

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045234.D
 Acq On : 11 Mar 2025 19:02
 Operator : JC/MD
 Sample : Q1531-06 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20250306

Quant Time: Mar 12 01:54:40 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)

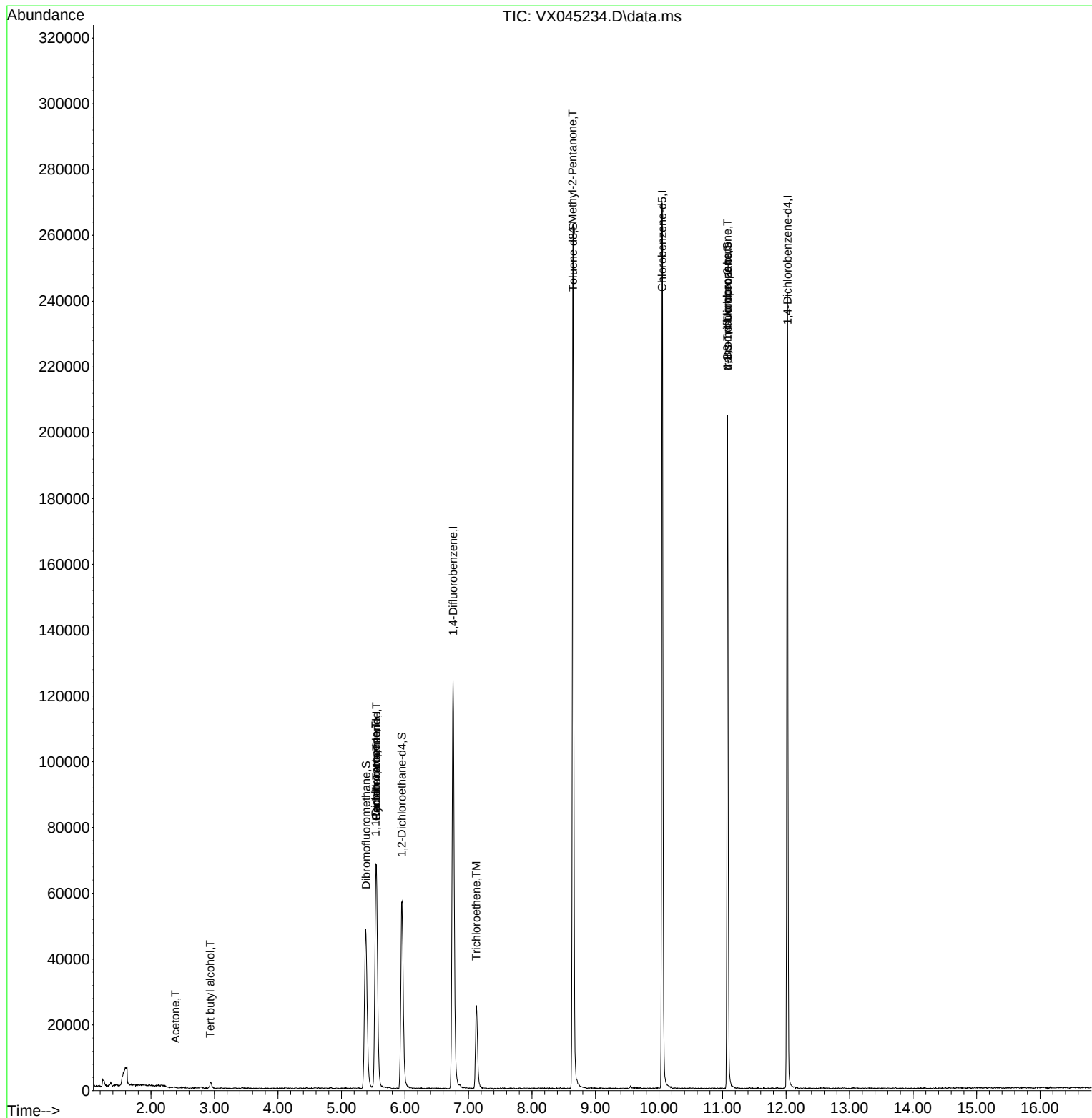
Internal Standards						
1) Pentafluorobenzene	5.550	168	63604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123847	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	114386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	53592	52.971	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.940%	
35) Dibromofluoromethane	5.385	113	42737	51.606	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.220%	
50) Toluene-d8	8.647	98	153978	51.287	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.580%	
62) 4-Bromofluorobenzene	11.079	95	52884	53.157	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	1083	5.651	ug/l #	73
16) Acetone	2.386	43	294	0.626	ug/l #	44
31) Cyclohexane	5.550	56	1844	1.340	ug/l #	23
36) 1,1-Dichloropropene	5.538	75	5929	5.221	ug/l #	49
38) Carbon Tetrachloride	5.550	117	6928	6.009	ug/l #	16
44) Trichloroethene	7.123	130	9735	11.561	ug/l	96
51) 4-Methyl-2-Pentanone	8.641	43	830	0.571	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	29460	26.814	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	29460	91.763	ug/l #	6

