

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046942.D
 Acq On : 10 Jul 2025 14:21
 Operator : JC/MD
 Sample : Q2554-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 250709059-11 Trip blank

Quant Time: Jul 11 01:30:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	339396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	600517	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	555080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	279121	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	244408	54.510	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.020%
35) Dibromofluoromethane	5.397	113	201406	49.409	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.820%
50) Toluene-d8	8.653	98	722653	50.247	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.500%
62) 4-Bromofluorobenzene	11.079	95	275498	50.402	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.800%

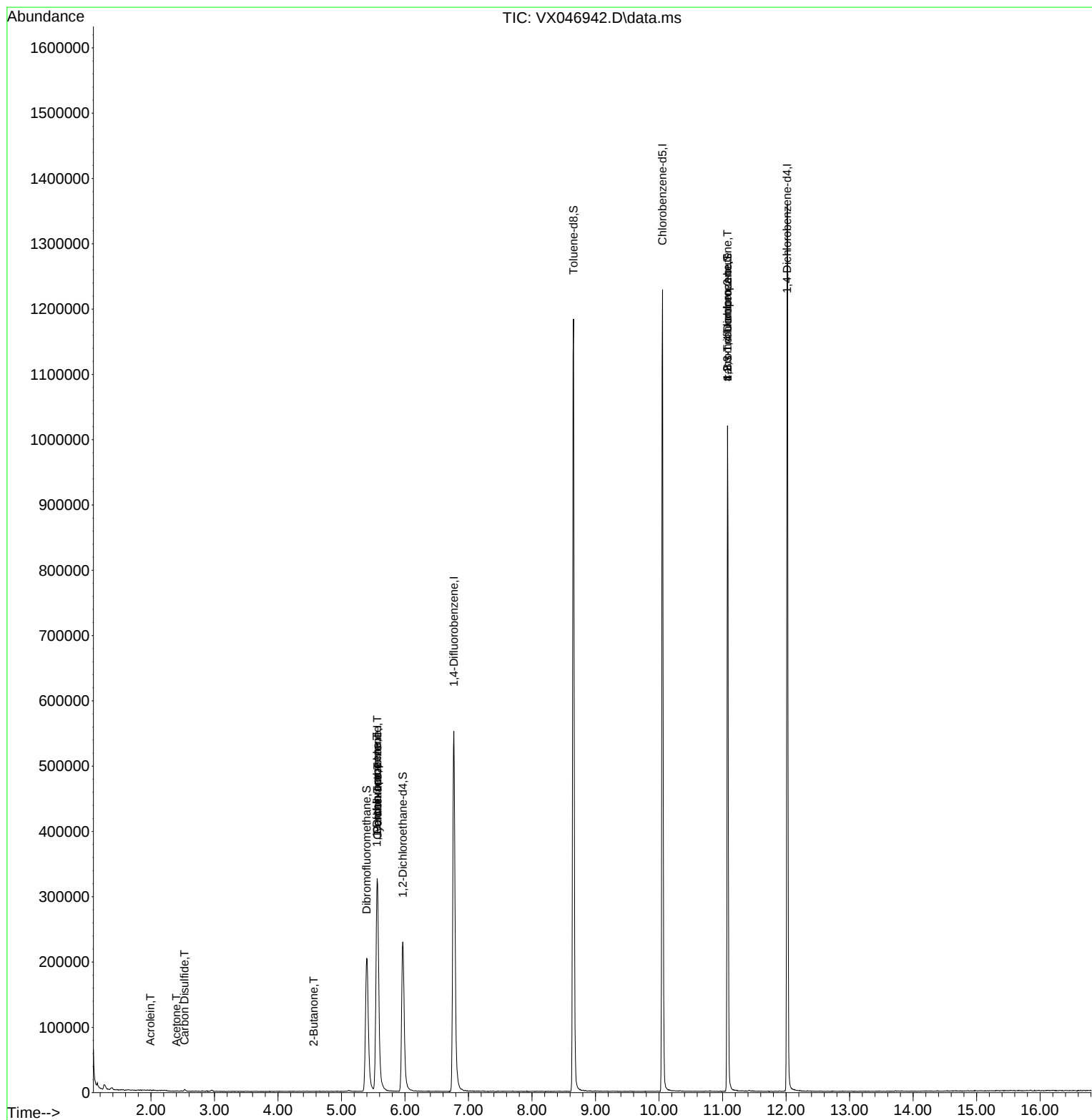
Target Compounds					Qvalue	
13) Acrolein	1.989	56	26	2.914	ug/l #	1
16) Acetone	2.398	43	337	0.242	ug/l #	42
17) Carbon Disulfide	2.526	76	3340	0.346	ug/l #	74
25) 2-Butanone	4.562	43	626	0.337	ug/l #	50
31) Cyclohexane	5.568	56	6660	1.039	ug/l #	2
36) 1,1-Dichloropropene	5.556	75	27190	4.944	ug/l #	51
38) Carbon Tetrachloride	5.562	117	35858	6.167	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	143269	33.219	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	143269	89.144	ug/l #	8

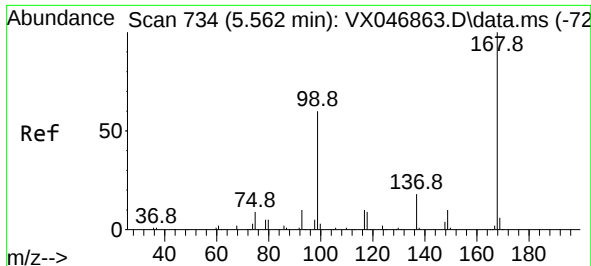
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
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MSVOA_X
ClientSampleId :
250709059-11 Trip blank

