

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031225\
 Data File : VX045251.D
 Acq On : 12 Mar 2025 16:08
 Operator : JC/MD
 Sample : Q1539-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TAP-TB-04-031025-T2

Quant Time: Mar 13 01:43:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

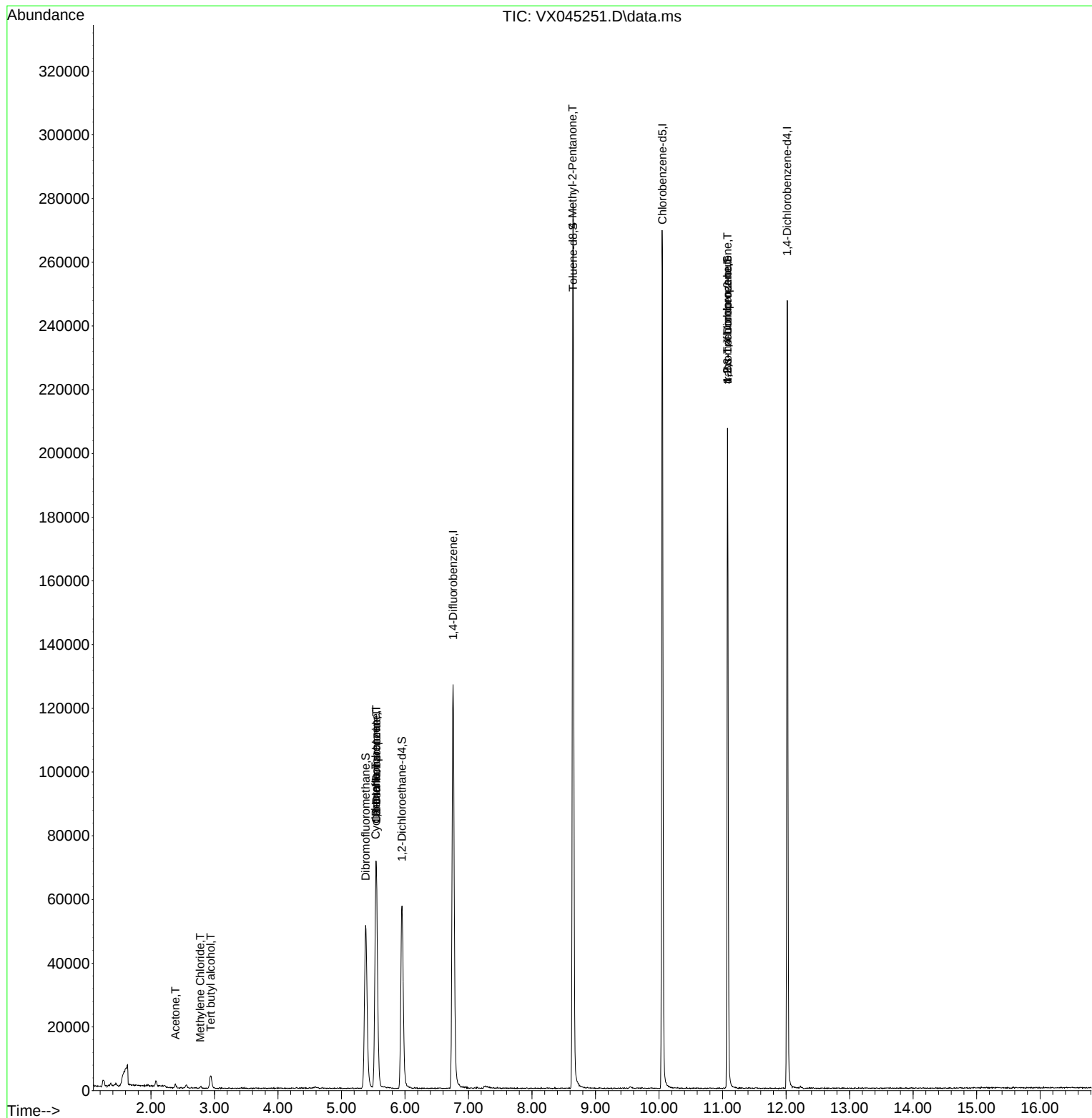
Internal Standards						
1) Pentafluorobenzene	5.544	168	64979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127269	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56511	54.675	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.340%	
35) Dibromofluoromethane	5.379	113	44507	52.299	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.600%	
50) Toluene-d8	8.647	98	161479	52.339	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.680%	
62) 4-Bromofluorobenzene	11.079	95	54028	52.847	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	2669	13.633	ug/l #	73
16) Acetone	2.386	43	1340	2.794	ug/l #	86
20) Methylene Chloride	2.776	84	268	0.282	ug/l #	72
31) Cyclohexane	5.538	56	1736	1.235	ug/l #	37
36) 1,1-Dichloropropene	5.550	75	6207	5.318	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7270	6.136	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	794	0.532	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	29450	27.094	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	29450	92.719	ug/l #	6

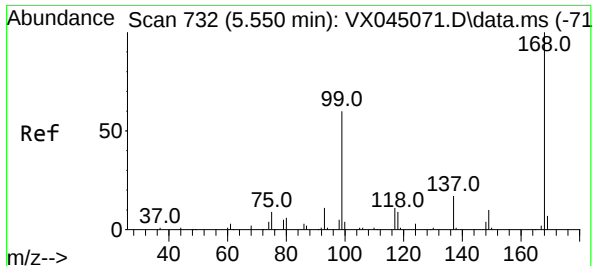
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TAP-TB-04-031025-T2

