

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070125\
 Data File : VX046852.D
 Acq On : 01 Jul 2025 12:15
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 02 01:40:20 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	122077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	211259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	99700	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	93070	55.119	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.240%
35) Dibromofluoromethane	5.397	113	74839	53.542	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.080%
50) Toluene-d8	8.647	98	254800	50.739	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.480%
62) 4-Bromofluorobenzene	11.079	95	100654	53.769	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.540%

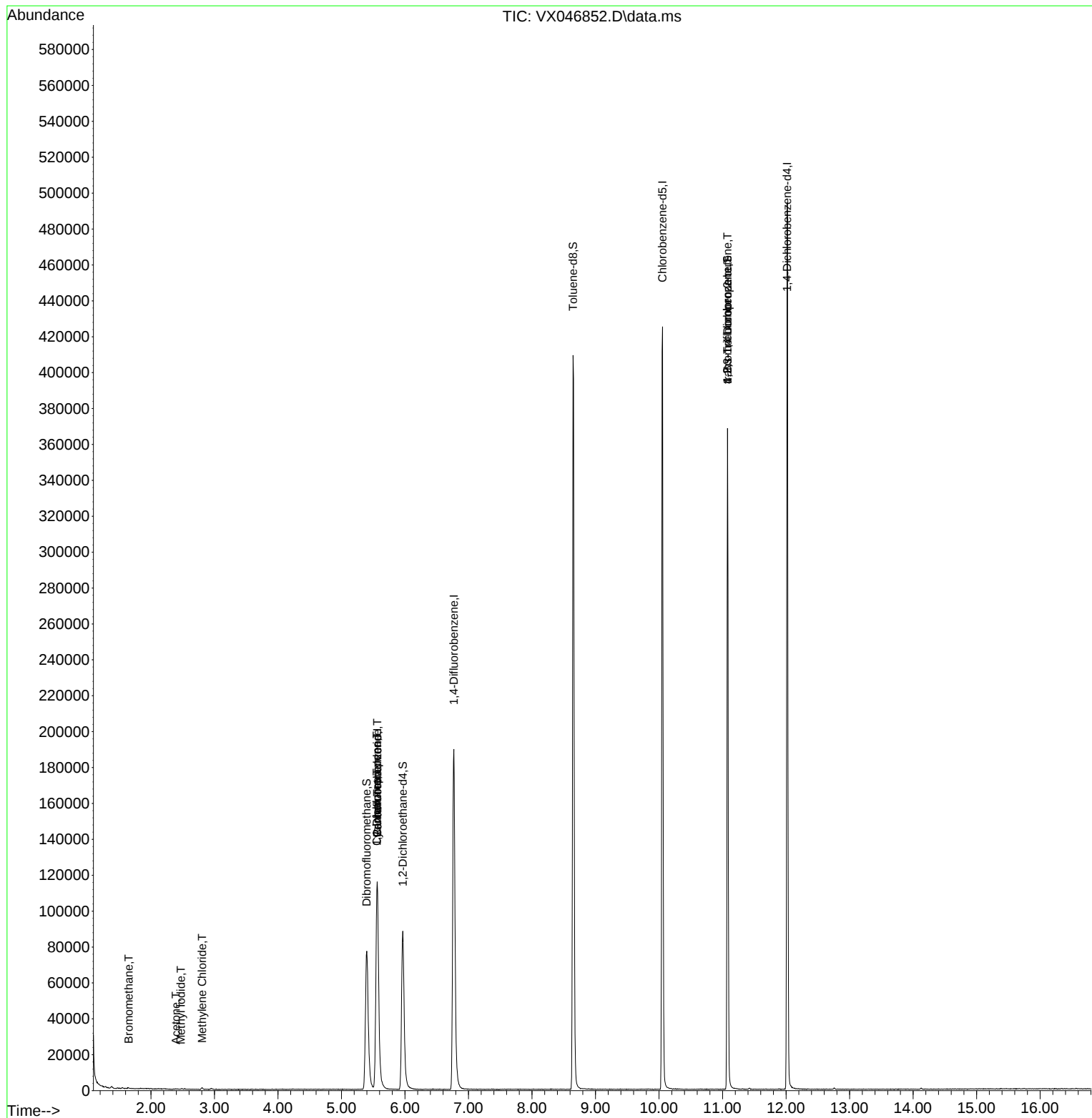
Target Compounds					Qvalue	
5) Bromomethane	1.648	94	323	0.383	ug/l #	78
10) Methyl Iodide	2.471	142	427	4.557	ug/l #	84
16) Acetone	2.392	43	470	0.835	ug/l #	44
20) Methylene Chloride	2.806	84	529	0.338	ug/l #	70
31) Cyclohexane	5.556	56	2546	1.007	ug/l #	3
36) 1,1-Dichloropropene	5.556	75	9484	4.700	ug/l #	51
38) Carbon Tetrachloride	5.562	117	12274	5.605	ug/l #	18
76) 1,2,3-Trichloropropane	11.079	75	50232	27.509	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	50232	77.756	ug/l #	7

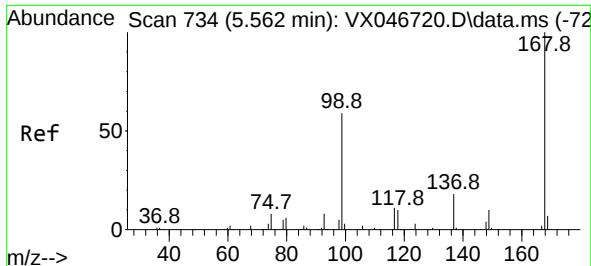
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070125\
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