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

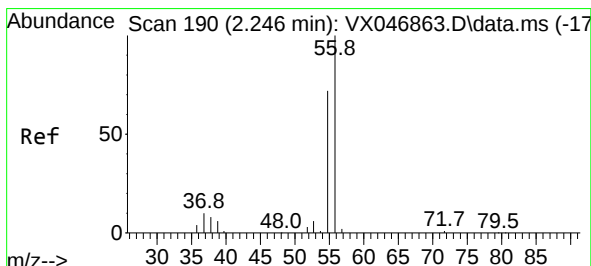
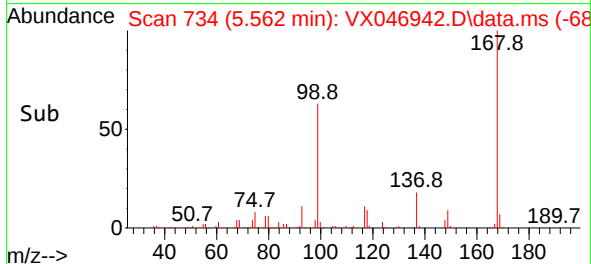
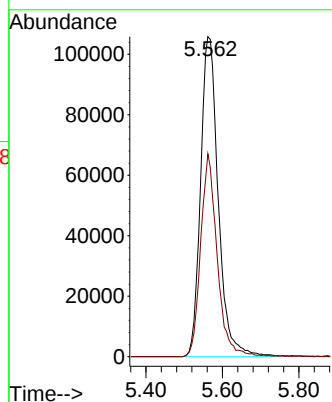
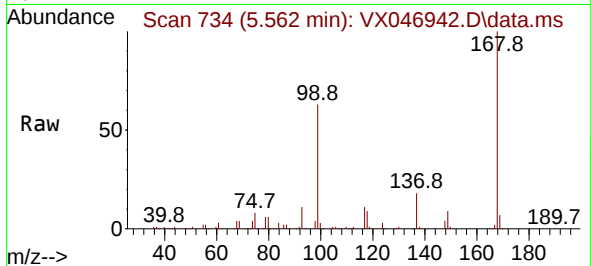




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046942.D
Acq: 10 Jul 2025 14:21

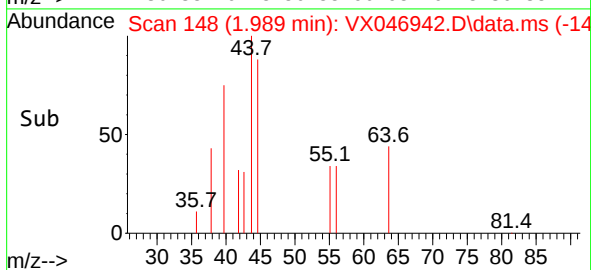
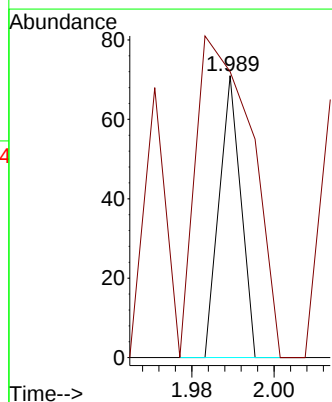
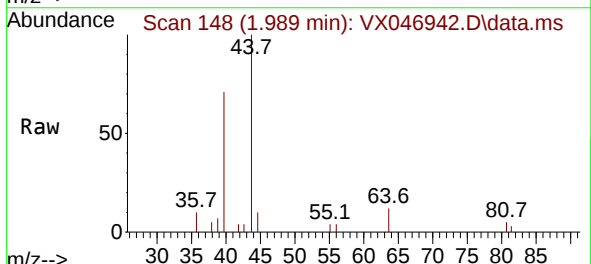
Instrument :
MSVOA_X
ClientSampleId :
250709059-11 Trip blank

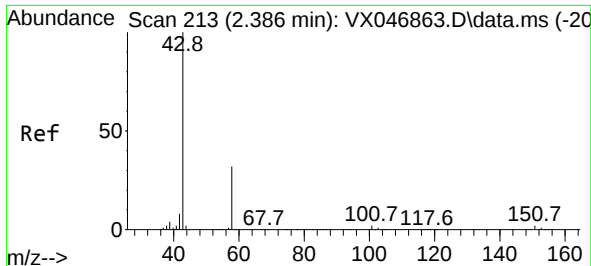
Tgt Ion:168 Resp: 339396
Ion Ratio Lower Upper
168 100
99 63.4 48.8 73.2



#13
Acrolein
Concen: 2.914 ug/l
RT: 1.989 min Scan# 148
Delta R.T. -0.257 min
Lab File: VX046942.D
Acq: 10 Jul 2025 14:21

Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 388.5 55.5 83.3#

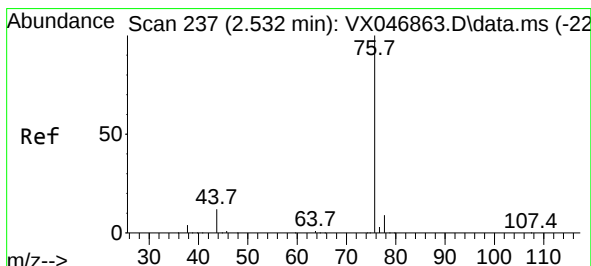
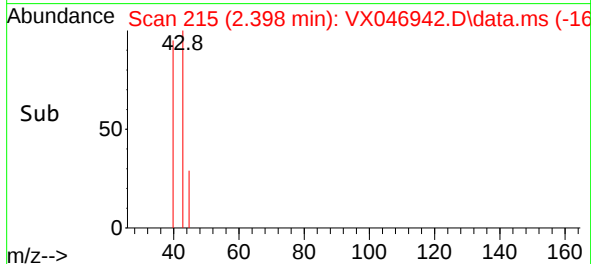
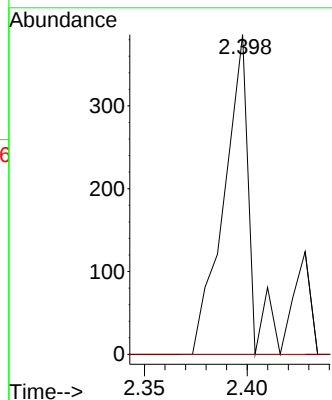
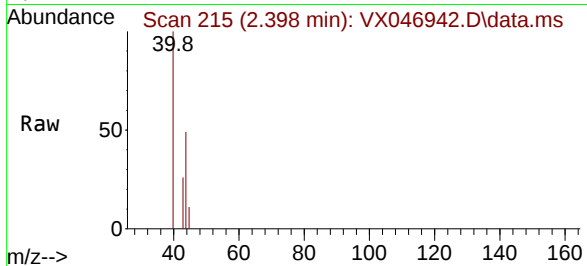




#16
Acetone
Concen: 0.242 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX046942.D
Acq: 10 Jul 2025 14:21

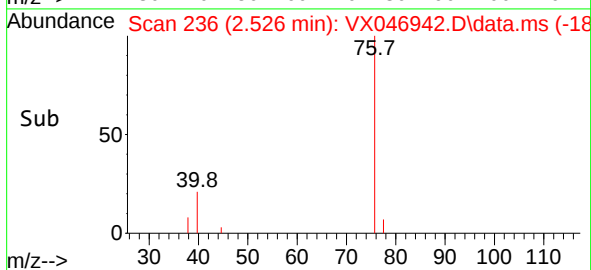
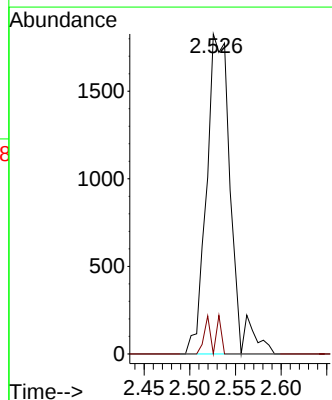
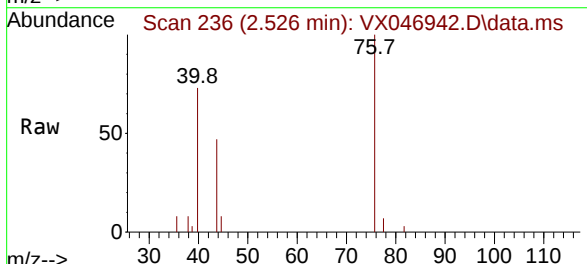
Instrument :
MSVOA_X
ClientSampleId :
250709059-11 Trip blank

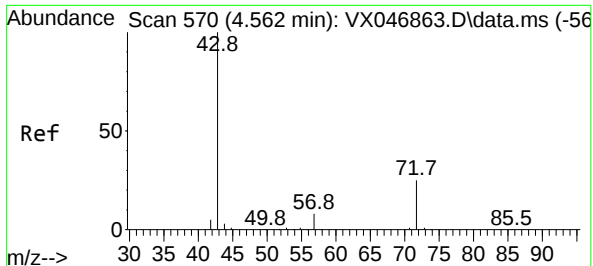
Tgt Ion: 43 Resp: 337
Ion Ratio Lower Upper
43 100
58 0.0 25.8 38.6#



#17
Carbon Disulfide
Concen: 0.346 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX046942.D
Acq: 10 Jul 2025 14:21

Tgt Ion: 76 Resp: 3340
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#

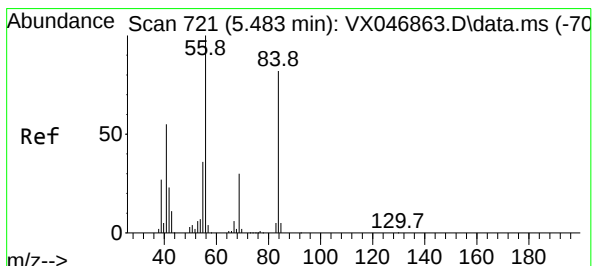
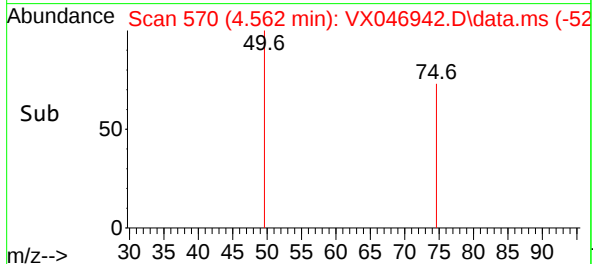
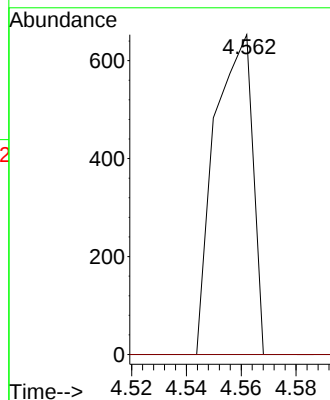
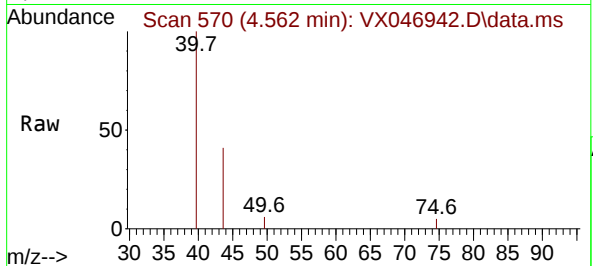