Quant Time: Mar 13 01:43:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

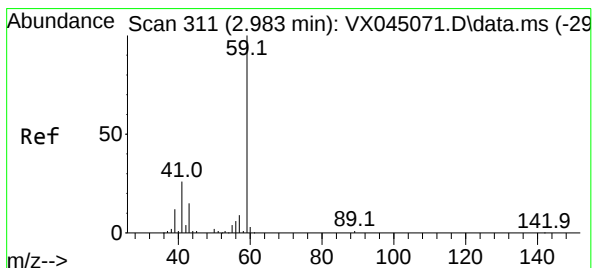
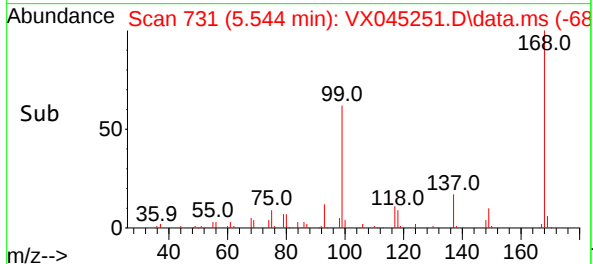
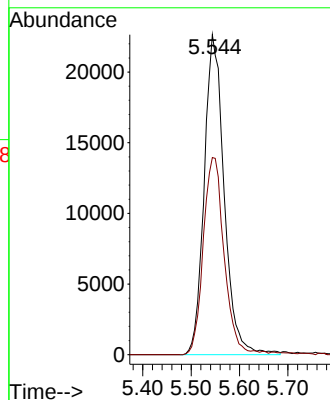
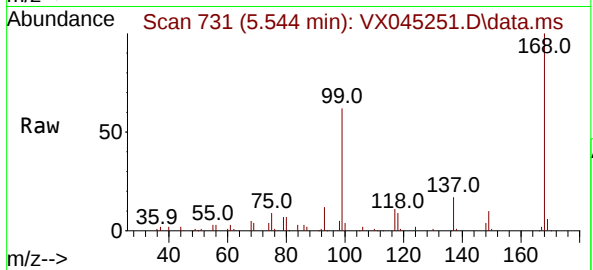




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045251.D
Acq: 12 Mar 2025 16:08

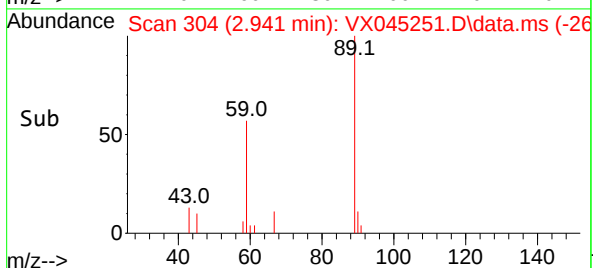
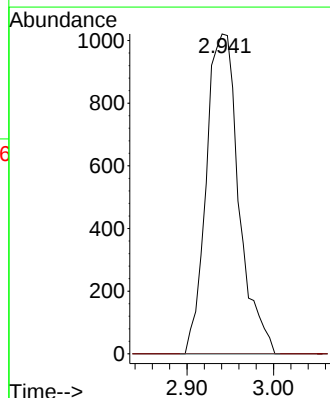
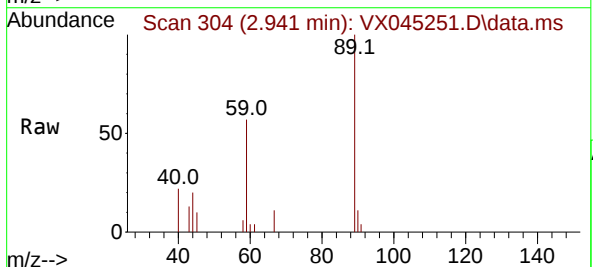
Instrument :
MSVOA_X
ClientSampleId :
TAP-TB-04-031025-T2

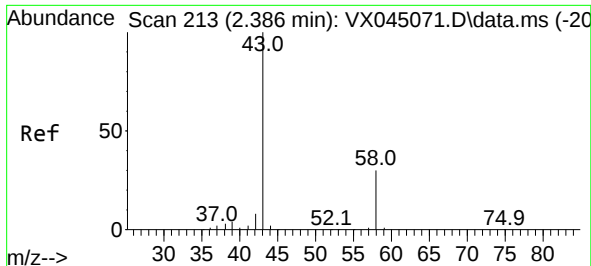
Tgt Ion:168 Resp: 64979
Ion Ratio Lower Upper
168 100
99 61.6 48.2 72.4



#11
Tert butyl alcohol
Concen: 13.633 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045251.D
Acq: 12 Mar 2025 16:08