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20250306

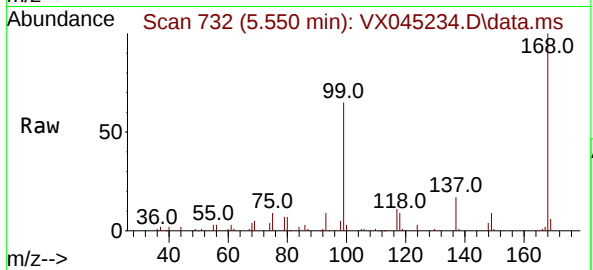
Quant Time: Mar 12 01:54:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



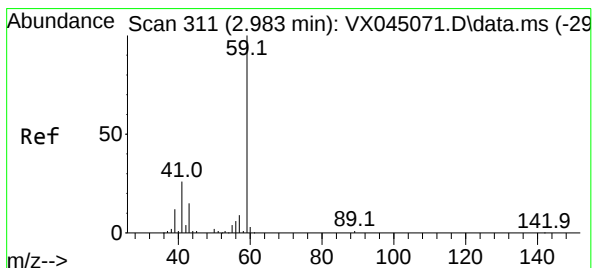
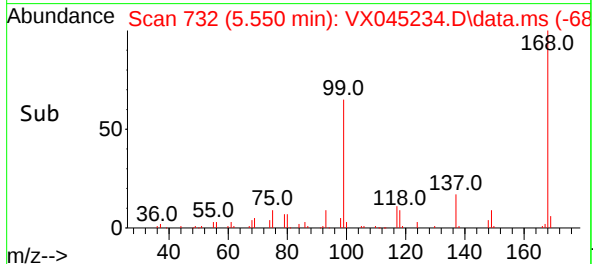
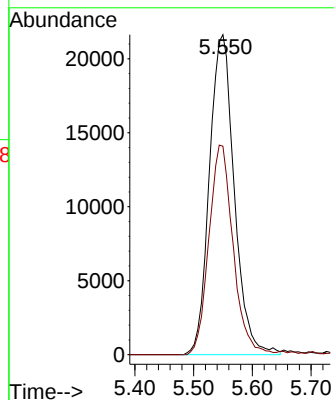


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045234.D
Acq: 11 Mar 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20250306