#25
2-Butanone
Concen: 0.337 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX046942.D
Acq: 10 Jul 2025 14:21

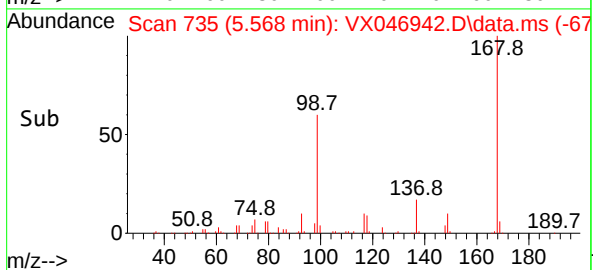
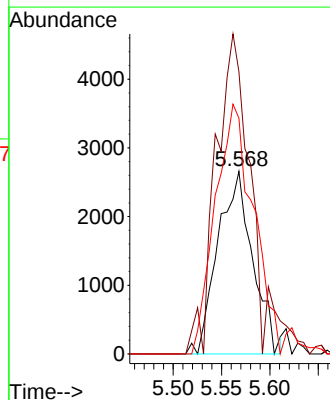
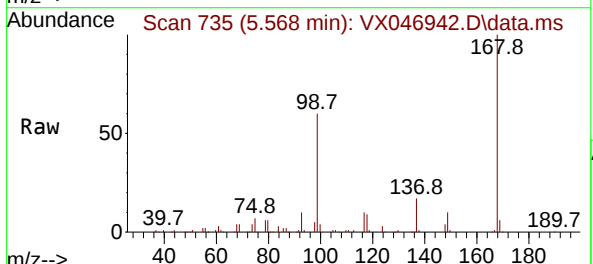
Instrument :
MSVOA_X
ClientSampleId :
250709059-11 Trip blank

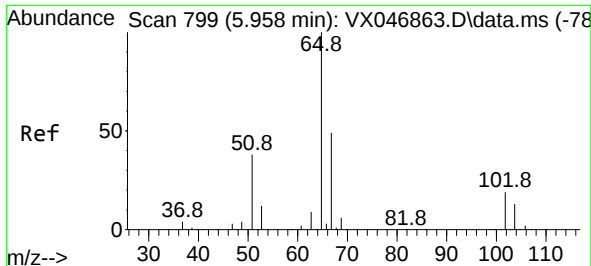
Tgt Ion: 43 Resp: 626
Ion Ratio Lower Upper
43 100
72 0.0 20.0 30.0#



#31
Cyclohexane
Concen: 1.039 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.085 min
Lab File: VX046942.D
Acq: 10 Jul 2025 14:21

Tgt Ion: 56 Resp: 6660
Ion Ratio Lower Upper
56 100
69 154.5 24.0 36.0#
84 129.1 66.5 99.7#





#33

1,2-Dichloroethane-d4

Concen: 54.510 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX046942.D

Acq: 10 Jul 2025 14:21

Instrument :

MSVOA_X

ClientSampleId :

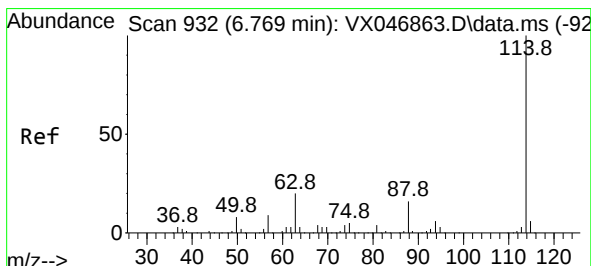
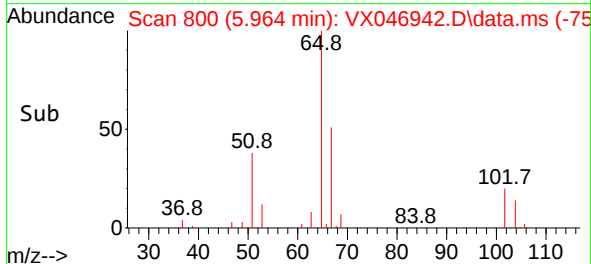
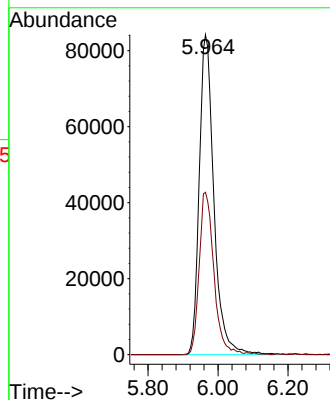
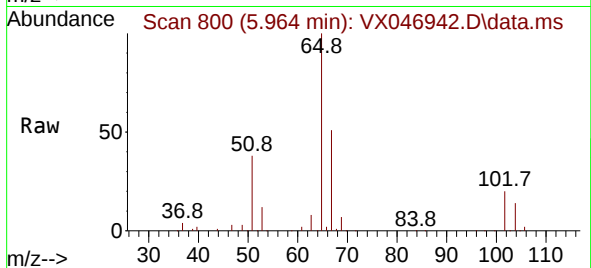
250709059-11 Trip blank