Tgt Ion: 59 Resp: 2669
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

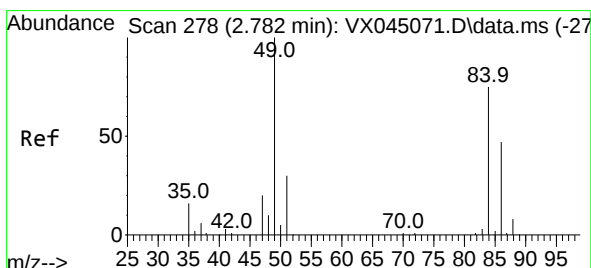
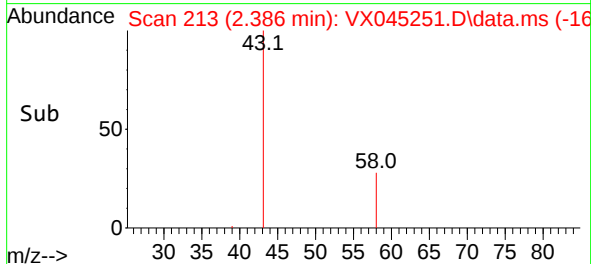
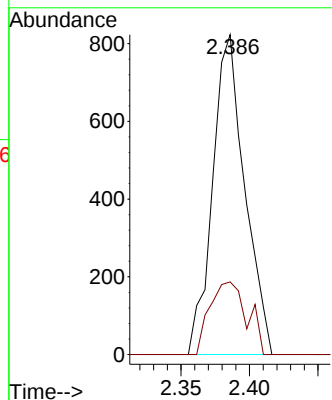
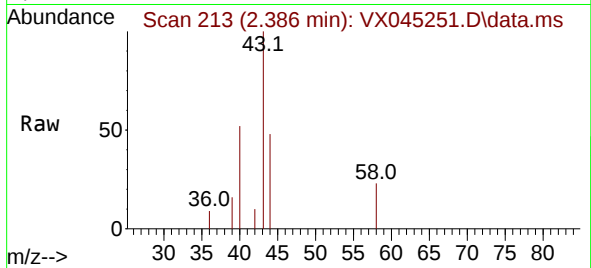




#16
Acetone
Concen: 2.794 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045251.D
Acq: 12 Mar 2025 16:08

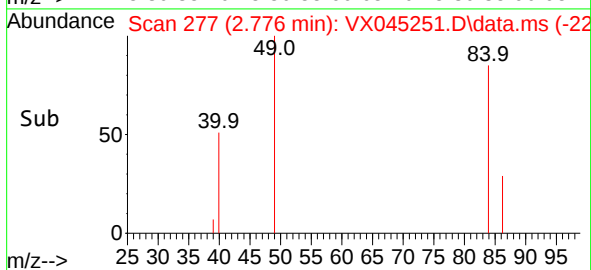
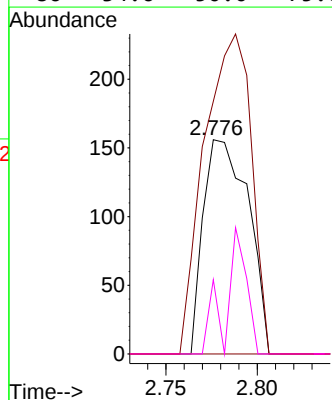
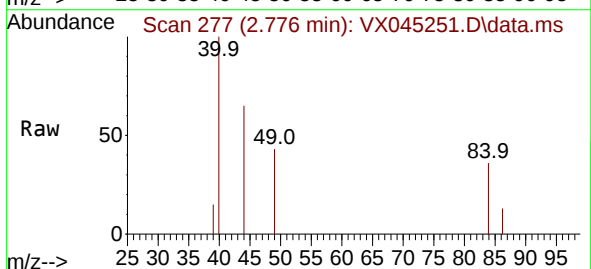
Instrument :
MSVOA_X
ClientSampleId :
TAP-TB-04-031025-T2

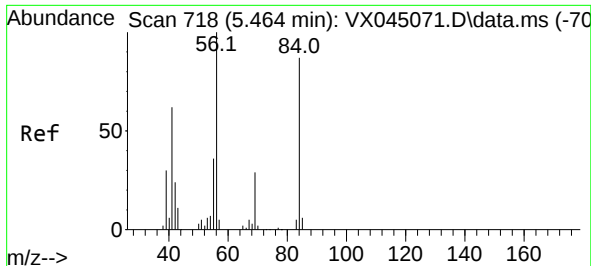
Tgt Ion: 43 Resp: 1340
Ion Ratio Lower Upper
43 100
58 22.7 24.2 36.4#



#20
Methylene Chloride
Concen: 0.282 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX045251.D
Acq: 12 Mar 2025 16:08

Tgt Ion: 84 Resp: 268
Ion Ratio Lower Upper
84 100
49 117.9 106.5 159.7
51 0.0 32.1 48.1#
86 34.6 50.0 75.0#