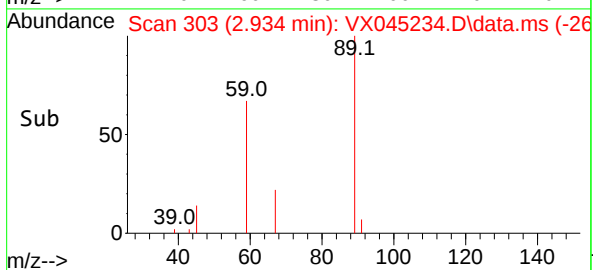
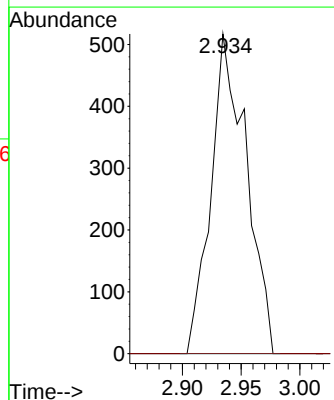
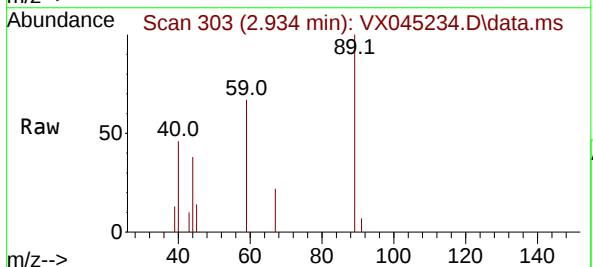


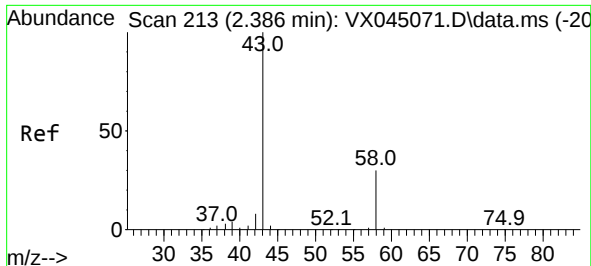
Tgt Ion:168 Resp: 63604
Ion Ratio Lower Upper
168 100
99 65.1 48.2 72.4



#11
Tert butyl alcohol
Concen: 5.651 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.049 min
Lab File: VX045234.D
Acq: 11 Mar 2025 19:02

Tgt Ion: 59 Resp: 1083
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

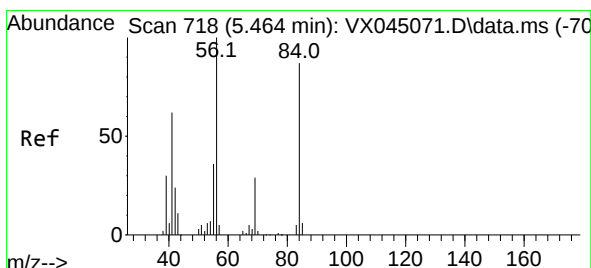
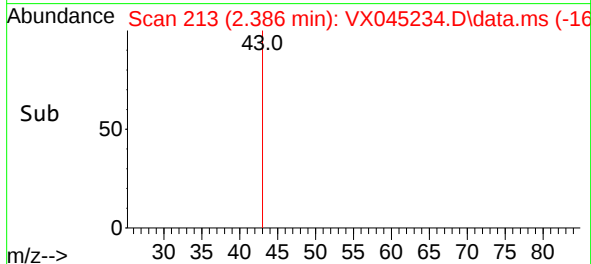
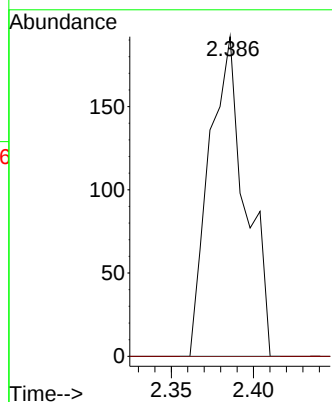
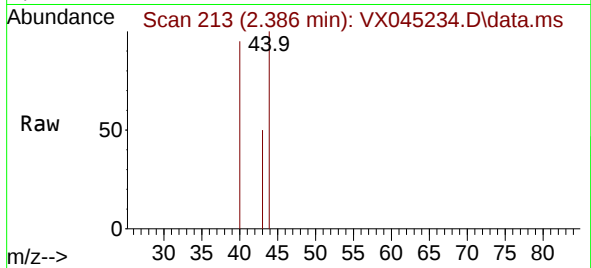




#16
Acetone
Concen: 0.626 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045234.D
Acq: 11 Mar 2025 19:02