Tgt Ion: 65 Resp: 244408

Ion Ratio Lower Upper

65 100

67 50.8 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX046942.D

Acq: 10 Jul 2025 14:21

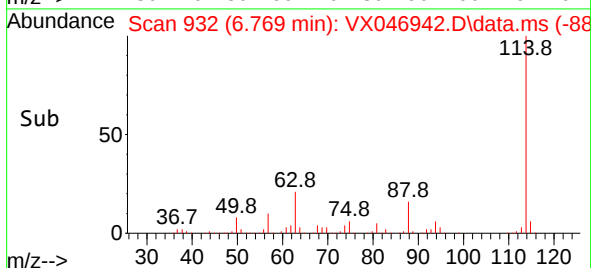
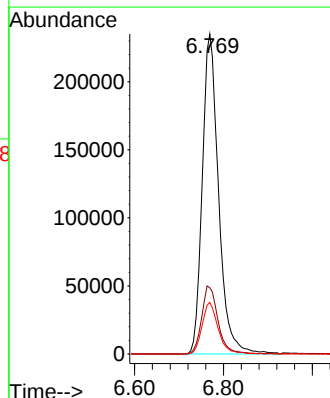
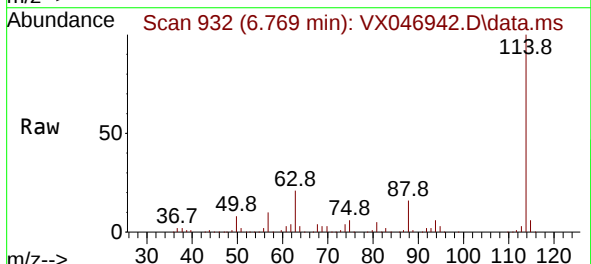
Tgt Ion: 114 Resp: 600517

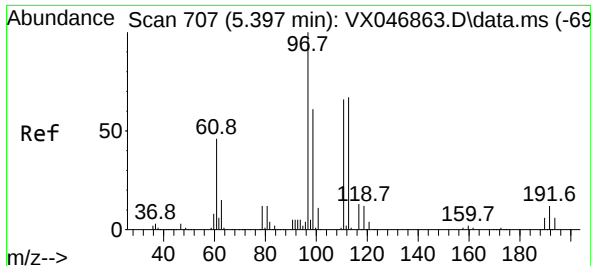
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.4

88 16.1 0.0 31.0

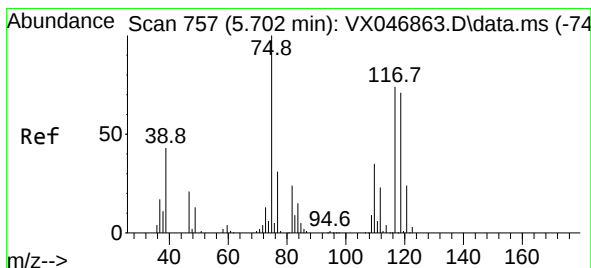
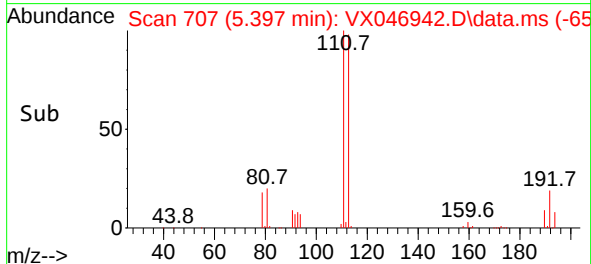
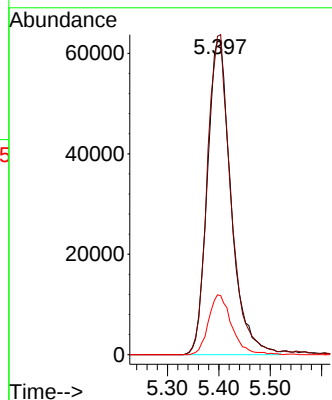
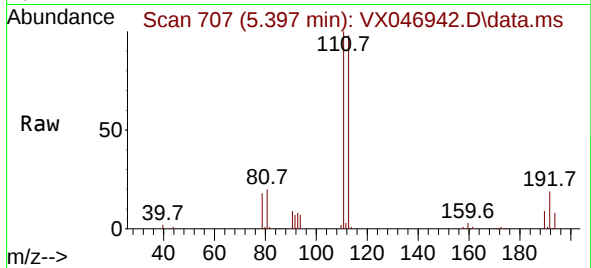




#35
Dibromofluoromethane
Concen: 49.409 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046942.D
Acq: 10 Jul 2025 14:21