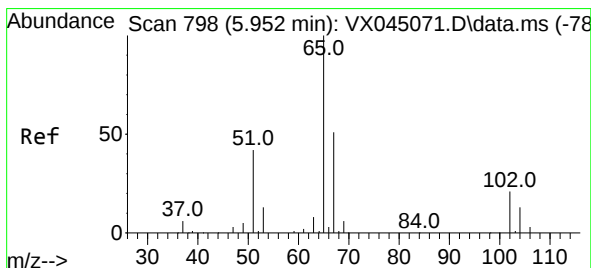
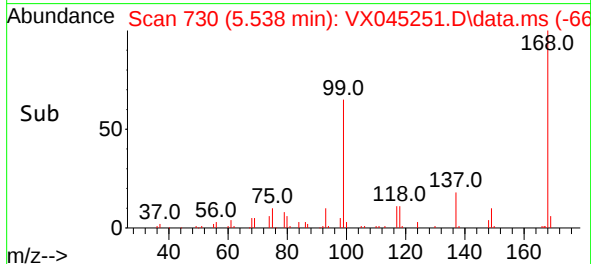
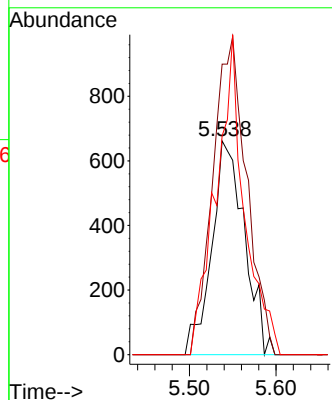
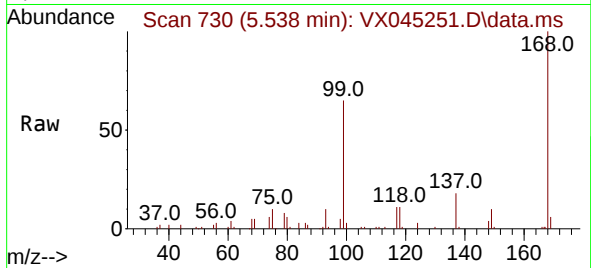




#31
Cyclohexane
Concen: 1.235 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045251.D
Acq: 12 Mar 2025 16:08

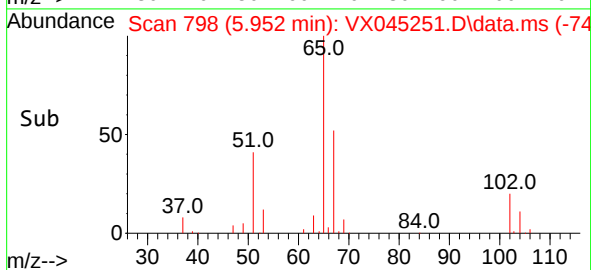
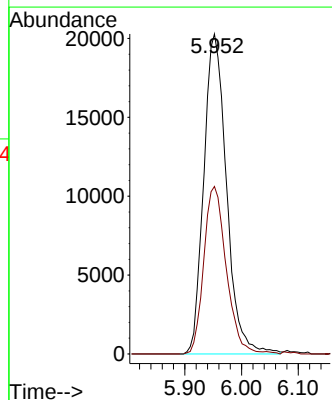
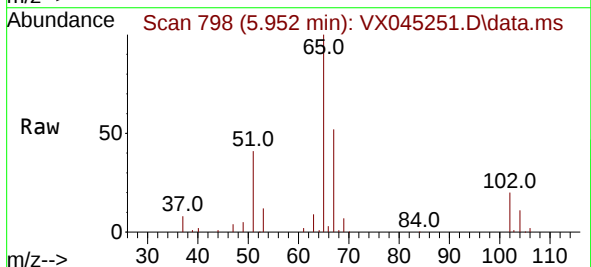
Instrument :
MSVOA_X
ClientSampleId :
TAP-TB-04-031025-T2

Tgt Ion: 56 Resp: 1736
Ion Ratio Lower Upper
56 100
69 136.0 23.4 35.2#
84 102.4 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 54.675 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045251.D
Acq: 12 Mar 2025 16:08

Tgt Ion: 65 Resp: 56511
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.2

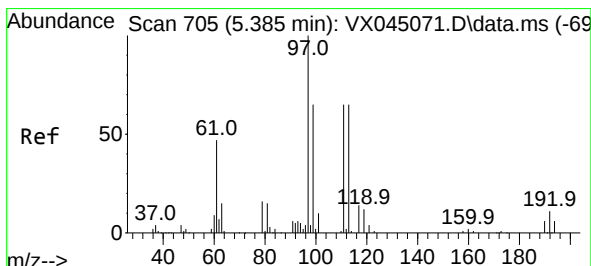
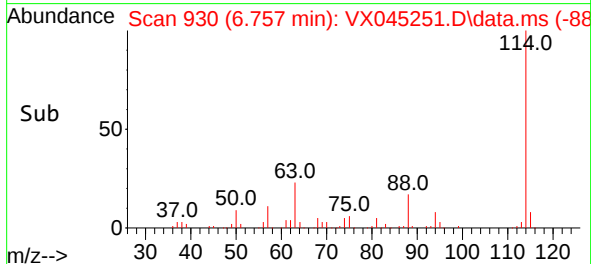
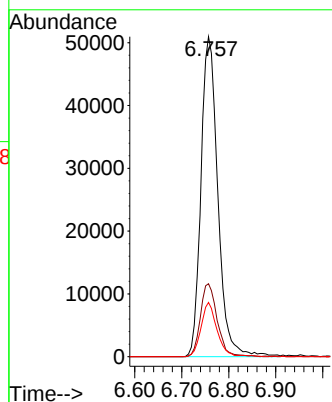
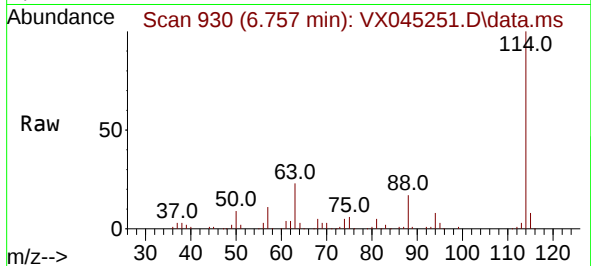