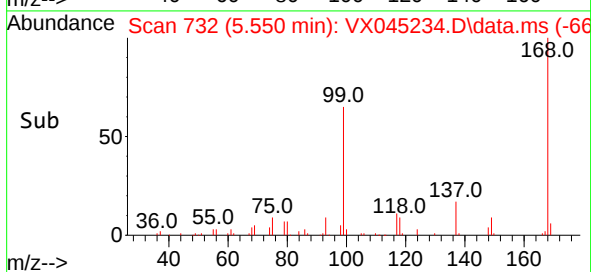
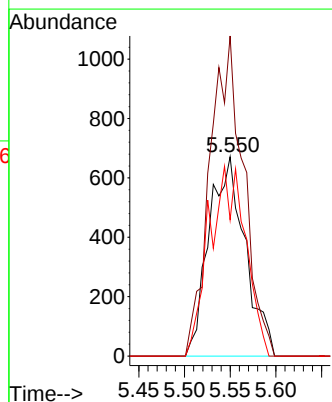
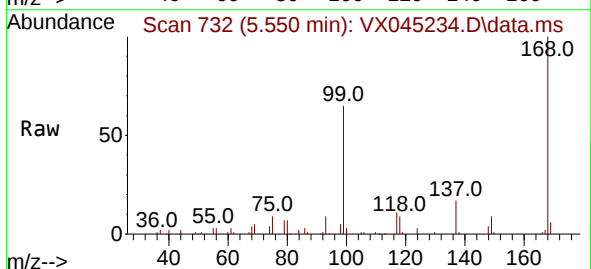
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20250306

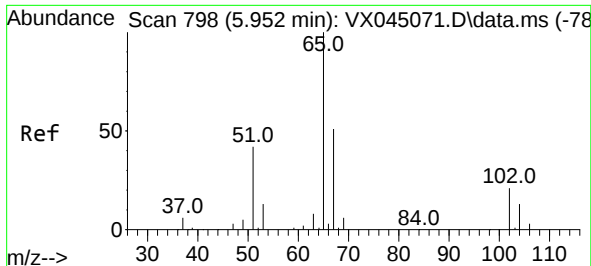
Tgt Ion: 43 Resp: 294
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#31
Cyclohexane
Concen: 1.340 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX045234.D
Acq: 11 Mar 2025 19:02

Tgt Ion: 56 Resp: 1844
Ion Ratio Lower Upper
56 100
69 160.7 23.4 35.2#
84 68.4 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 52.971 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045234.D

Acq: 11 Mar 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

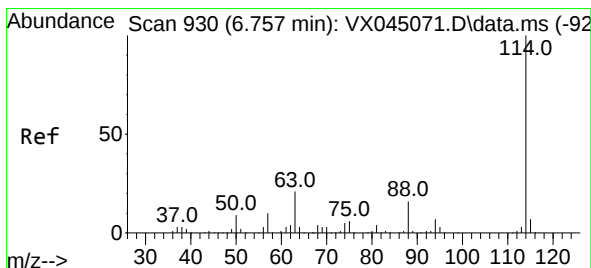
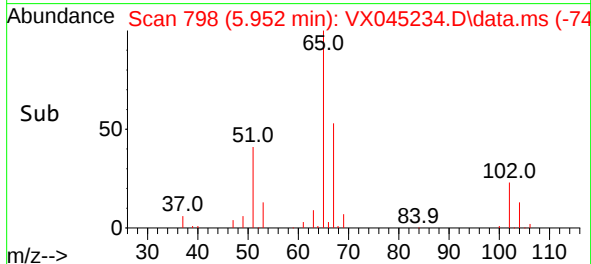
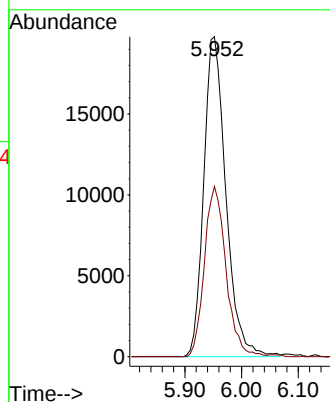
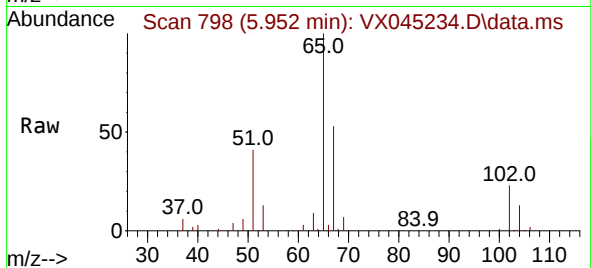
DUP01-20250306