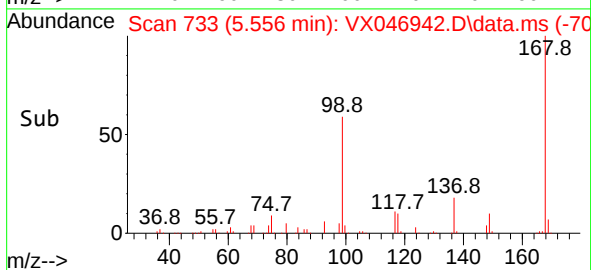
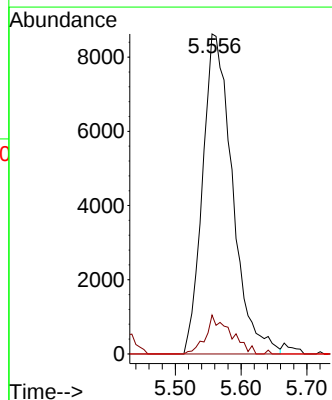
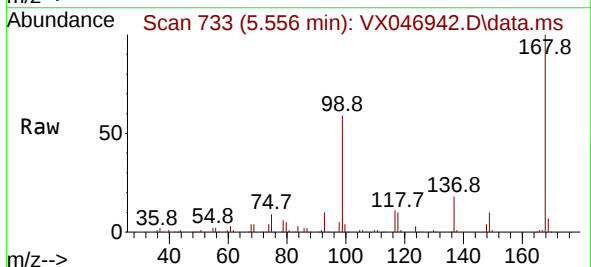
Instrument :
MSVOA_X
ClientSampleId :
250709059-11 Trip blank

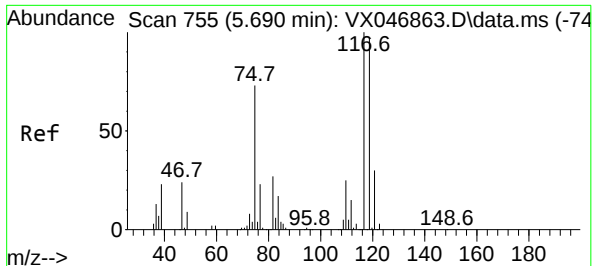
Tgt Ion:113 Resp: 201406
Ion Ratio Lower Upper
113 100
111 100.4 81.2 121.8
192 18.6 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.944 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.147 min
Lab File: VX046942.D
Acq: 10 Jul 2025 14:21

Tgt Ion: 75 Resp: 27190
Ion Ratio Lower Upper
75 100
110 10.2 17.3 51.9#
77 0.0 24.2 36.4#

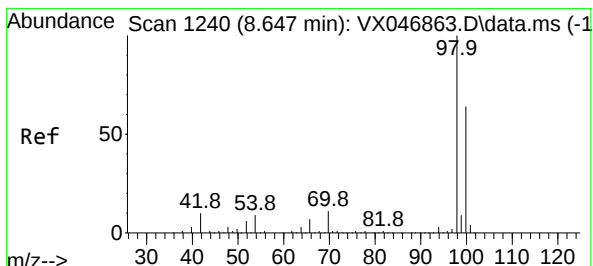
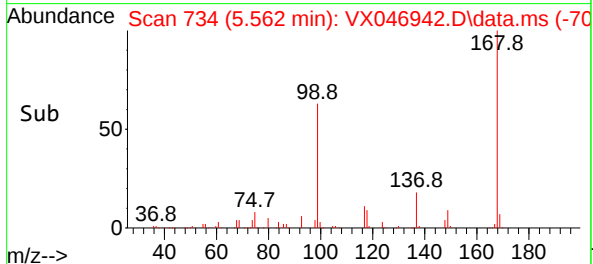
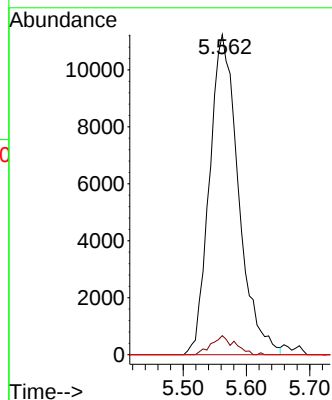
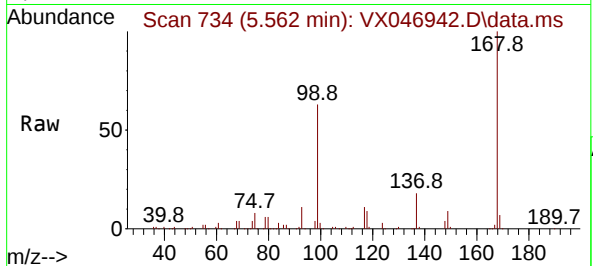




#38
Carbon Tetrachloride
Concen: 6.167 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046942.D
Acq: 10 Jul 2025 14:21

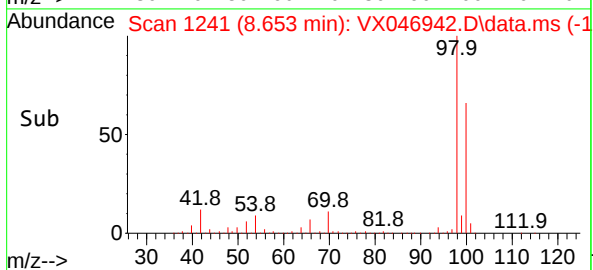
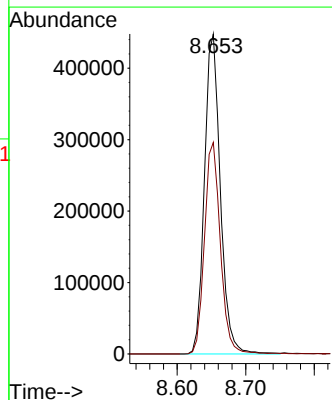
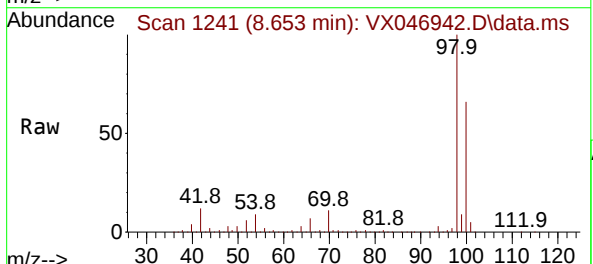
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ClientSampleId :
250709059-11 Trip blank