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045251.D
Acq: 12 Mar 2025 16:08

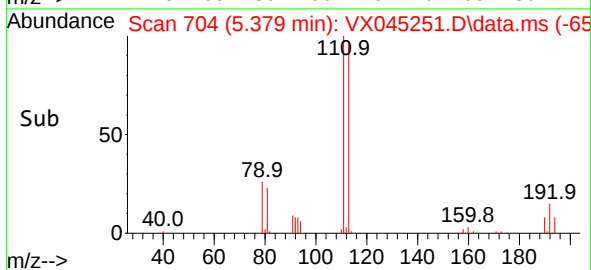
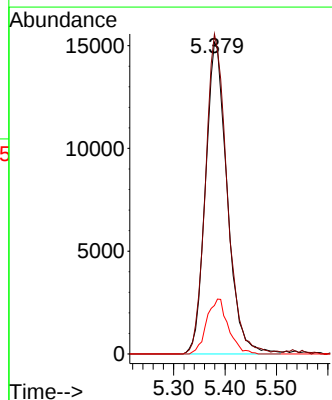
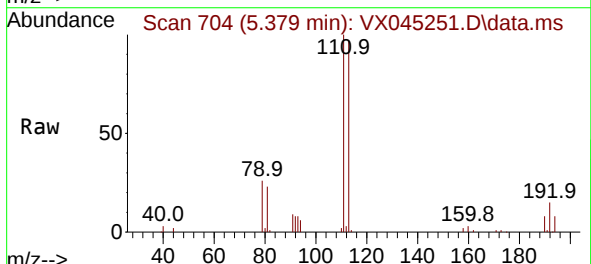
Instrument :
MSVOA_X
ClientSampleId :
TAP-TB-04-031025-T2

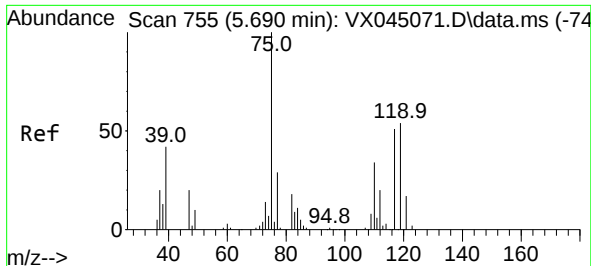
Tgt Ion:114 Resp: 127269
Ion Ratio Lower Upper
114 100
63 22.8 0.0 41.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.299 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045251.D
Acq: 12 Mar 2025 16:08

Tgt Ion:113 Resp: 44507
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.6
192 17.5 14.3 21.5

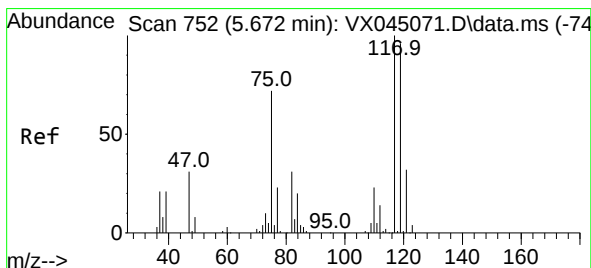
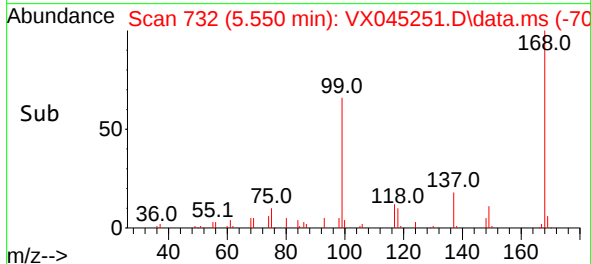
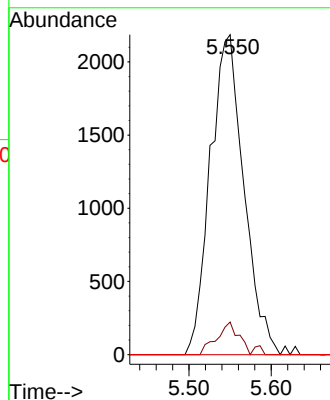
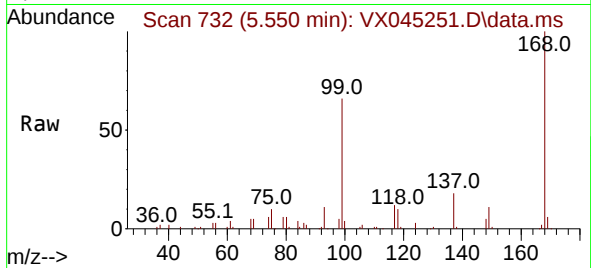




#36
1,1-Dichloropropene
Concen: 5.318 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX045251.D
Acq: 12 Mar 2025 16:08