Tgt Ion: 65 Resp: 53592

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045234.D

Acq: 11 Mar 2025 19:02

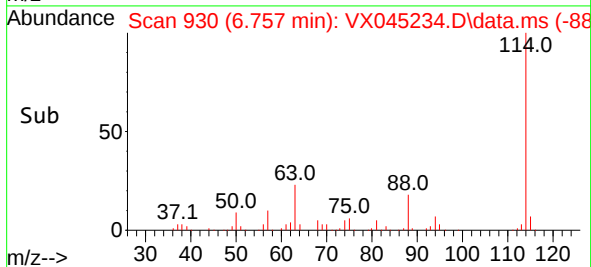
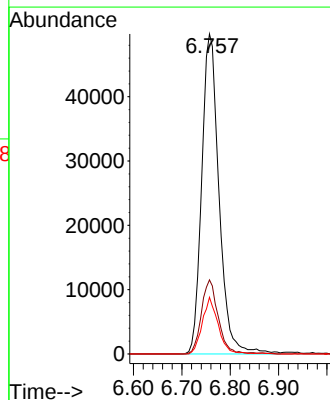
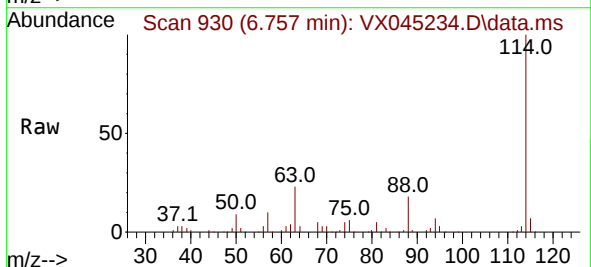
Tgt Ion: 114 Resp: 123847

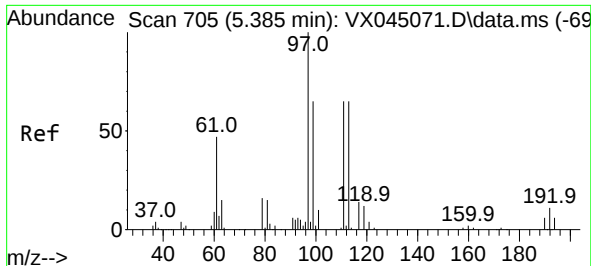
Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.8

88 17.7 0.0 32.8

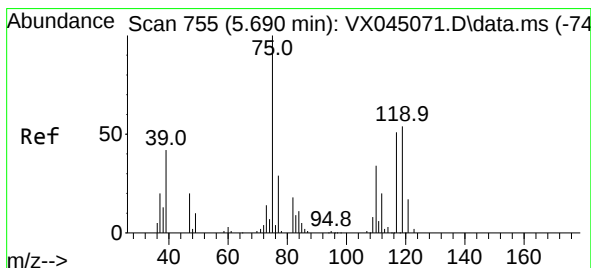
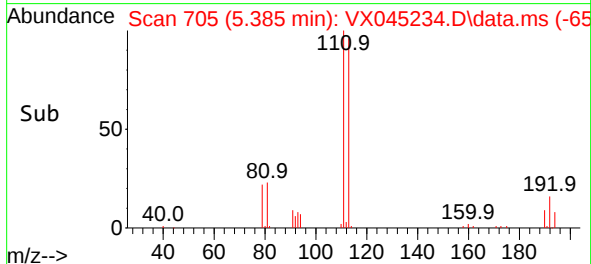
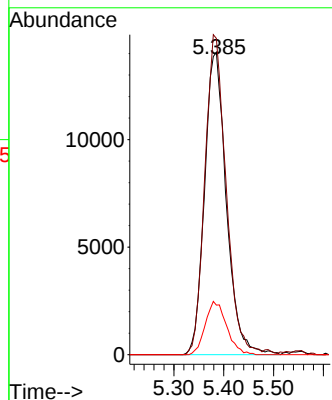
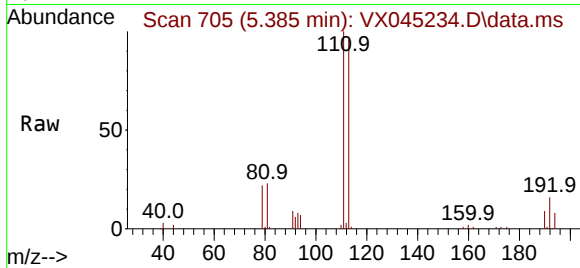




