

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070125\
 Data File : VX046857.D
 Acq On : 01 Jul 2025 14:00
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 02 01:41:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

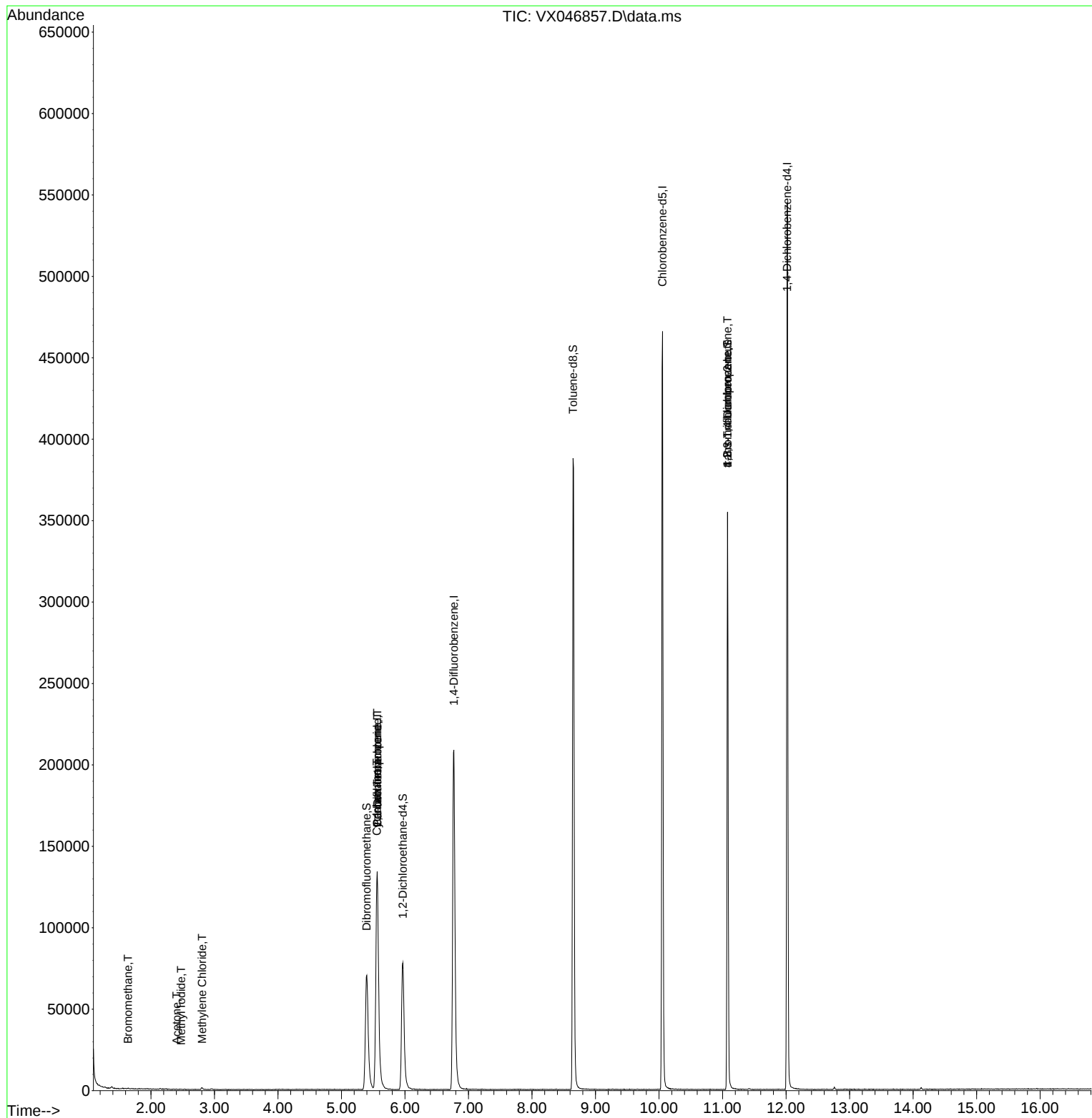
Internal Standards						
1) Pentafluorobenzene	5.562	168	140405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234537	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	108996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	84239	43.376	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.760%		
35) Dibromofluoromethane	5.397	113	69216	44.605	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.200%		
50) Toluene-d8	8.647	98	247206	44.341	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.680%		
62) 4-Bromofluorobenzene	11.079	95	94637	45.537	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.080%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	229	0.236	ug/l #	4
10) Methyl Iodide	2.477	142	185	4.418	ug/l #	38
16) Acetone	2.404	43	139	0.215	ug/l #	44
20) Methylene Chloride	2.806	84	548	0.304	ug/l #	90
31) Cyclohexane	5.556	56	2981	1.025	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	10813	4.827	ug/l #	51
38) Carbon Tetrachloride	5.562	117	13772	5.665	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	47418	23.753	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47418	67.140	ug/l #	7

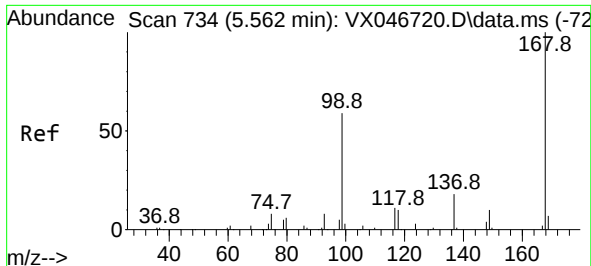
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070125\
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Instrument :
MSVOA_X
ClientSampleId :