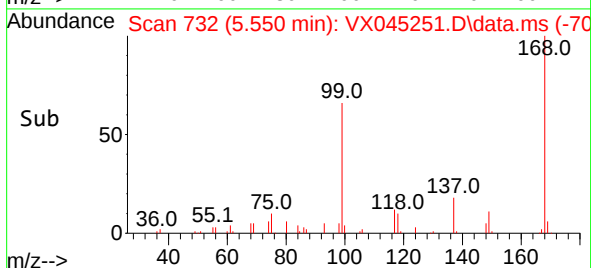
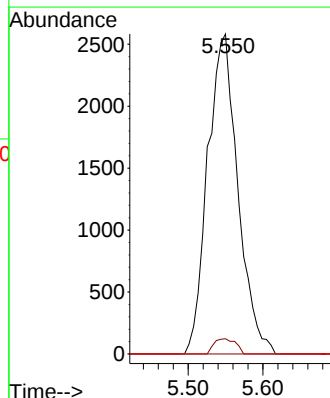
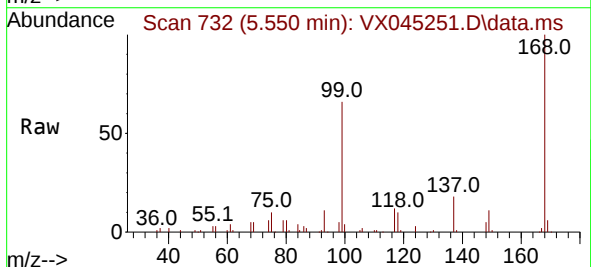
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TAP-TB-04-031025-T2

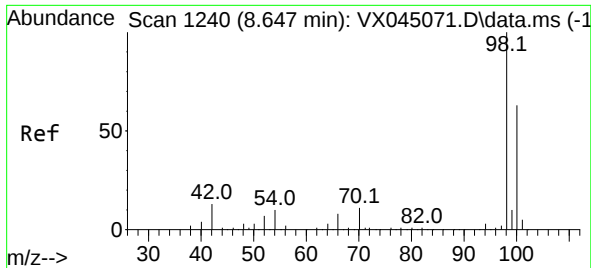
Tgt Ion: 75 Resp: 6207
Ion Ratio Lower Upper
75 100
110 6.7 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.136 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045251.D
Acq: 12 Mar 2025 16:08

Tgt Ion: 117 Resp: 7270
Ion Ratio Lower Upper
117 100
119 4.8 76.7 115.1#
121 0.0 25.5 38.3#

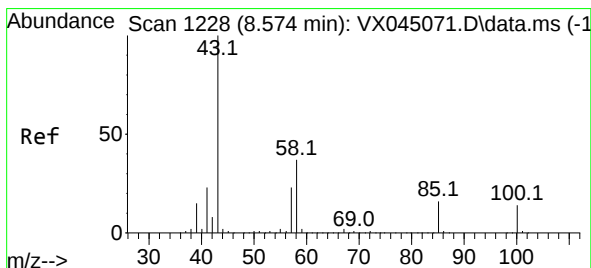
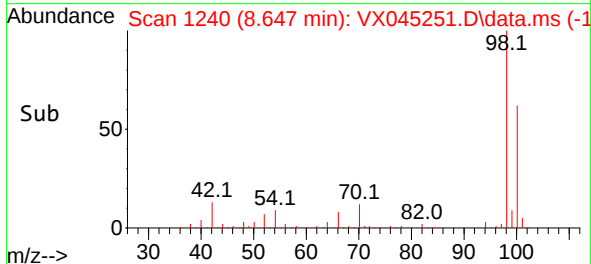
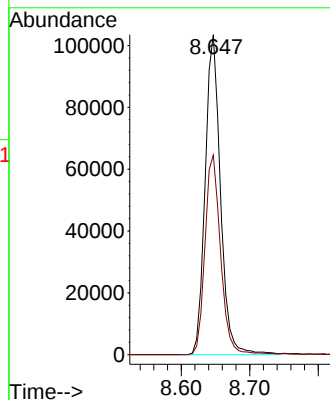
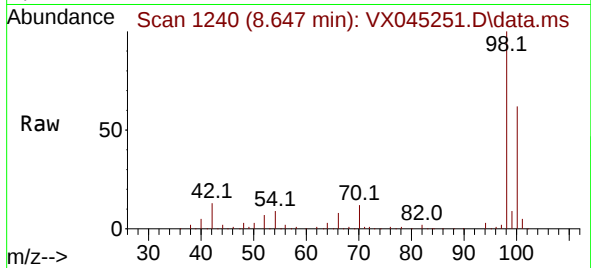




#50
Toluene-d8
Concen: 52.339 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045251.D
Acq: 12 Mar 2025 16:08

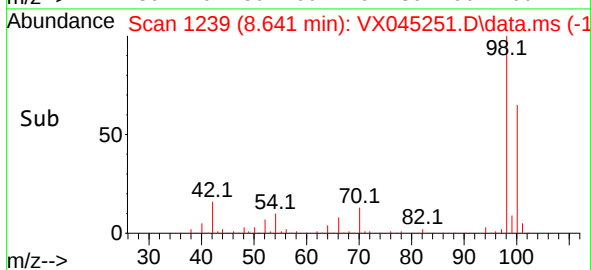
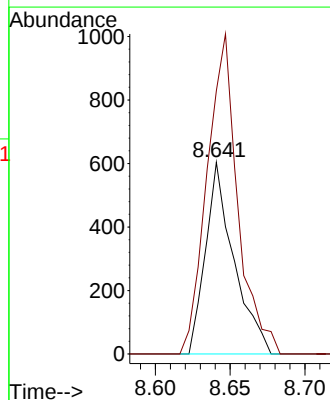
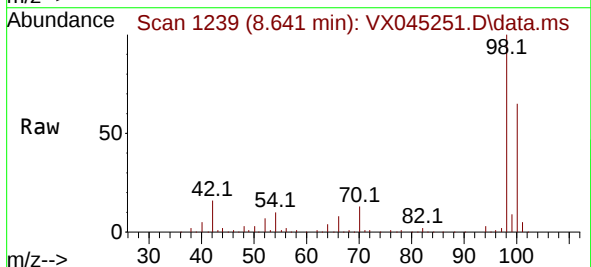
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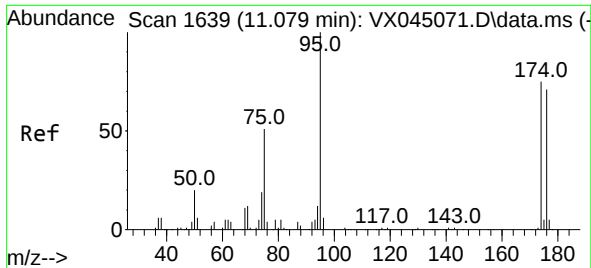
Tgt Ion: 98 Resp: 161479
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.532 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045251.D
Acq: 12 Mar 2025 16:08