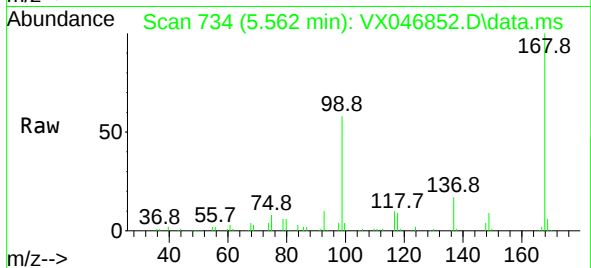
Quant Time: Jul 02 01:40:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



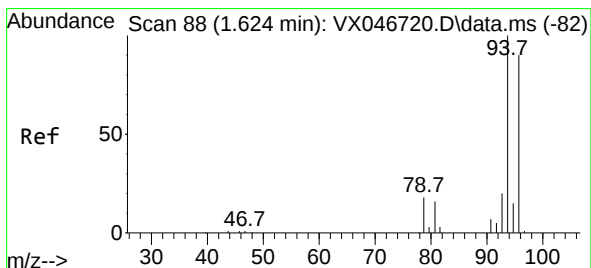
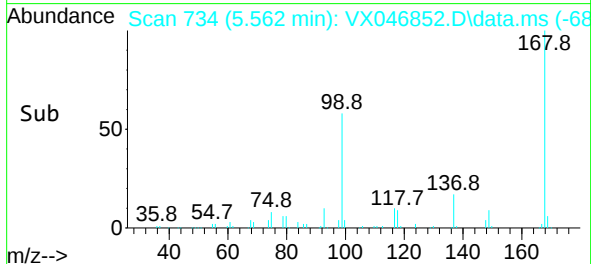
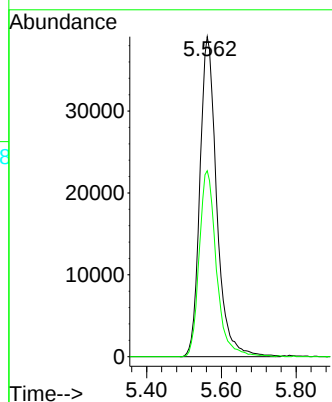


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046852.D
Acq: 01 Jul 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :

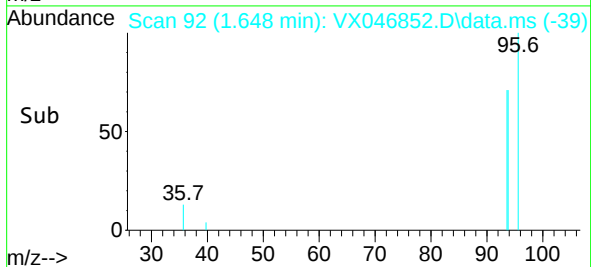
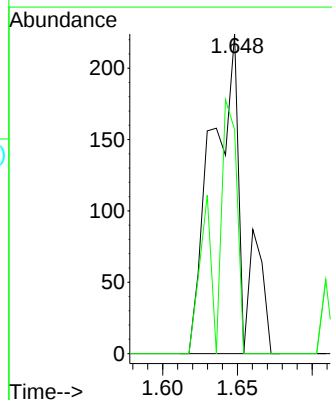
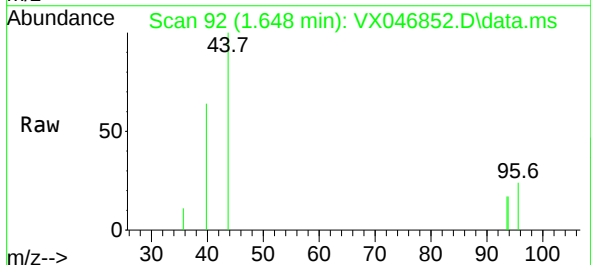


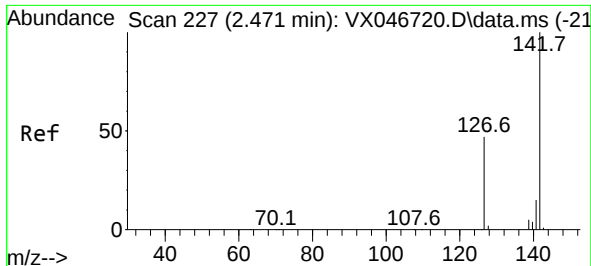
Tgt Ion:168 Resp: 122077
Ion Ratio Lower Upper
168 100
99 58.1 48.5 72.7



#5
Bromomethane
Concen: 0.383 ug/l
RT: 1.648 min Scan# 92
Delta R.T. 0.024 min
Lab File: VX046852.D
Acq: 01 Jul 2025 12:15

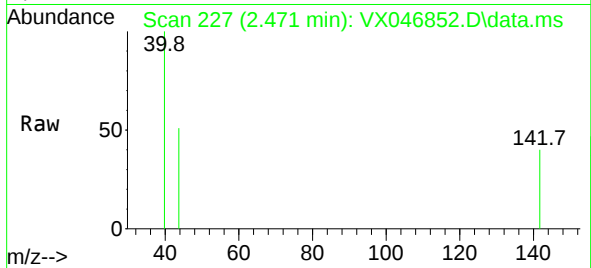
Tgt Ion: 94 Resp: 323
Ion Ratio Lower Upper
94 100
96 70.1 72.3 108.5#