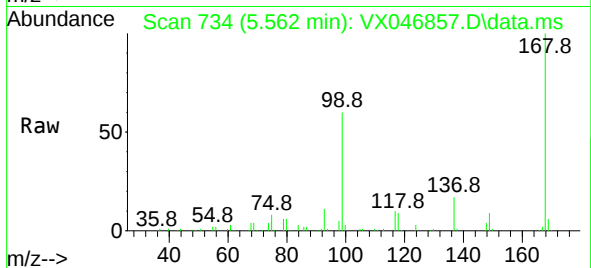
Quant Time: Jul 02 01:41:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



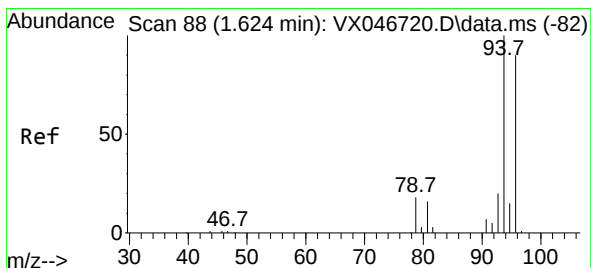
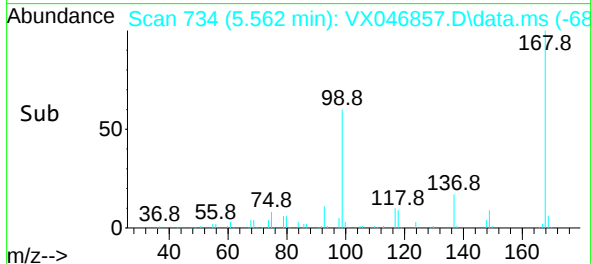
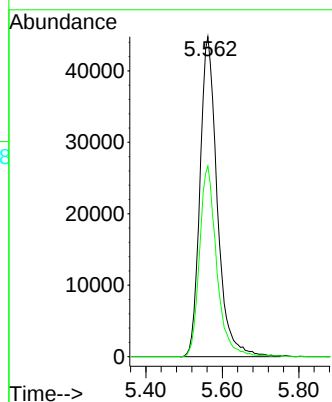


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046857.D
Acq: 01 Jul 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :

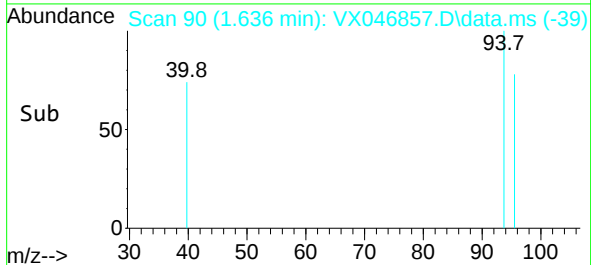
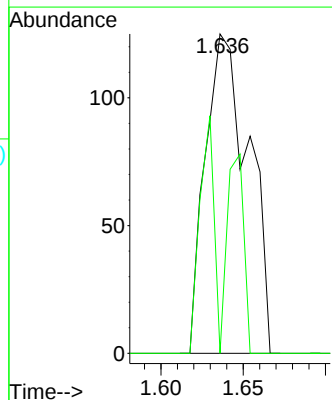
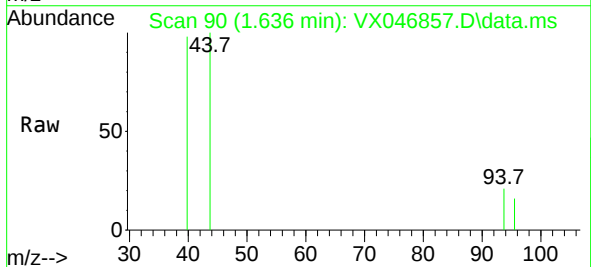


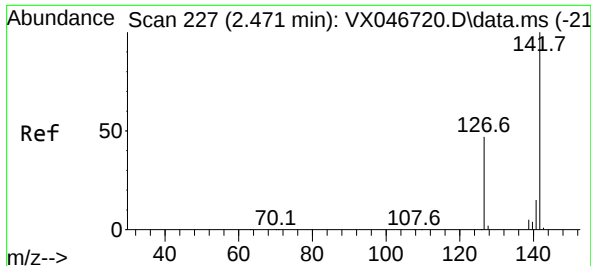
Tgt Ion:168 Resp: 140405
Ion Ratio Lower Upper
168 100
99 59.6 48.5 72.7



#5
Bromomethane
Concen: 0.236 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX046857.D
Acq: 01 Jul 2025 14:00