#35
Dibromofluoromethane
Concen: 51.606 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045234.D
Acq: 11 Mar 2025 19:02

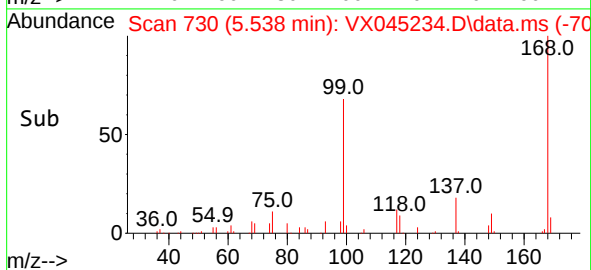
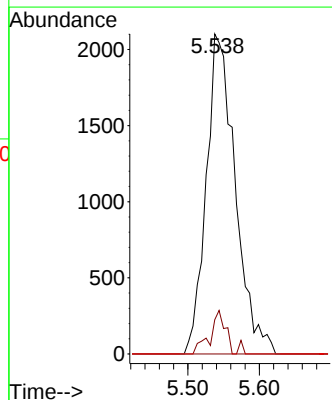
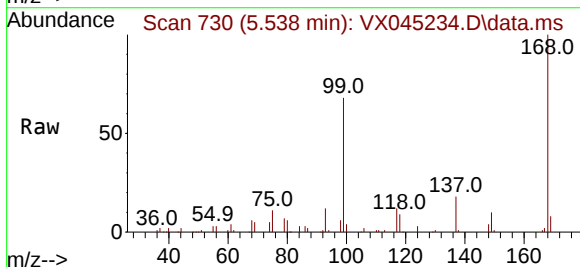
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20250306

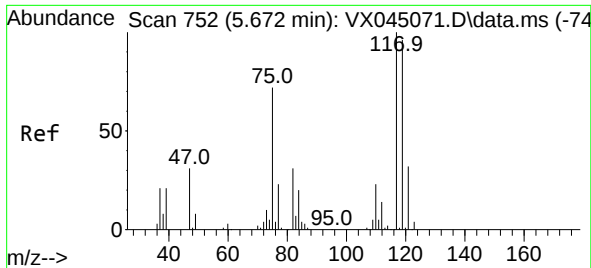
Tgt Ion:113 Resp: 42737
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 17.3 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.221 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.152 min
Lab File: VX045234.D
Acq: 11 Mar 2025 19:02

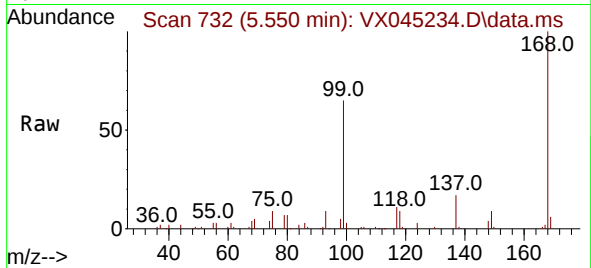
Tgt Ion: 75 Resp: 5929
Ion Ratio Lower Upper
75 100
110 7.2 16.9 50.6#
77 0.0 24.5 36.7#



