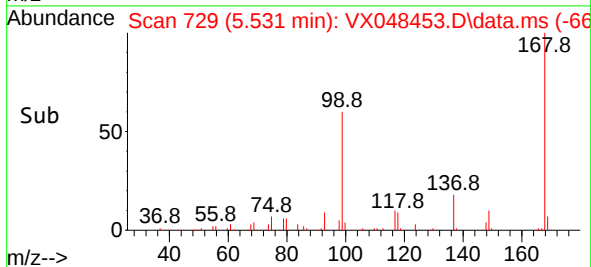
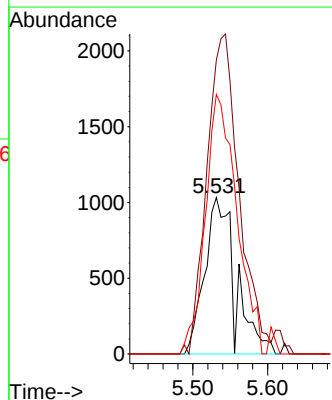
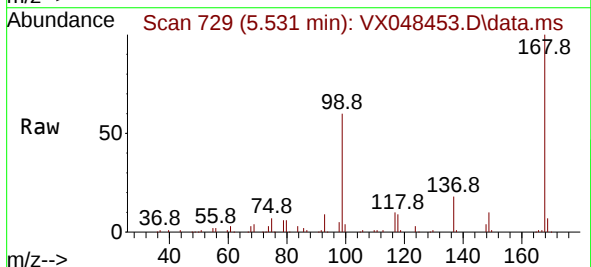
Tgt Ion: 56 Resp: 2934

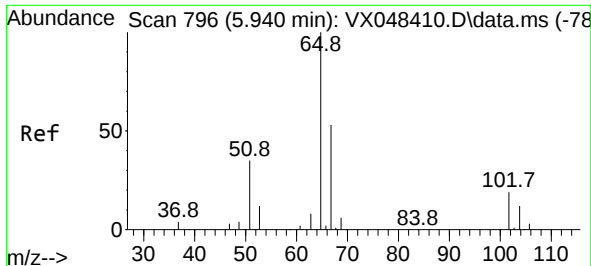
Ion Ratio Lower Upper

56 100

69 187.9 23.0 34.6#

84 165.8 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 43.929 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048453.D

Acq: 03 Nov 2025 13:58

Instrument :

MSVOA_X

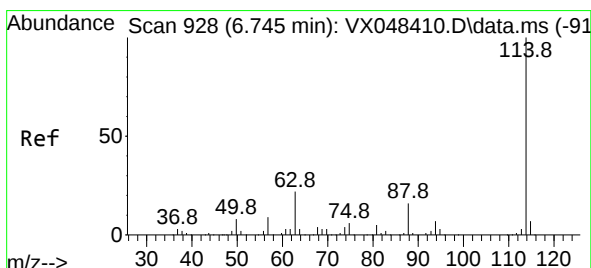
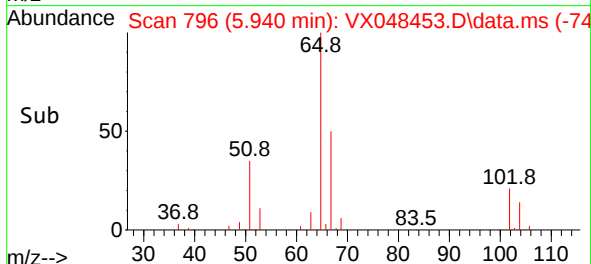
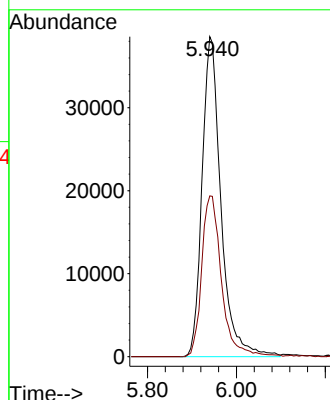
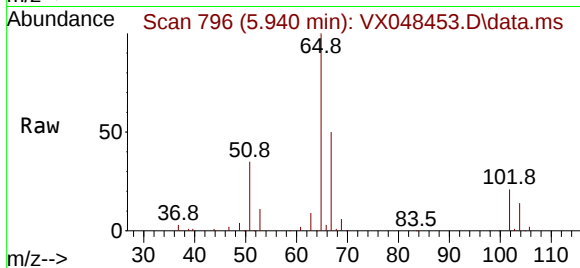
ClientSampleId :