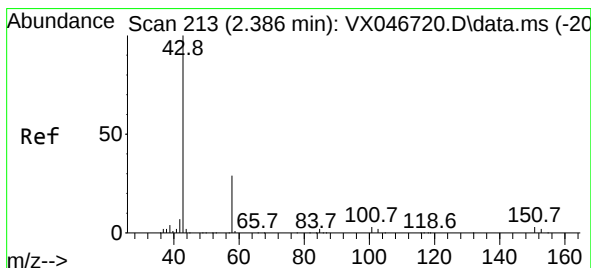
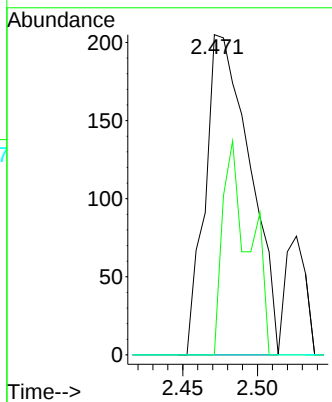
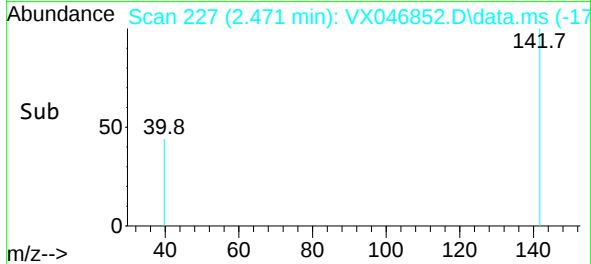


#10
Methyl Iodide
Concen: 4.557 ug/l
RT: 2.471 min Scan# 210
Delta R.T. 0.000 min
Lab File: VX046852.D
Acq: 01 Jul 2025 12:15

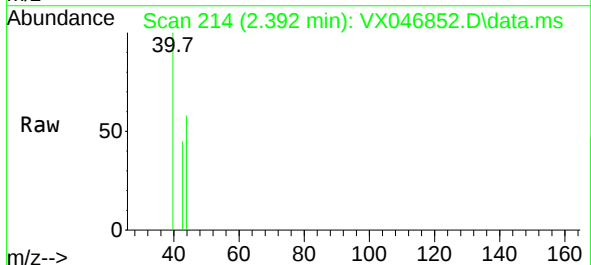
Instrument :
MSVOA_X
ClientSampleId :



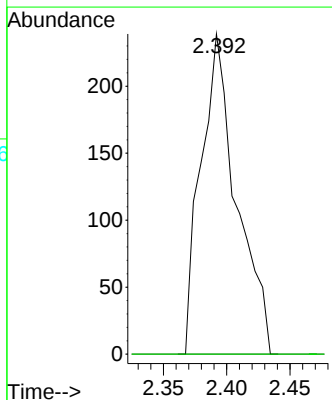
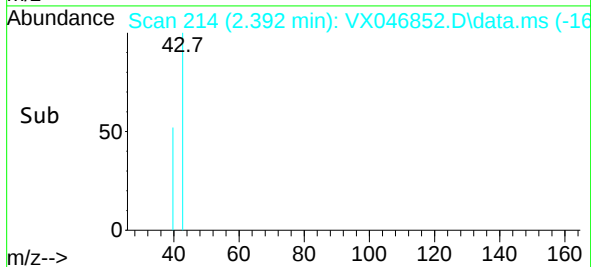
Tgt Ion:142 Resp: 427
Ion Ratio Lower Upper
142 100
127 39.6 37.0 55.6
141 0.0 11.5 17.3#

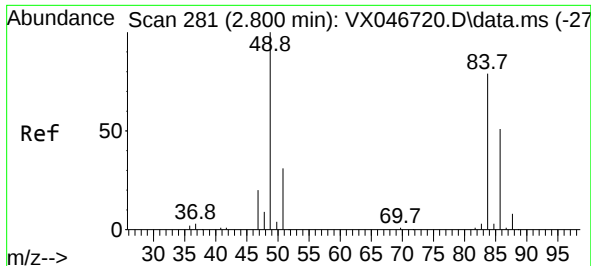


#16
Acetone
Concen: 0.835 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046852.D
Acq: 01 Jul 2025 12:15



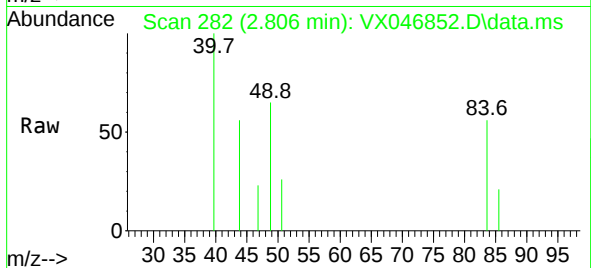
Tgt Ion: 43 Resp: 470
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#