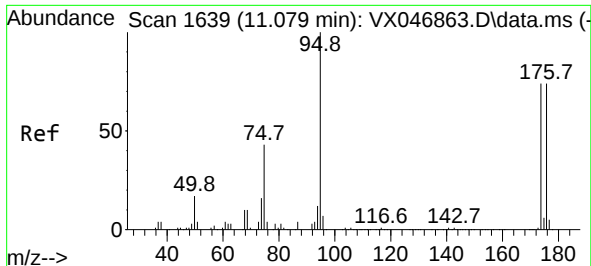
Tgt Ion:117 Resp: 35858
Ion Ratio Lower Upper
117 100
119 6.0 76.6 114.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 50.247 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046942.D
Acq: 10 Jul 2025 14:21

Tgt Ion: 98 Resp: 722653
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6

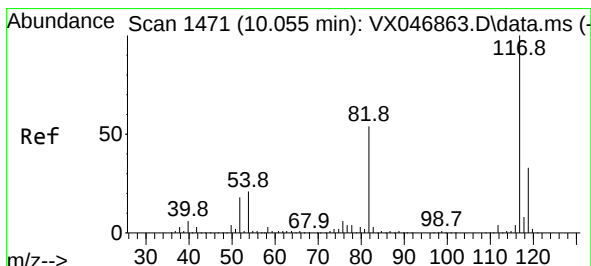
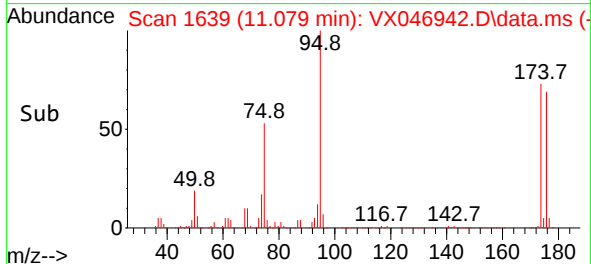
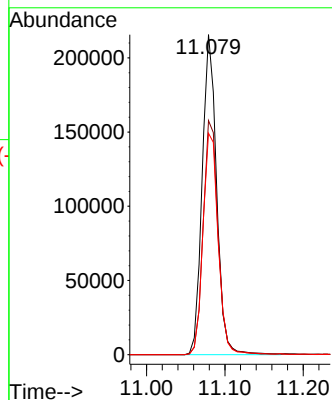
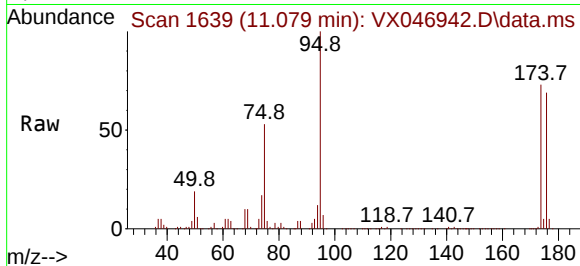




#62
4-Bromofluorobenzene
Concen: 50.402 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046942.D
Acq: 10 Jul 2025 14:21

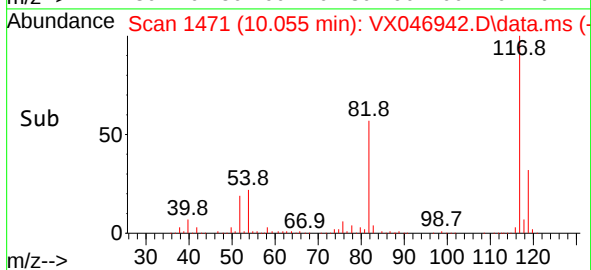
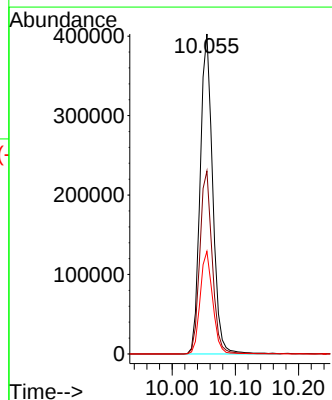
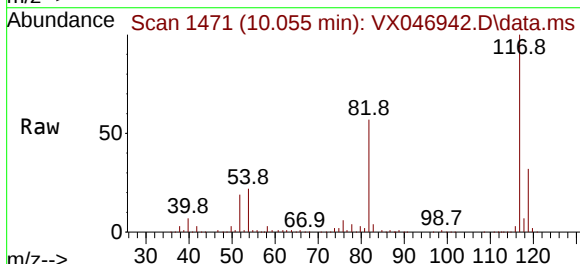
Instrument :
MSVOA_X
ClientSampleId :
250709059-11 Trip blank

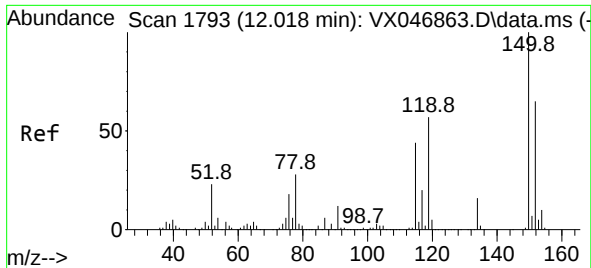
Tgt Ion: 95 Resp: 275498
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.0
176 72.9 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046942.D
Acq: 10 Jul 2025 14:21