Tgt Ion: 65 Resp: 114016

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. 0.000 min

Lab File: VX048453.D

Acq: 03 Nov 2025 13:58

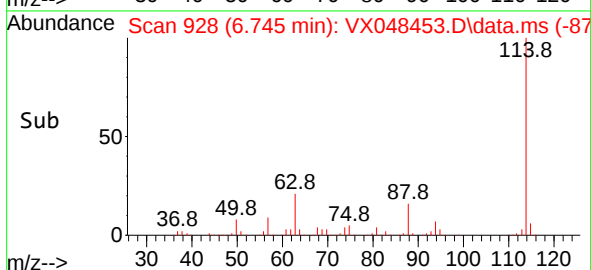
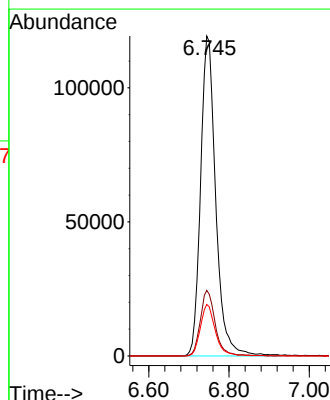
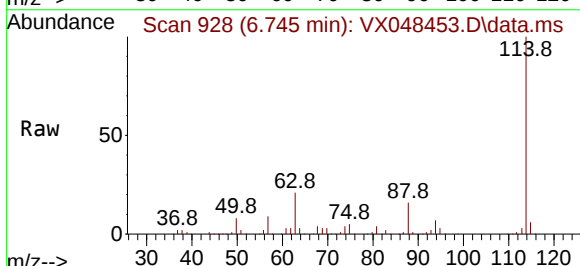
Tgt Ion: 114 Resp: 313503

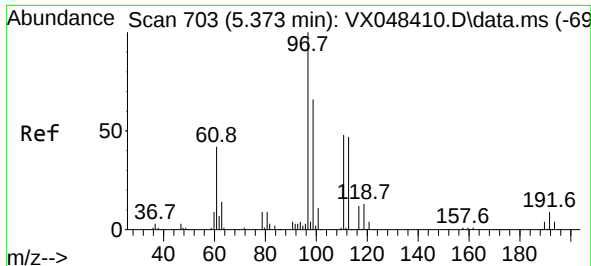
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

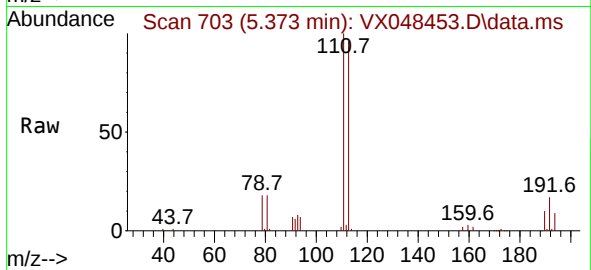
88 16.1 0.0 33.6



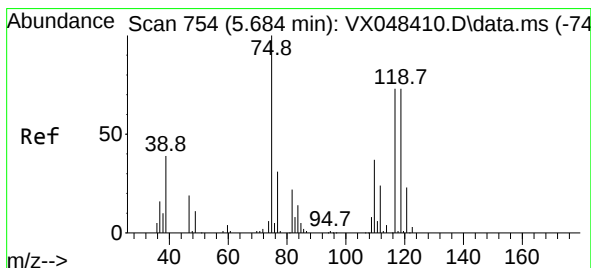
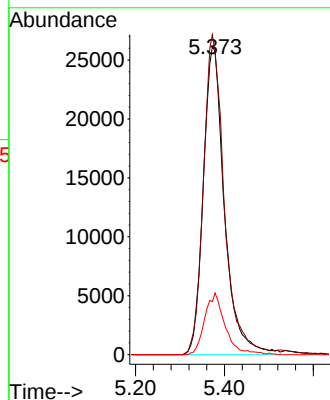
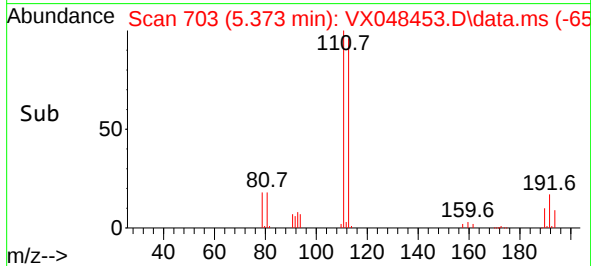