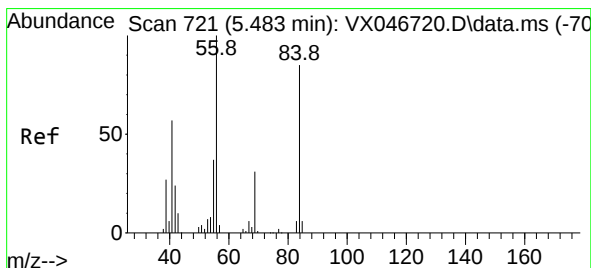
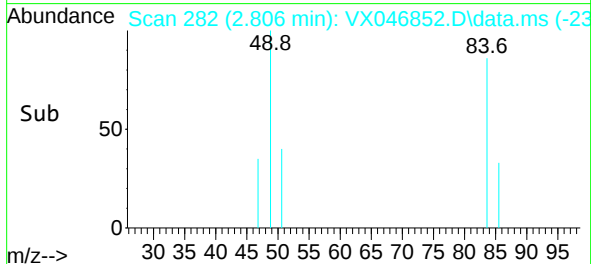
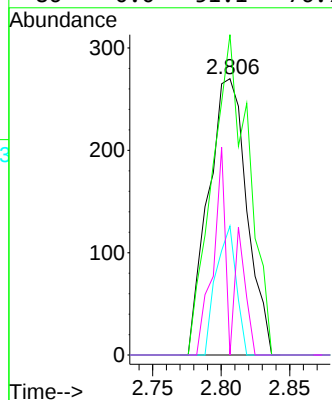
#20
Methylene Chloride
Concen: 0.338 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046852.D
Acq: 01 Jul 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 529

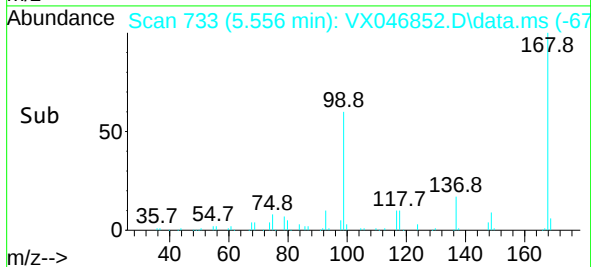
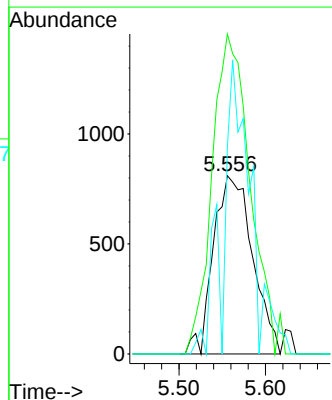
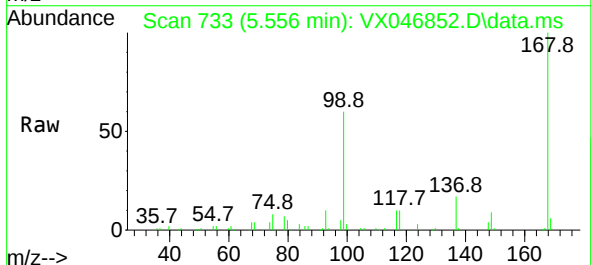
Ion	Ratio	Lower	Upper
84	100		
49	115.9	101.3	151.9
51	46.7	31.0	46.6#
86	0.0	51.1	76.7#

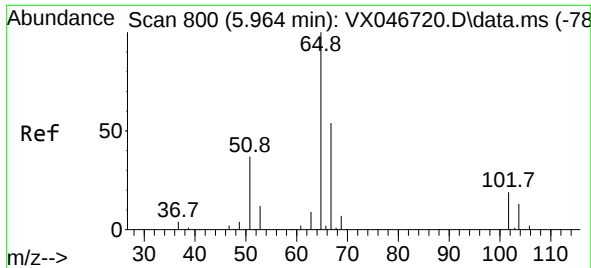


#31
Cyclohexane
Concen: 1.007 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX046852.D
Acq: 01 Jul 2025 12:15

Tgt Ion: 56 Resp: 2546

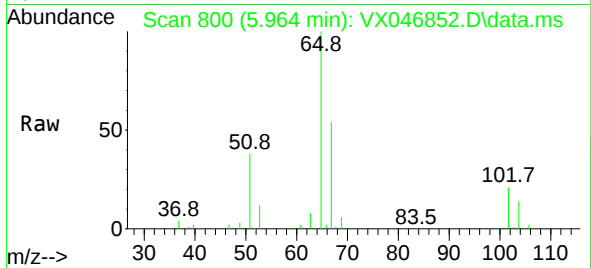
Ion	Ratio	Lower	Upper
56	100		
69	179.6	24.8	37.2#
84	116.4	68.2	102.2#



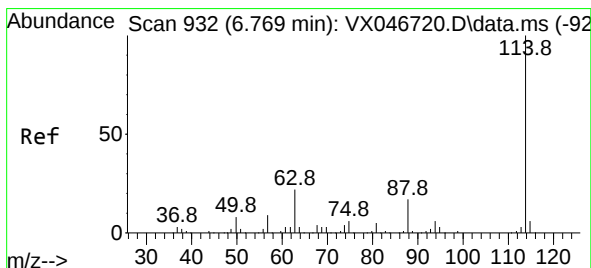
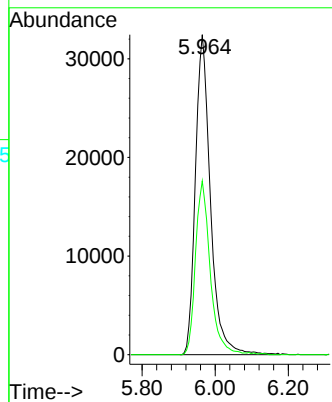
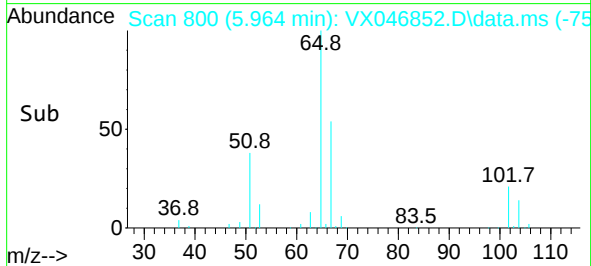