Tgt Ion: 94 Resp: 229
Ion Ratio Lower Upper
94 100
96 0.0 72.3 108.5#

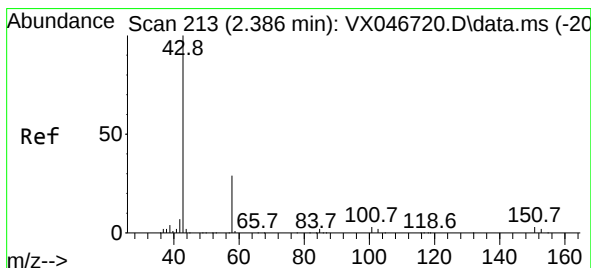
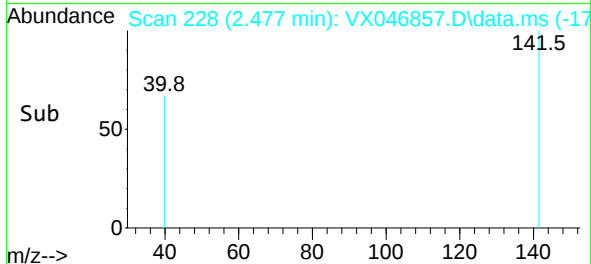
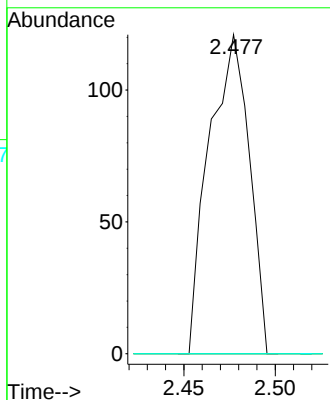
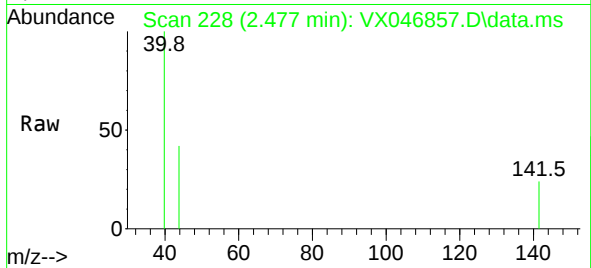




#10
Methyl Iodide
Concen: 4.418 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046857.D
Acq: 01 Jul 2025 14:00

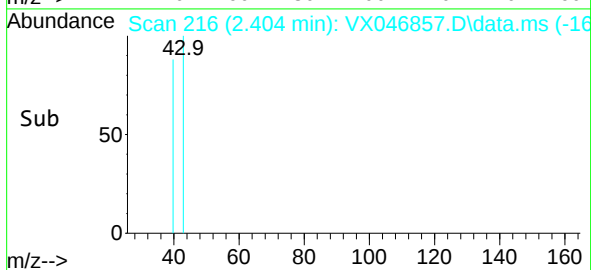
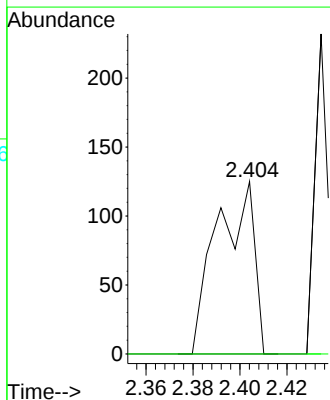
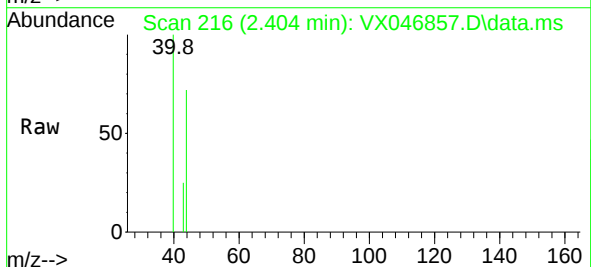
Instrument :
MSVOA_X
ClientSampleId :

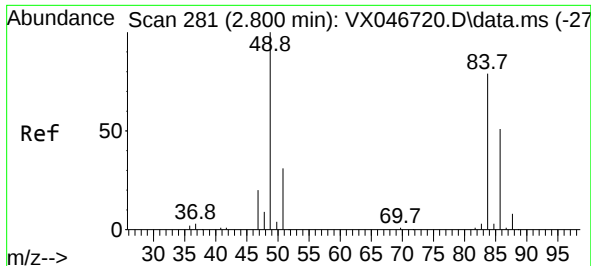
Tgt Ion:142 Resp: 185
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.6#
141 0.0 11.5 17.3#



#16
Acetone
Concen: 0.215 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.018 min
Lab File: VX046857.D
Acq: 01 Jul 2025 14:00