#35
Dibromofluoromethane
Concen: 48.536 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048453.D
Acq: 03 Nov 2025 13:58

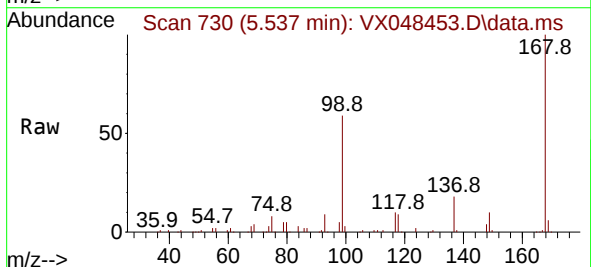
Instrument :
MSVOA_X
ClientSampleId :



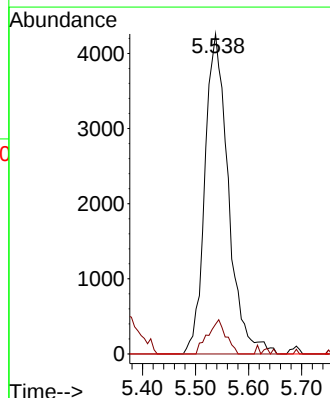
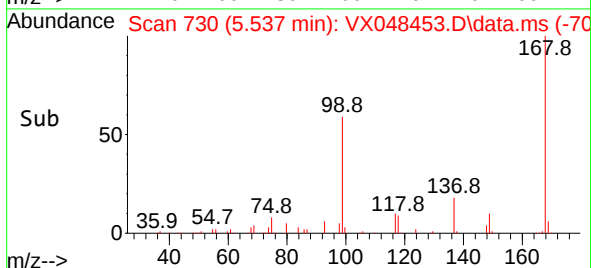
Tgt Ion:113 Resp: 86753
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 19.3 15.1 22.7

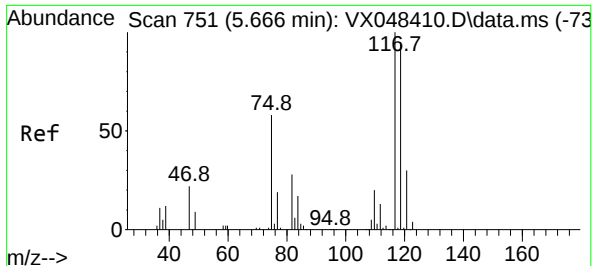


#36
1,1-Dichloropropene
Concen: 4.360 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX048453.D
Acq: 03 Nov 2025 13:58



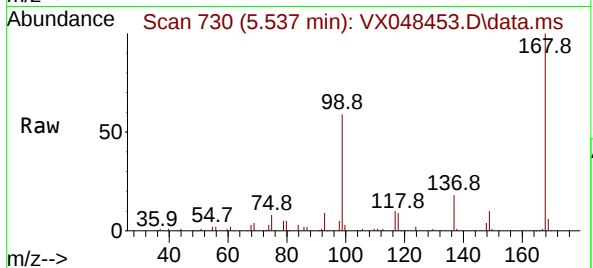
Tgt Ion: 75 Resp: 13088
Ion Ratio Lower Upper
75 100
110 8.3 17.7 53.1#
77 0.0 24.3 36.5#



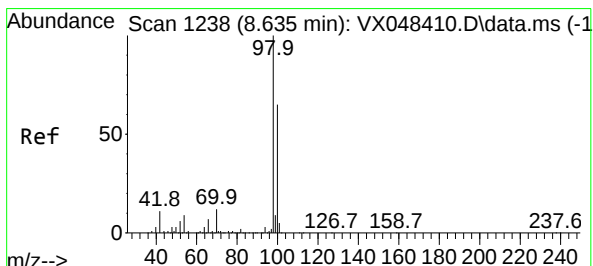
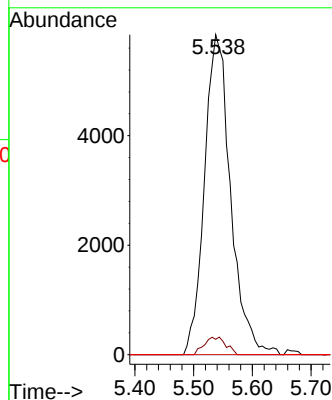
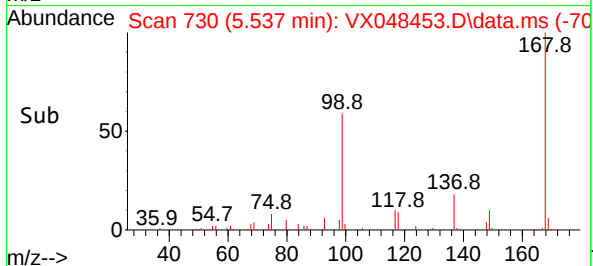