#33
 1,2-Dichloroethane-d4
 Concen: 55.119 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX046852.D
 Acq: 01 Jul 2025 12:15

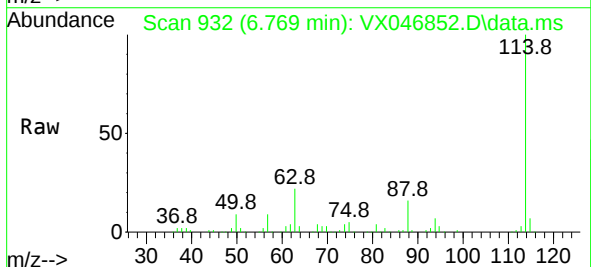
Instrument :
 MSVOA_X
 ClientSampleId :



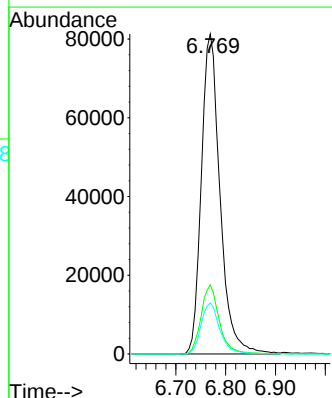
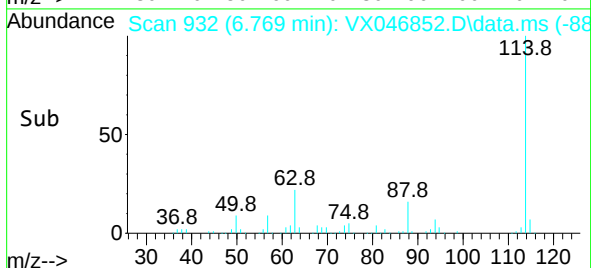
Tgt Ion: 65 Resp: 93070
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.4

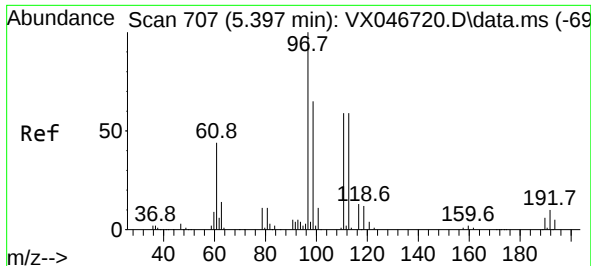


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX046852.D
 Acq: 01 Jul 2025 12:15



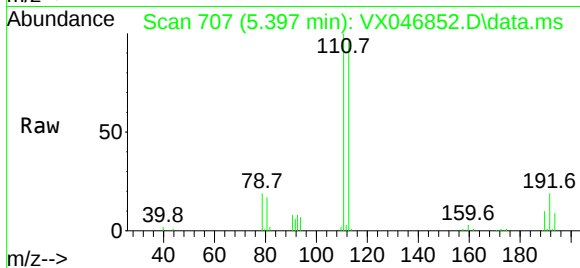
Tgt Ion: 114 Resp: 211259
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 44.2
 88 16.0 0.0 33.2



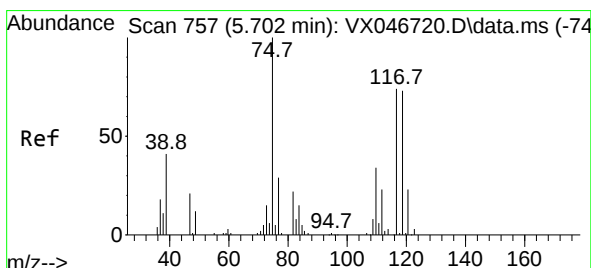
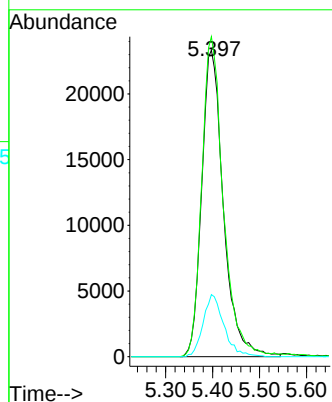
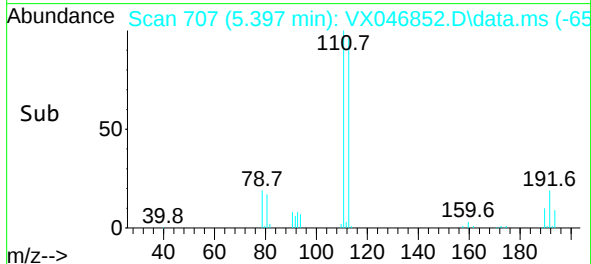


#35
Dibromofluoromethane
Concen: 53.542 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046852.D
Acq: 01 Jul 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :

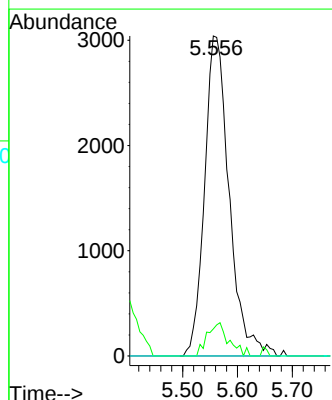
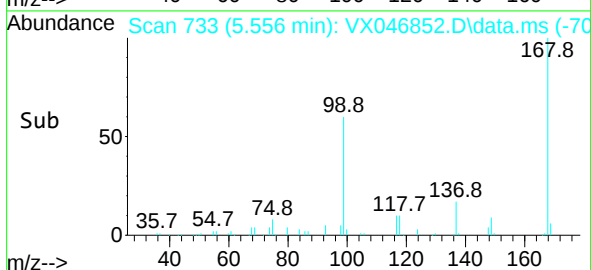
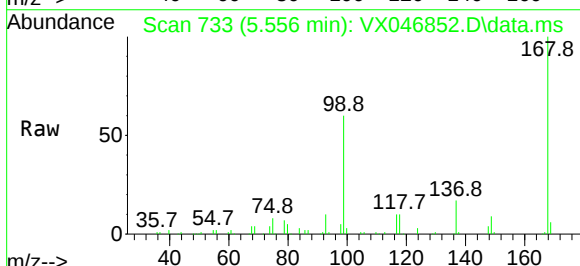


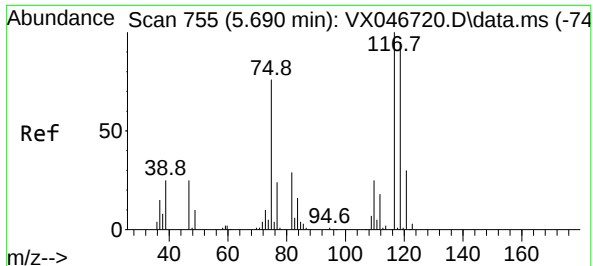
Tgt Ion:113 Resp: 74839
Ion Ratio Lower Upper
113 100
111 103.3 82.0 123.0
192 19.4 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.700 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX046852.D
Acq: 01 Jul 2025 12:15

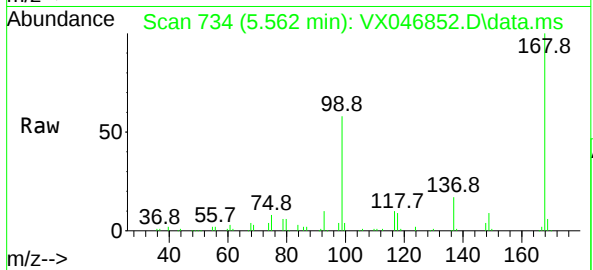
Tgt Ion: 75 Resp: 9484
Ion Ratio Lower Upper
75 100
110 9.1 17.2 51.5#
77 0.0 24.2 36.4#



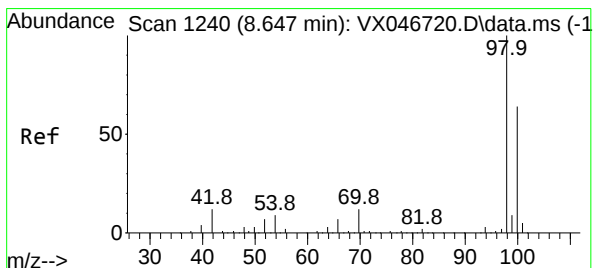
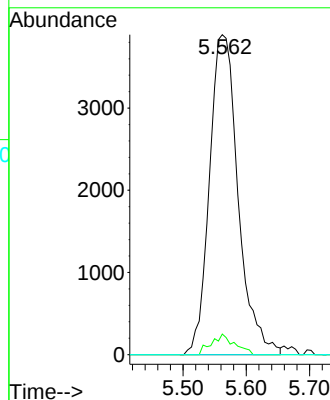
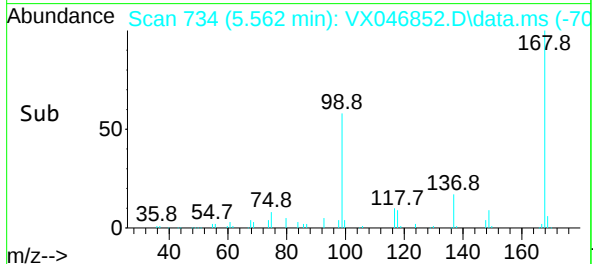


#38
Carbon Tetrachloride
Concen: 5.605 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046852.D
Acq: 01 Jul 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :

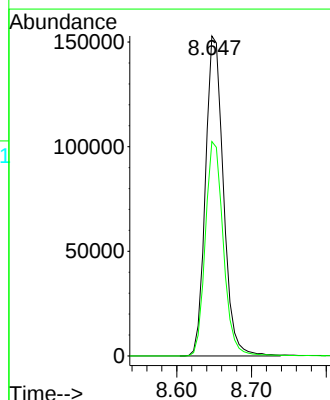
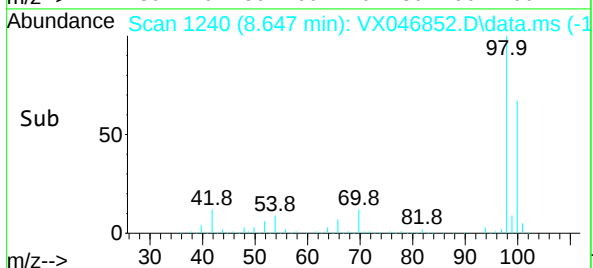
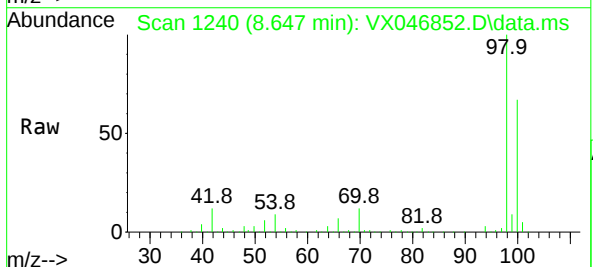