Tgt Ion: 117 Resp: 555080
Ion Ratio Lower Upper
117 100
82 57.1 43.3 64.9
119 32.0 26.4 39.6

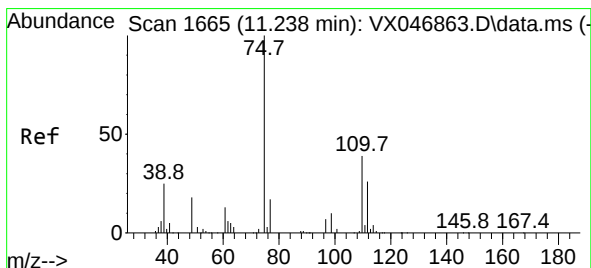
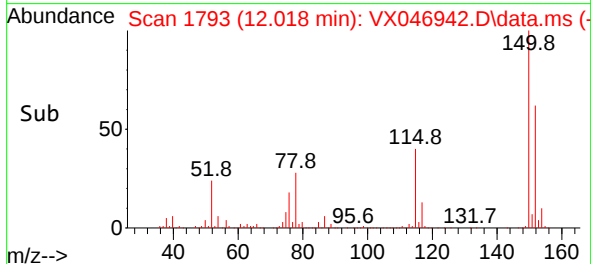
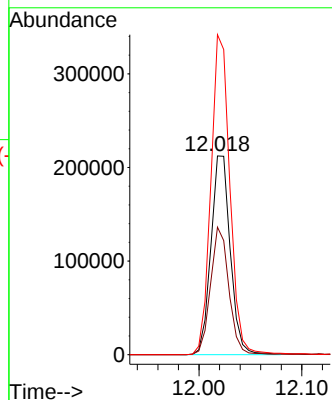
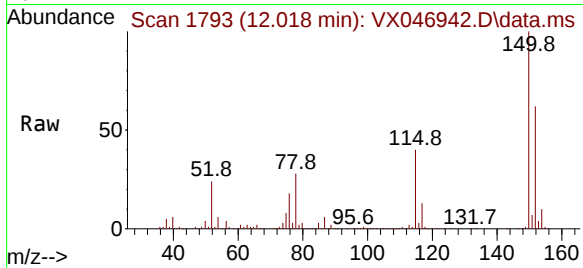




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046942.D
 Acq: 10 Jul 2025 14:21

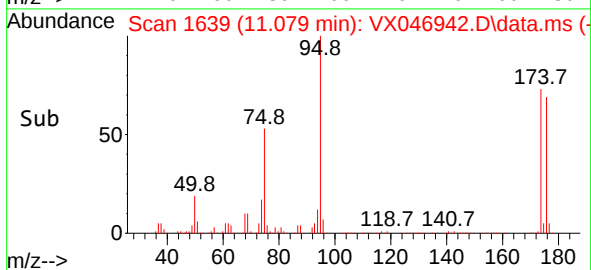
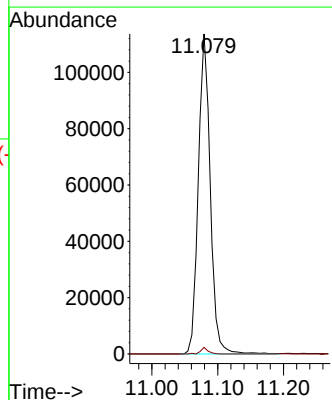
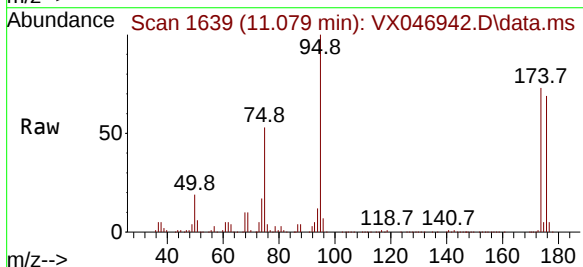
Instrument :
 MSVOA_X
 ClientSampleId :
 250709059-11 Trip blank

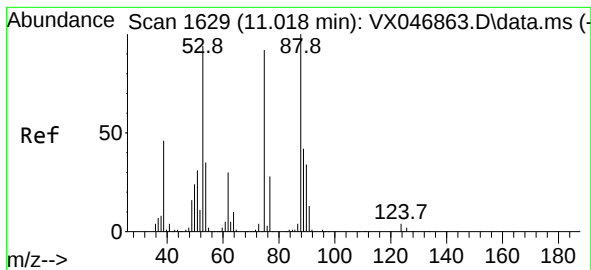
Tgt Ion:152 Resp: 279121
 Ion Ratio Lower Upper
 152 100
 115 61.0 42.4 127.1
 150 157.8 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 33.219 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046942.D
 Acq: 10 Jul 2025 14:21

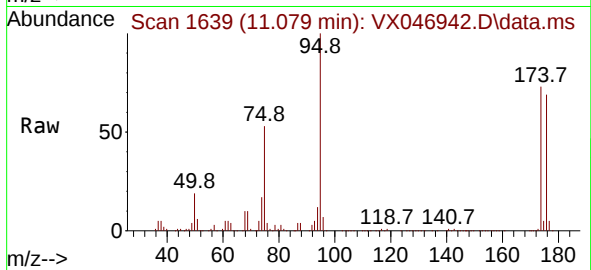
Tgt Ion: 75 Resp: 143269
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.6 61.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.144 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046942.D
 Acq: 10 Jul 2025 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 250709059-11 Trip blank



Tgt Ion: 75 Resp: 143269
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.7 125.5#
 89 0.0 38.2 57.2#