#38
Carbon Tetrachloride
Concen: 5.226 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX048453.D
Acq: 03 Nov 2025 13:58

Instrument :
MSVOA_X
ClientSampleId :

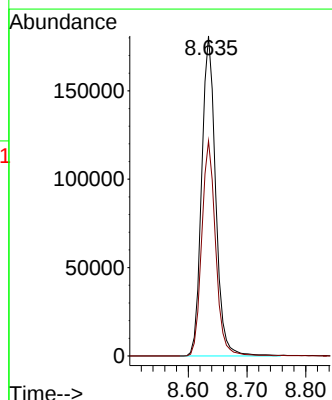
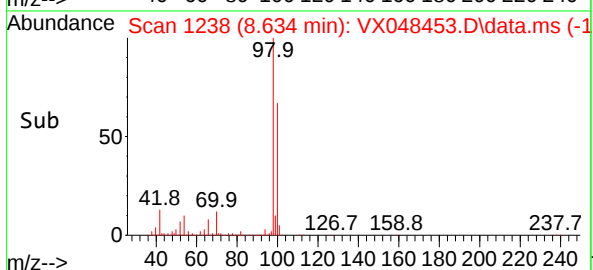
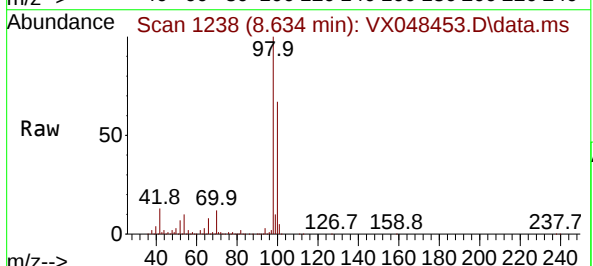


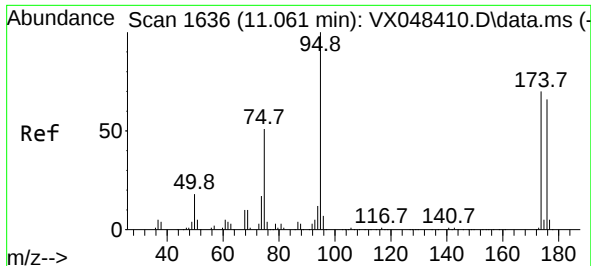
Tgt Ion:117 Resp: 18110
Ion Ratio Lower Upper
117 100
119 4.8 77.2 115.8#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 37.867 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048453.D
Acq: 03 Nov 2025 13:58

Tgt Ion: 98 Resp: 298768
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4

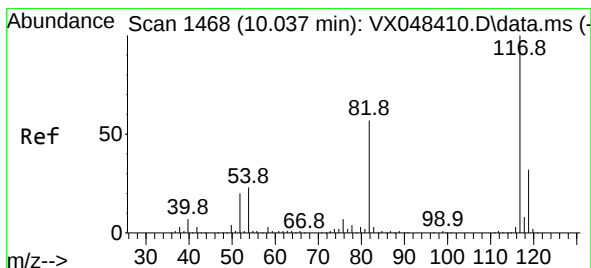
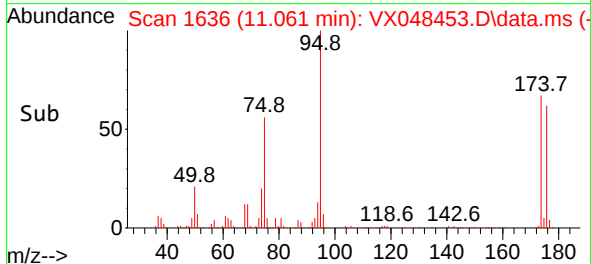
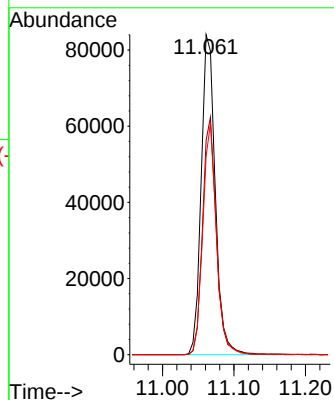
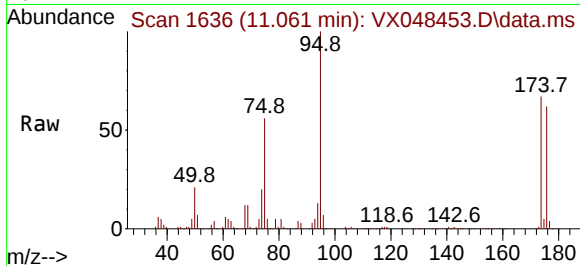