Tgt Ion: 43 Resp: 794
Ion Ratio Lower Upper
43 100
58 181.4 29.2 43.8#

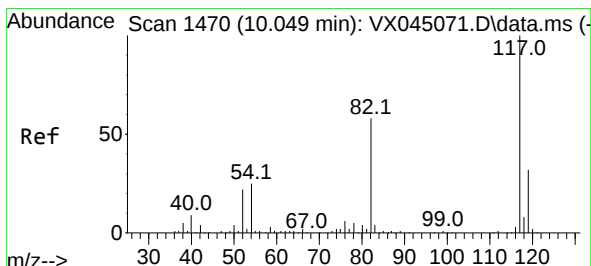
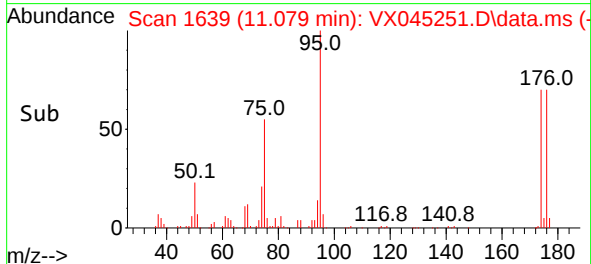
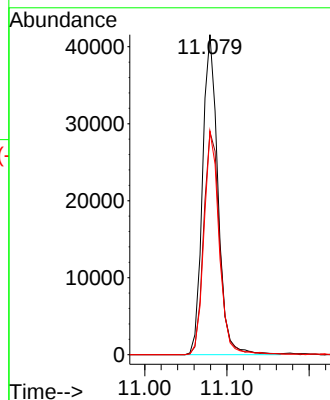
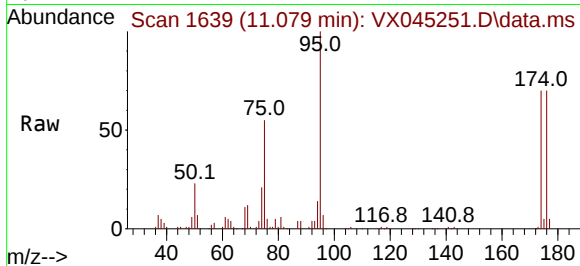




#62
4-Bromofluorobenzene
Concen: 52.847 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045251.D
Acq: 12 Mar 2025 16:08

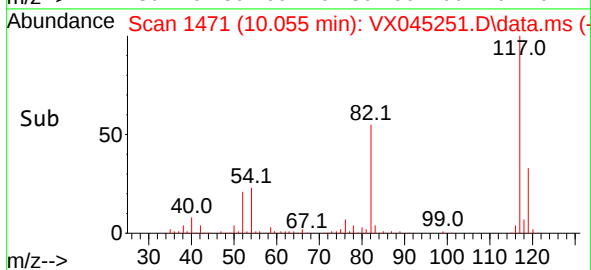
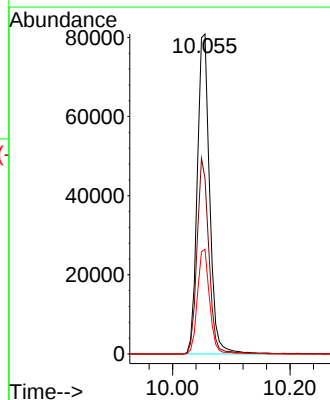
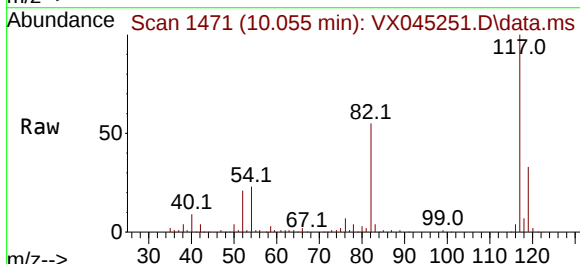
Instrument :
MSVOA_X
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TAP-TB-04-031025-T2