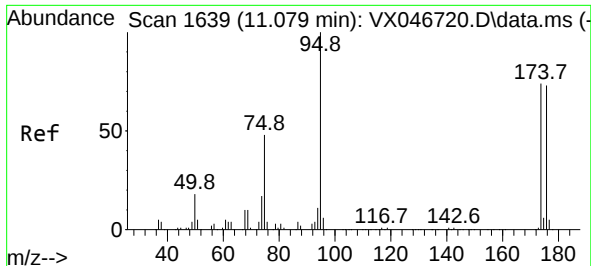
Tgt Ion:117 Resp: 12274
Ion Ratio Lower Upper
117 100
119 6.4 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 50.739 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046852.D
Acq: 01 Jul 2025 12:15

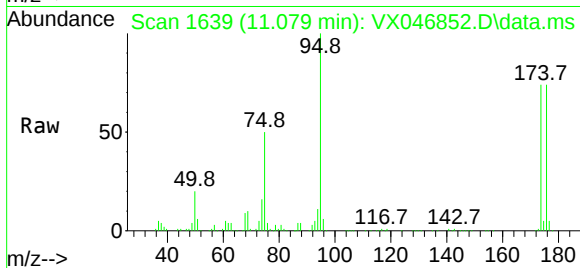
Tgt Ion: 98 Resp: 254800
Ion Ratio Lower Upper
98 100
100 67.4 53.0 79.4



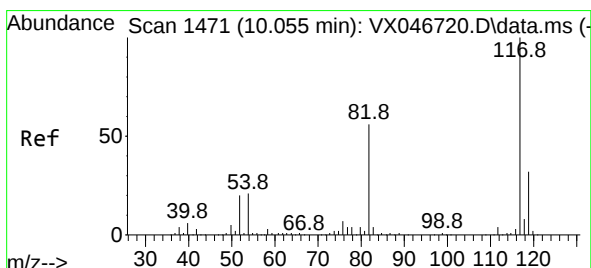
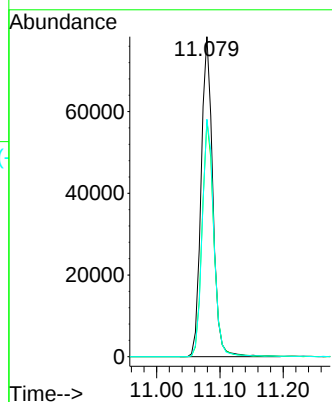
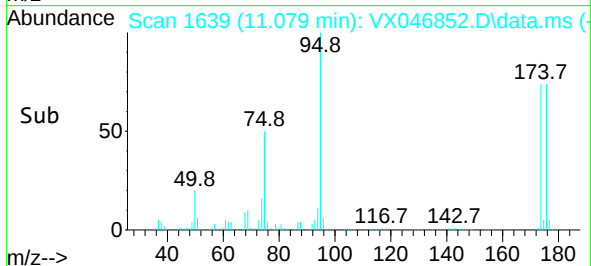


#62
4-Bromofluorobenzene
Concen: 53.769 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046852.D
Acq: 01 Jul 2025 12:15

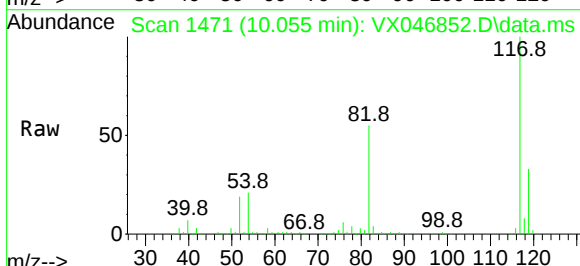
Instrument :
MSVOA_X
ClientSampleId :



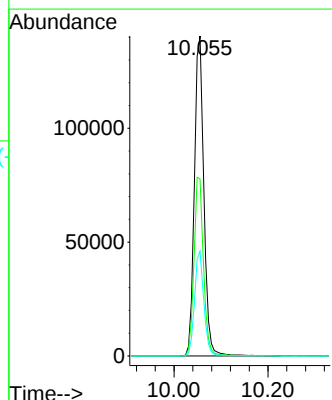
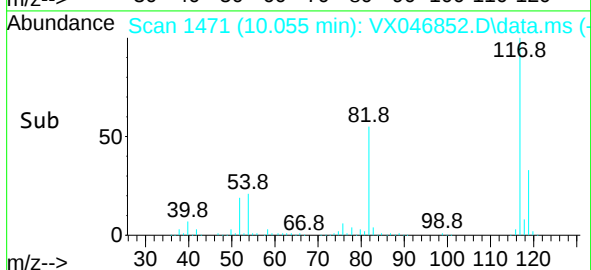
Tgt Ion: 95 Resp: 100654
Ion Ratio Lower Upper
95 100
174 74.0 0.0 150.4
176 74.3 0.0 145.0

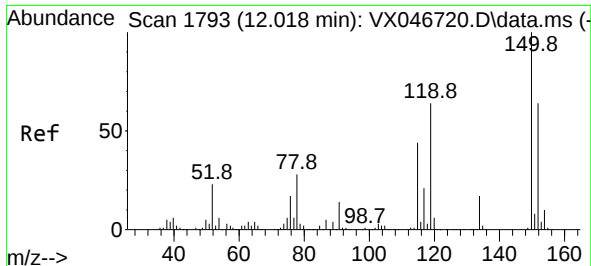


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046852.D
Acq: 01 Jul 2025 12:15