Tgt Ion: 43 Resp: 139
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#





#20

Methylene Chloride

Concen: 0.304 ug/l

RT: 2.806 min Scan# 21

Delta R.T. 0.006 min

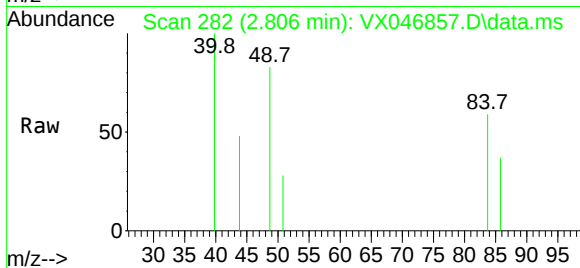
Lab File: VX046857.D

Acq: 01 Jul 2025 14:00

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 548

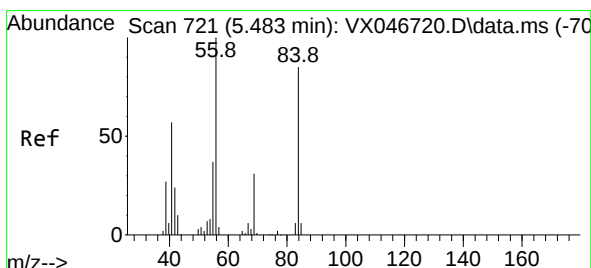
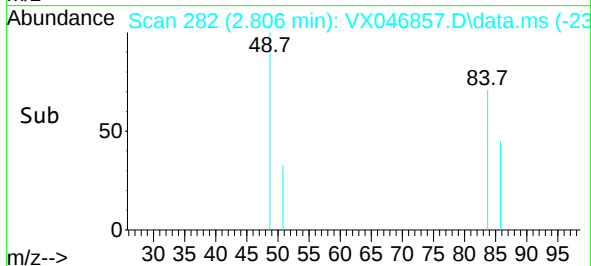
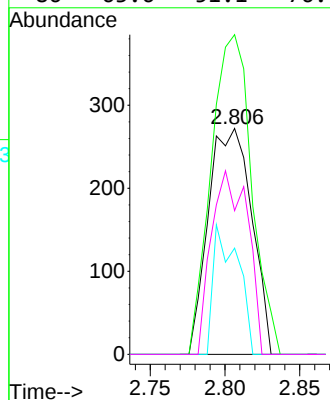
Ion Ratio Lower Upper

84 100

49 141.5 101.3 151.9

51 47.1 31.0 46.6#

86 63.6 51.1 76.7



#31

Cyclohexane

Concen: 1.025 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.073 min

Lab File: VX046857.D

Acq: 01 Jul 2025 14:00

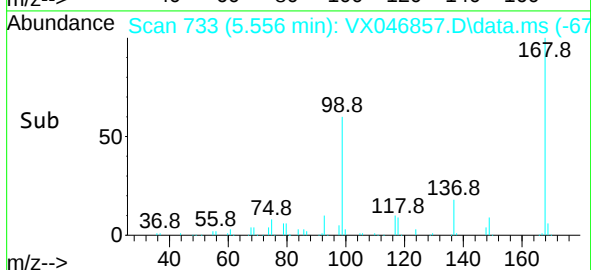
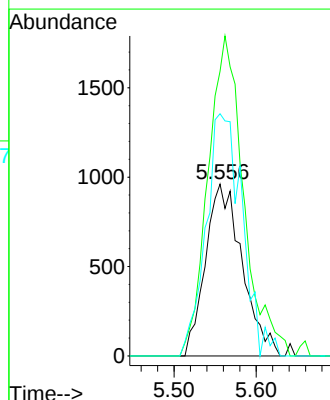
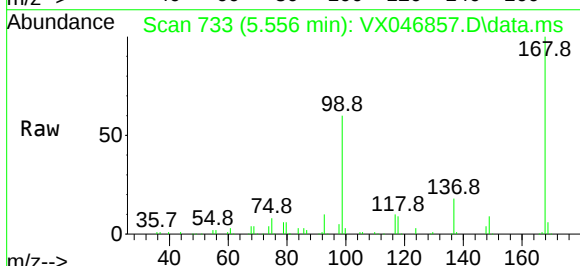
Tgt Ion: 56 Resp: 2981

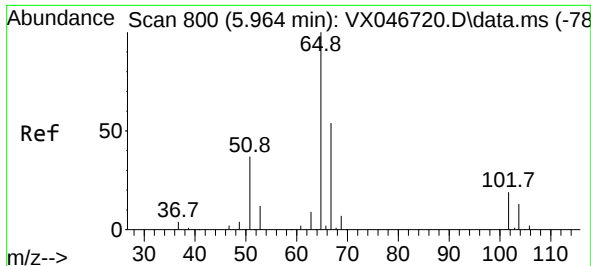
Ion Ratio Lower Upper

56 100

69 165.7 24.8 37.2#

84 141.0 68.2 102.2#





#33

1,2-Dichloroethane-d4

Concen: 43.376 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX046857.D

Acq: 01 Jul 2025 14:00

Instrument :

MSVOA_X

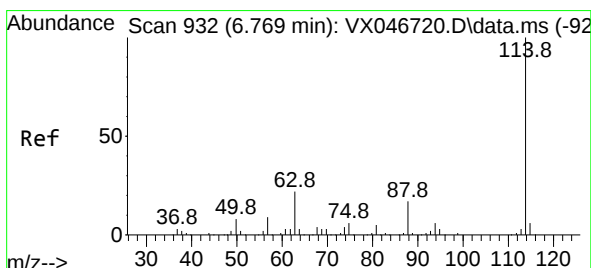
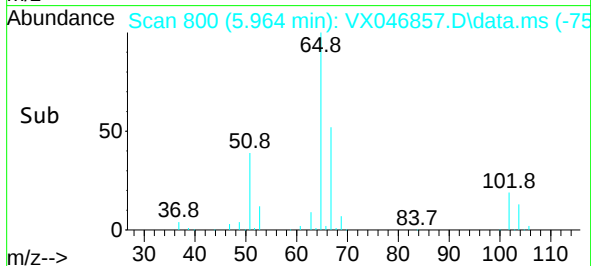
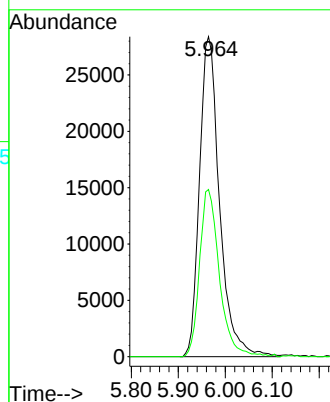
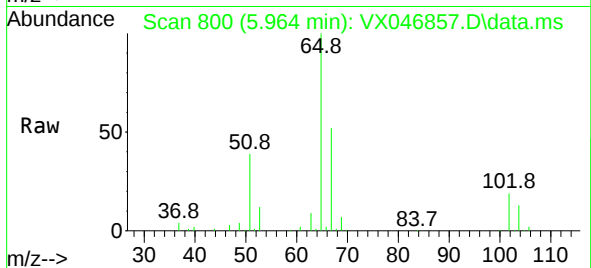
ClientSampleId :