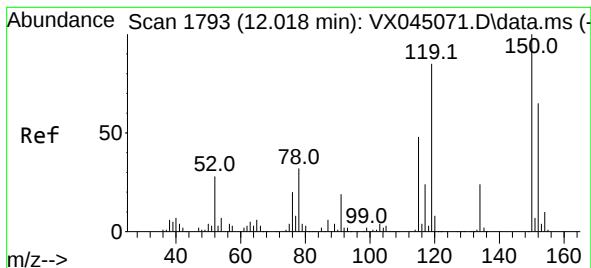
Tgt Ion: 95 Resp: 54028
Ion Ratio Lower Upper
95 100
174 73.0 0.0 148.2
176 69.3 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045251.D
Acq: 12 Mar 2025 16:08

Tgt Ion: 117 Resp: 118251
Ion Ratio Lower Upper
117 100
82 54.9 46.3 69.5
119 32.7 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045251.D

Acq: 12 Mar 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

TAP-TB-04-031025-T2

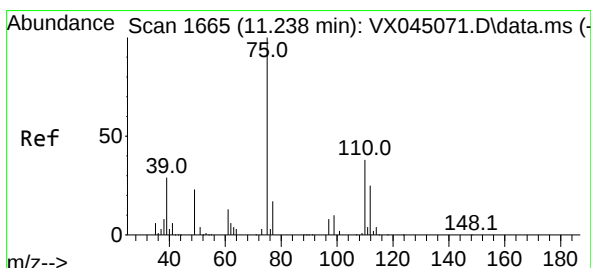
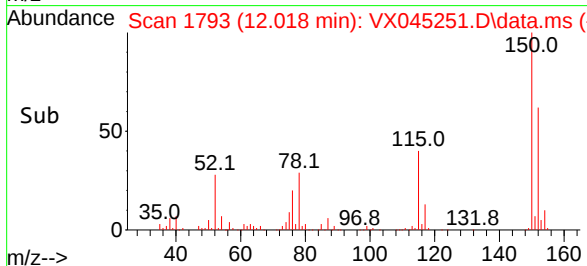
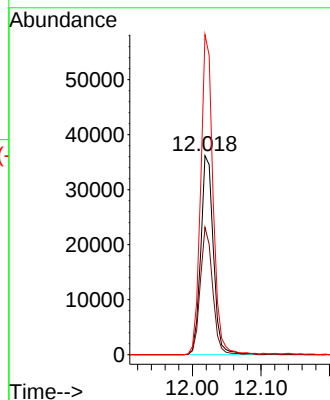
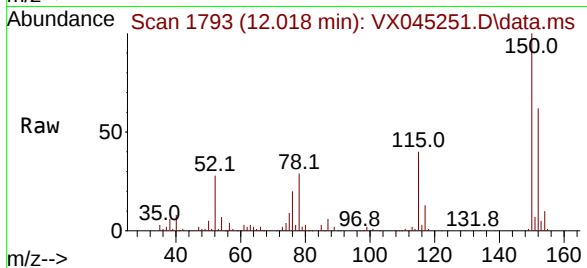
Tgt Ion:152 Resp: 46701

Ion Ratio Lower Upper

152 100

115 62.6 44.2 132.6

150 156.4 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 27.094 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX045251.D

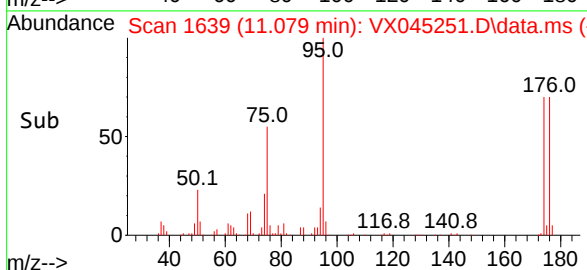
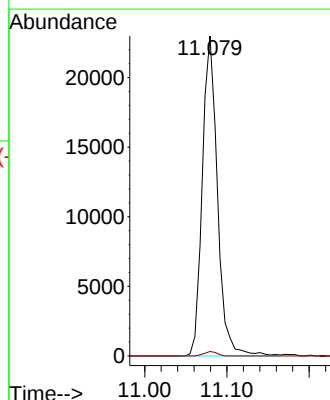
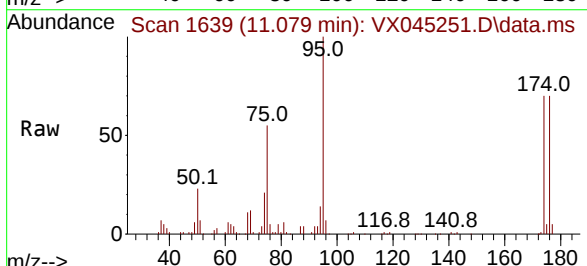
Acq: 12 Mar 2025 16:08

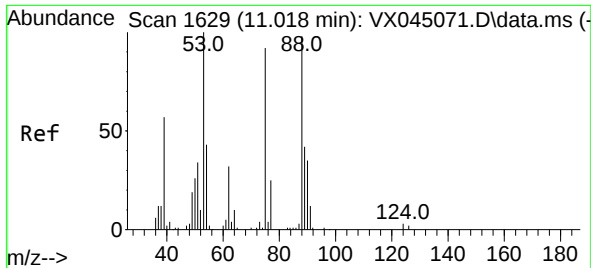
Tgt Ion: 75 Resp: 29450

Ion Ratio Lower Upper

75 100

77 1.2 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.719 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045251.D
 Acq: 12 Mar 2025 16:08

Instrument :
 MSVOA_X
 ClientSampleId :
 TAP-TB-04-031025-T2

Tgt Ion: 75 Resp: 29450
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