Tgt Ion: 117 Resp: 198271
Ion Ratio Lower Upper
117 100
82 55.3 44.6 66.8
119 32.7 25.8 38.8

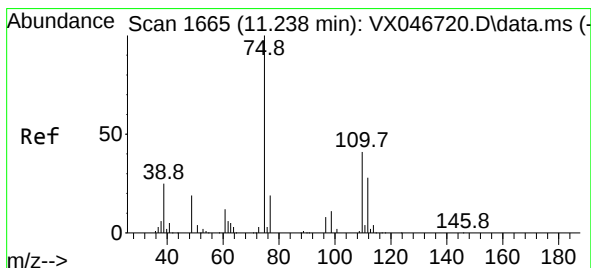
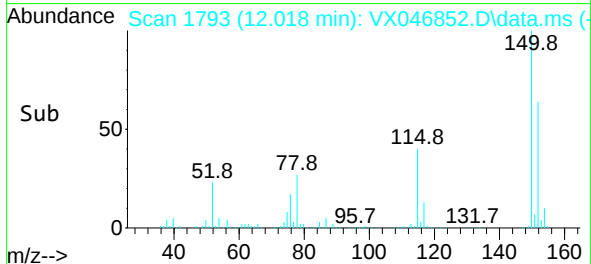
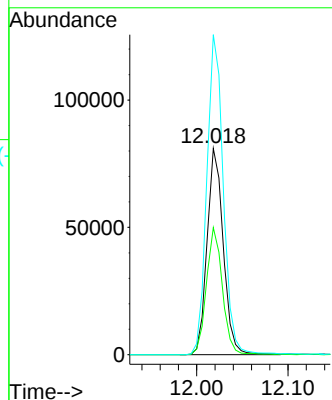
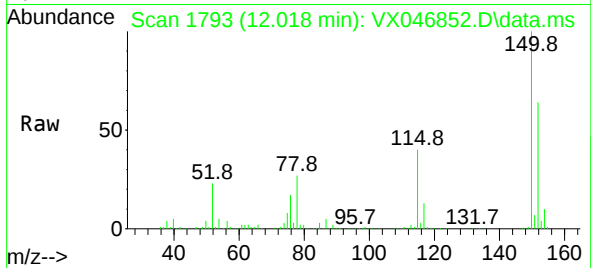




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046852.D
Acq: 01 Jul 2025 12:15

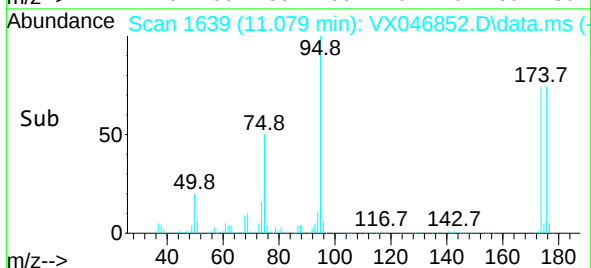
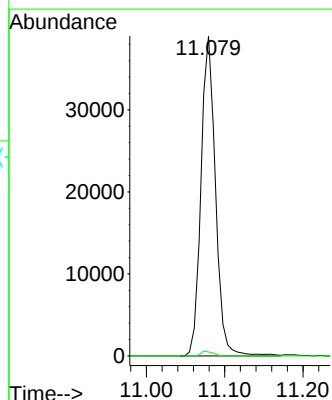
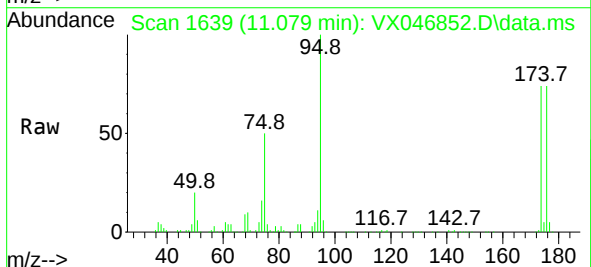
Instrument :
MSVOA_X
ClientSampleId :

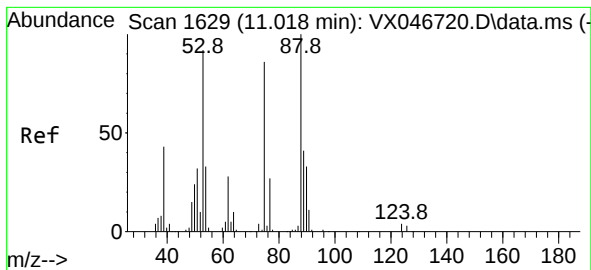
Tgt Ion:152 Resp: 99700
Ion Ratio Lower Upper
152 100
115 60.8 43.2 129.6
150 158.1 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 27.509 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046852.D
Acq: 01 Jul 2025 12:15

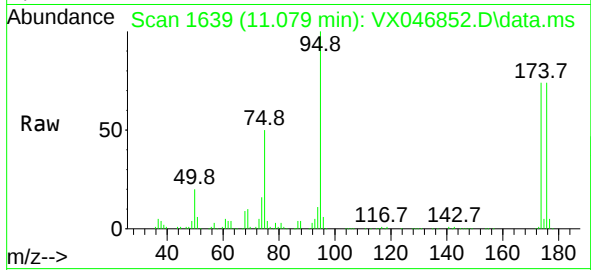
Tgt Ion: 75 Resp: 50232
Ion Ratio Lower Upper
75 100
77 1.2 18.5 55.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.756 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046852.D
Acq: 01 Jul 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 50232
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#