#62
4-Bromofluorobenzene
Concen: 38.900 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048453.D
Acq: 03 Nov 2025 13:58

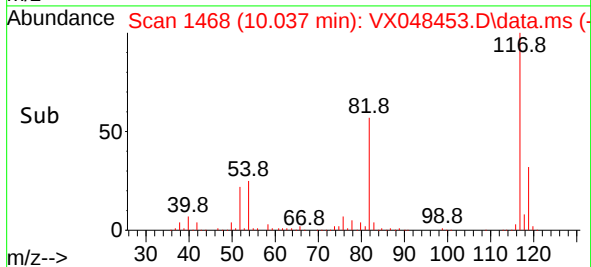
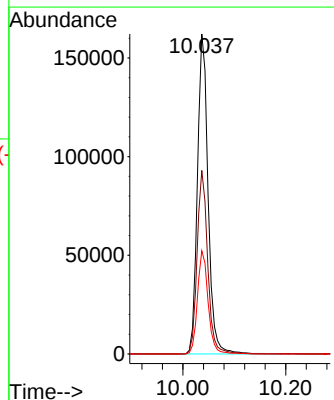
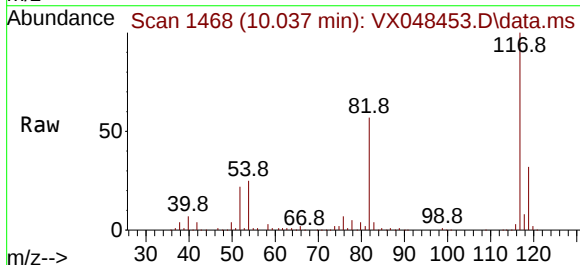
Instrument :
MSVOA_X
ClientSampleId :

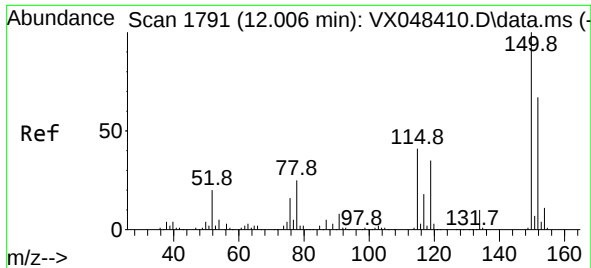
Tgt Ion: 95 Resp: 114814
Ion Ratio Lower Upper
95 100
174 72.7 0.0 147.8
176 70.1 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048453.D
Acq: 03 Nov 2025 13:58

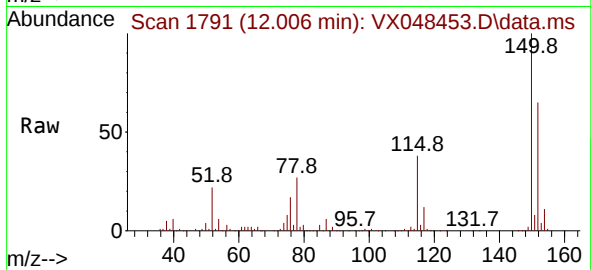
Tgt Ion: 117 Resp: 234243
Ion Ratio Lower Upper
117 100
82 57.3 46.5 69.7
119 32.3 25.9 38.9