Tgt Ion: 65 Resp: 84239

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX046857.D

Acq: 01 Jul 2025 14:00

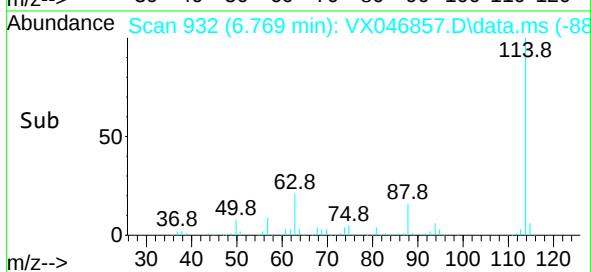
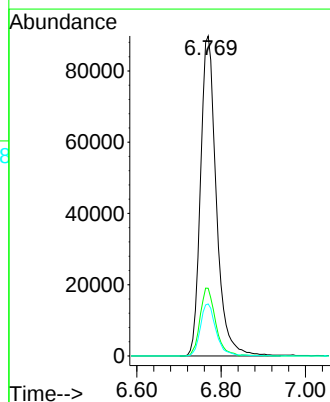
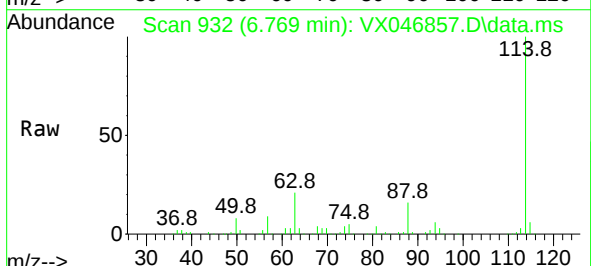
Tgt Ion: 114 Resp: 234537

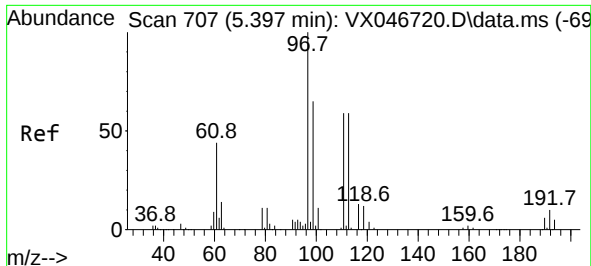
Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.2

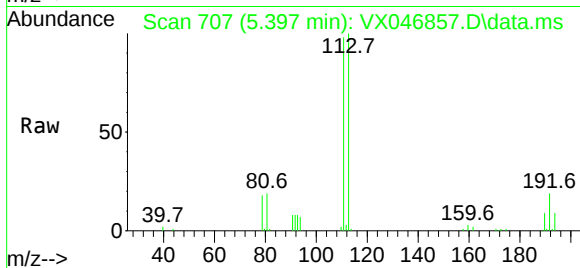
88 16.2 0.0 33.2



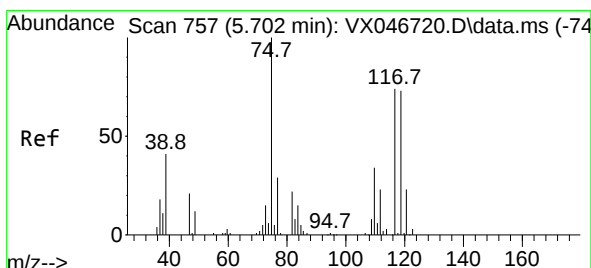
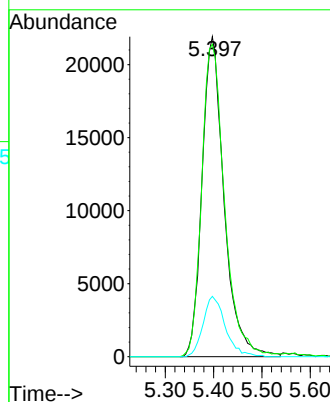
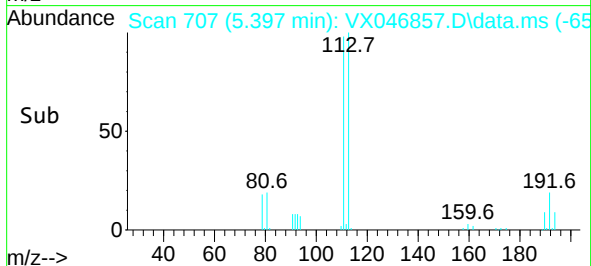


#35
Dibromofluoromethane
Concen: 44.605 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046857.D
Acq: 01 Jul 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :

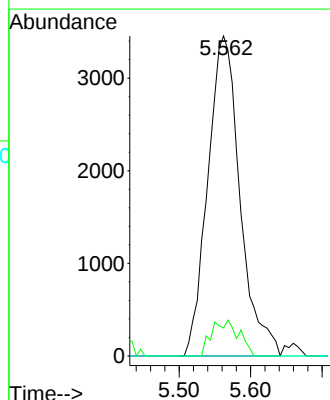
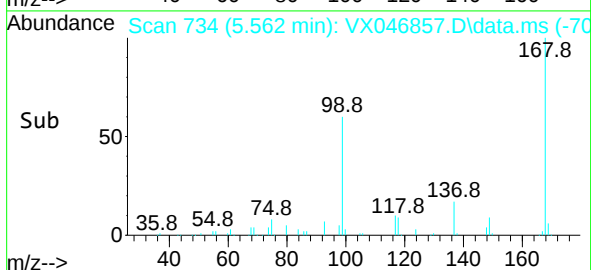
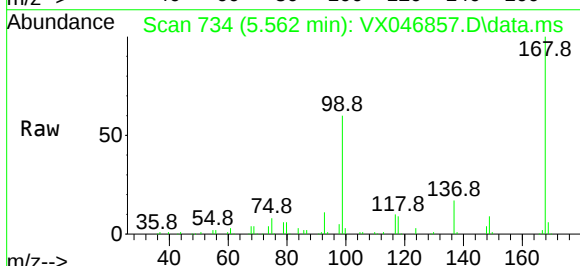


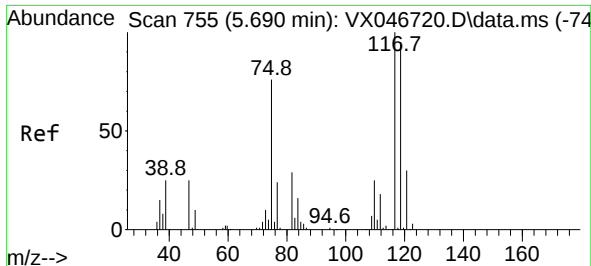
Tgt Ion:113 Resp: 69216
Ion Ratio Lower Upper
113 100
111 101.5 82.0 123.0
192 19.1 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.827 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX046857.D
Acq: 01 Jul 2025 14:00

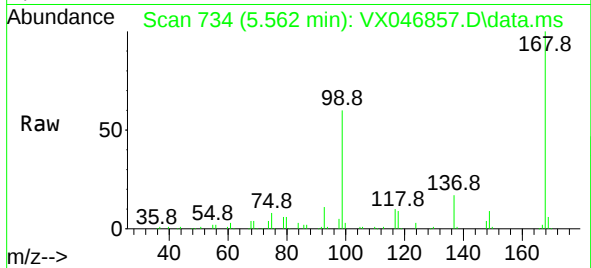
Tgt Ion: 75 Resp: 10813
Ion Ratio Lower Upper
75 100
110 9.4 17.2 51.5#
77 0.0 24.2 36.4#



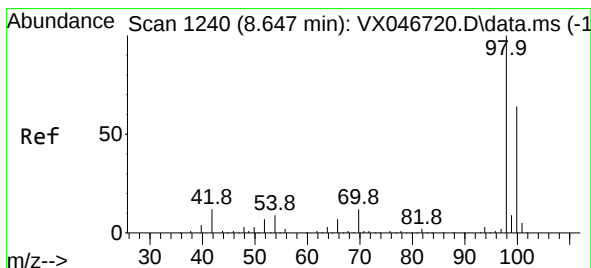
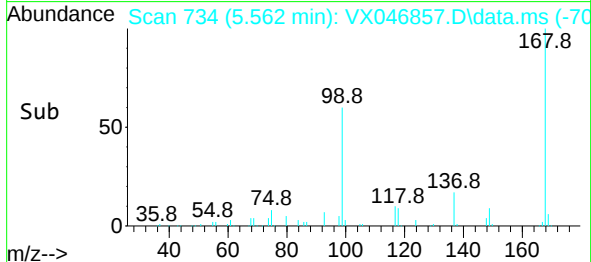
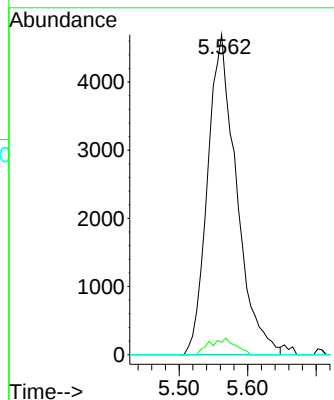


#38
Carbon Tetrachloride
Concen: 5.665 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046857.D
Acq: 01 Jul 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :

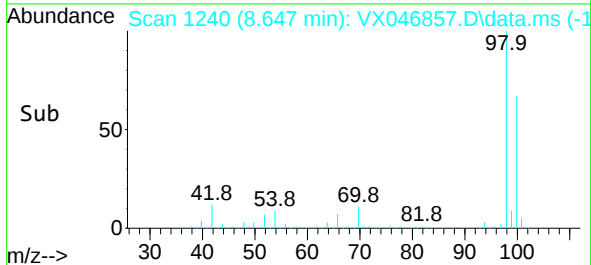
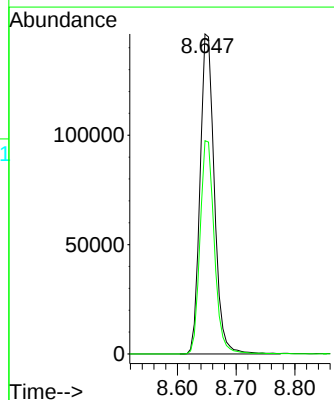
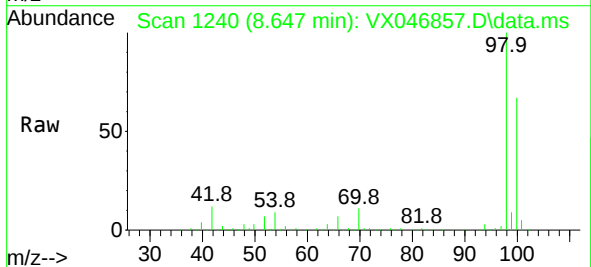


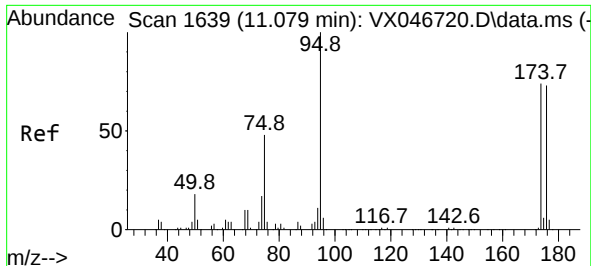
Tgt Ion:117 Resp: 13772
Ion Ratio Lower Upper
117 100
119 3.9 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 44.341 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046857.D
Acq: 01 Jul 2025 14:00

Tgt Ion: 98 Resp: 247206
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4

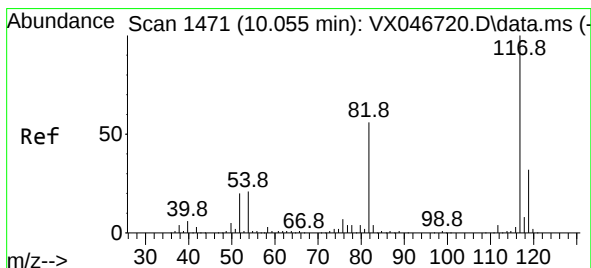
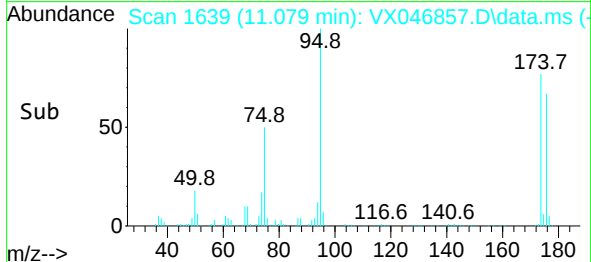
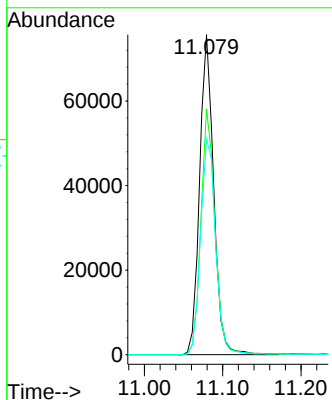
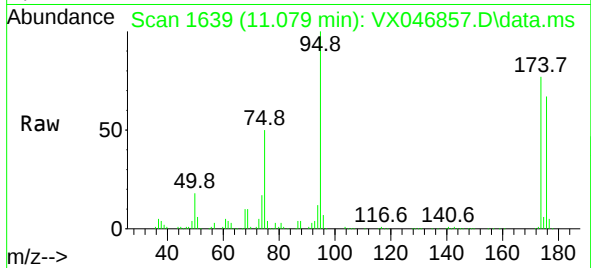




#62
4-Bromofluorobenzene
Concen: 45.537 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046857.D
Acq: 01 Jul 2025 14:00

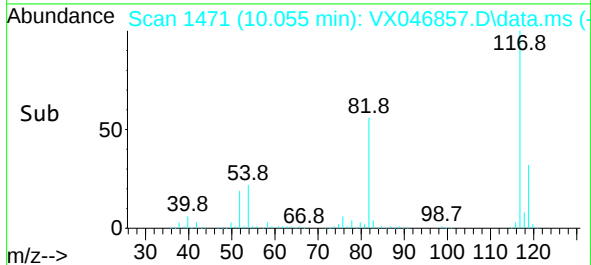
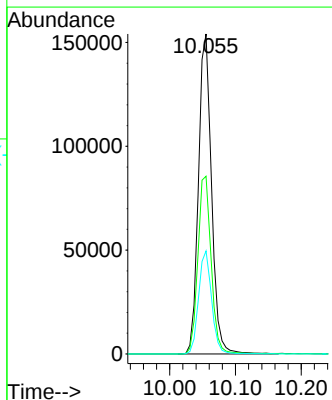
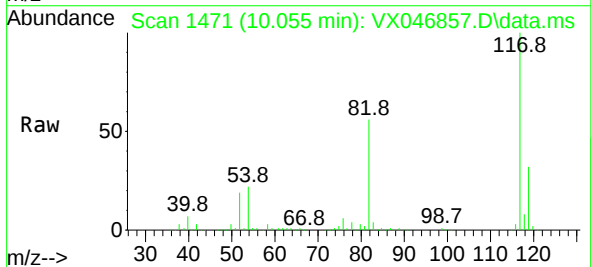
Instrument :
MSVOA_X
ClientSampleId :

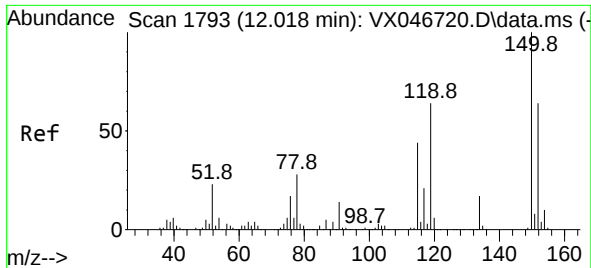
Tgt Ion: 95 Resp: 94637
Ion Ratio Lower Upper
95 100
174 76.8 0.0 150.4
176 71.8 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046857.D
Acq: 01 Jul 2025 14:00