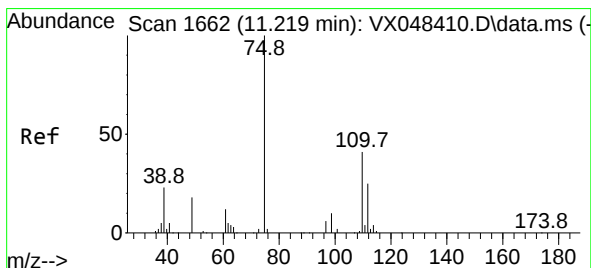
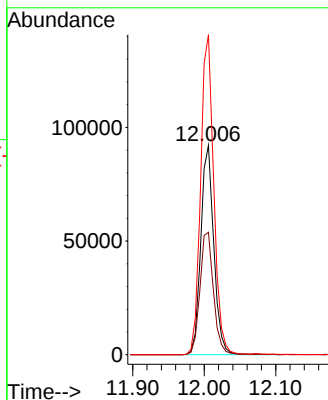
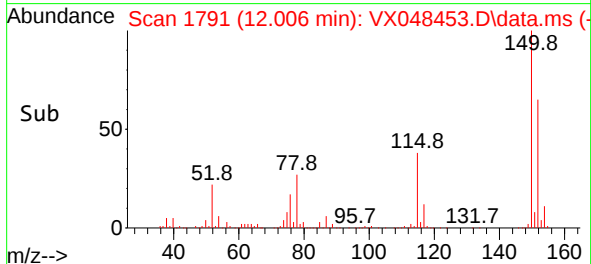


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048453.D
 Acq: 03 Nov 2025 13:58

Instrument :
 MSVOA_X
 ClientSampleId :

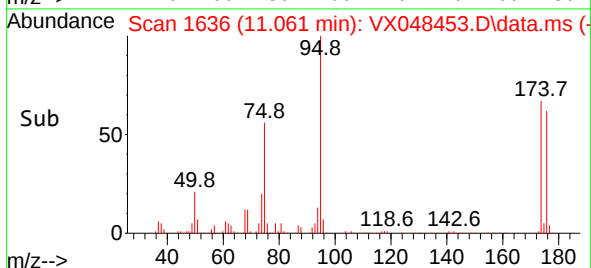
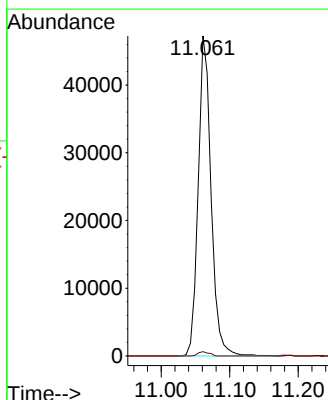
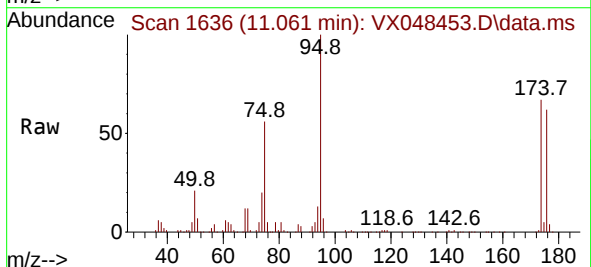


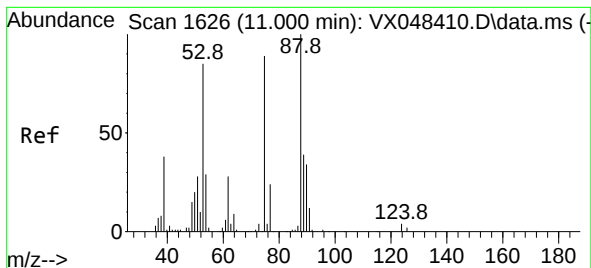
Tgt Ion:152 Resp: 116193
 Ion Ratio Lower Upper
 152 100
 115 61.1 43.1 129.4
 150 154.5 0.0 353.0



#76
 1,2,3-Trichloropropane
 Concen: 37.029 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX048453.D
 Acq: 03 Nov 2025 13:58

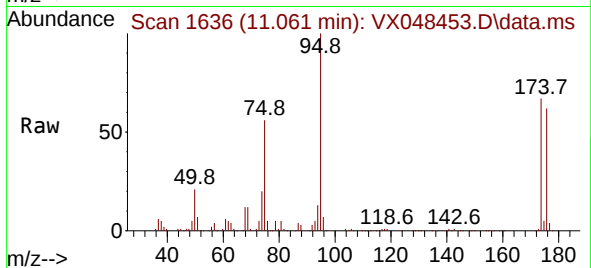
Tgt Ion: 75 Resp: 61875
 Ion Ratio Lower Upper
 75 100
 77 1.2 22.4 67.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.141 ug/l
 RT: 11.061 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX048453.D
 Acq: 03 Nov 2025 13:58

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 61875
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.5 119.3#
 89 0.0 36.8 55.2#