Tgt Ion: 117 Resp: 213180
Ion Ratio Lower Upper
117 100
82 55.6 44.6 66.8
119 32.2 25.8 38.8

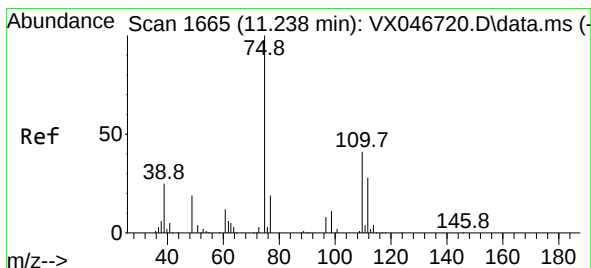
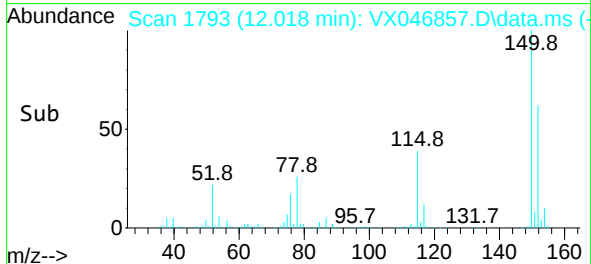
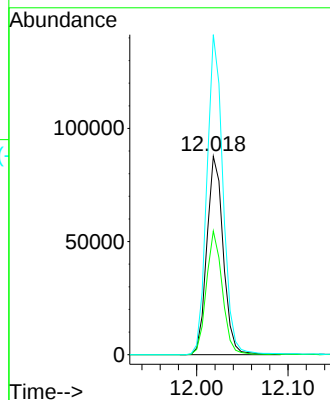
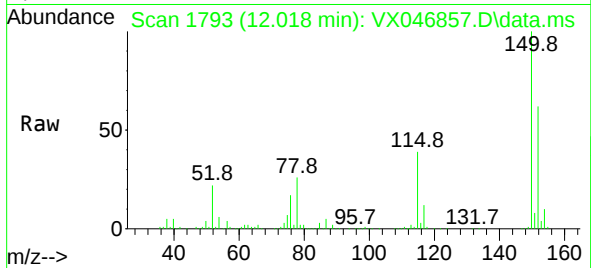




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046857.D
Acq: 01 Jul 2025 14:00

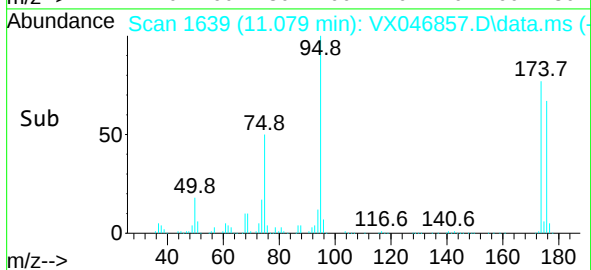
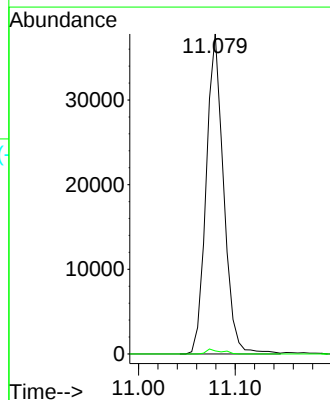
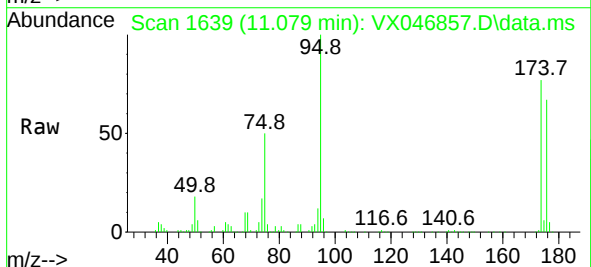
Instrument :
MSVOA_X
ClientSampleId :

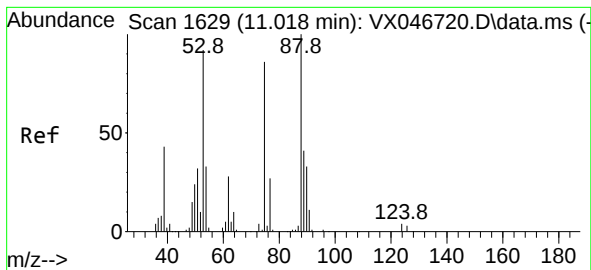
Tgt Ion:152 Resp: 108996
Ion Ratio Lower Upper
152 100
115 60.7 43.2 129.6
150 158.6 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 23.753 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046857.D
Acq: 01 Jul 2025 14:00

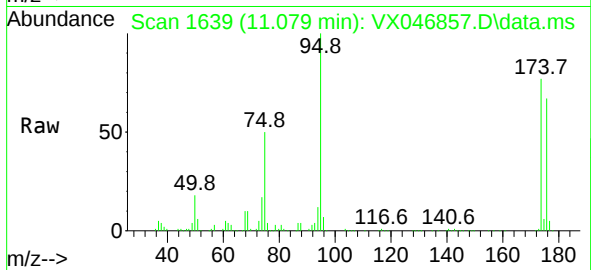
Tgt Ion: 75 Resp: 47418
Ion Ratio Lower Upper
75 100
77 1.3 18.5 55.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.140 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX046857.D
Acq: 01 Jul 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 47418
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#