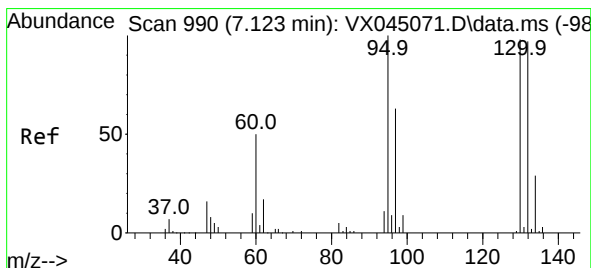
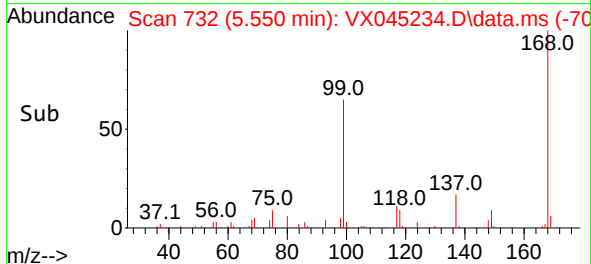
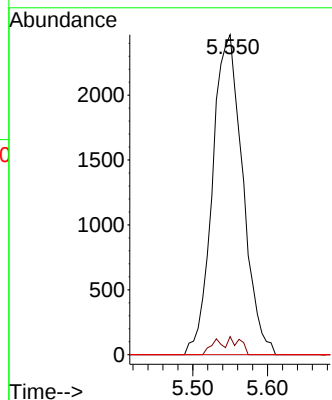


#38
Carbon Tetrachloride
Concen: 6.009 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX045234.D
Acq: 11 Mar 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20250306

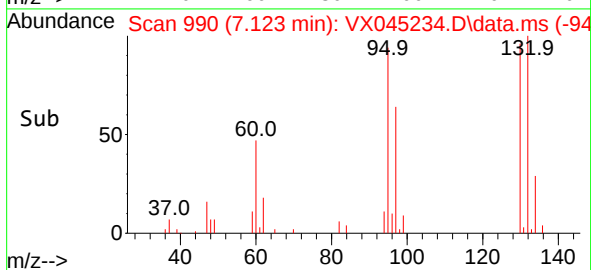
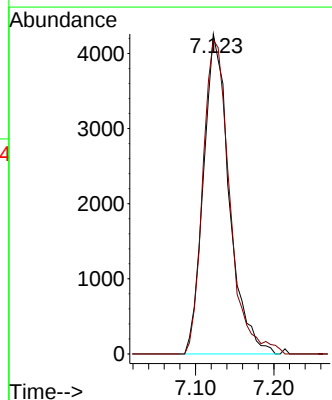
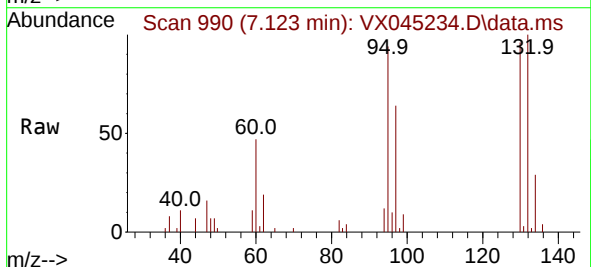


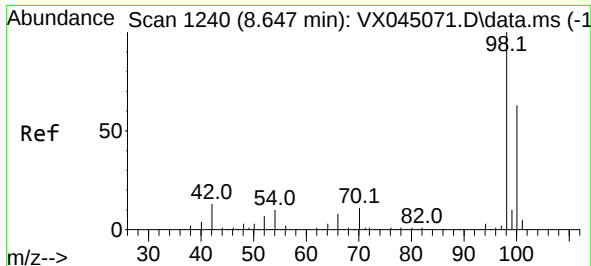
Tgt Ion:117 Resp: 6928
Ion Ratio Lower Upper
117 100
119 5.6 76.7 115.1#
121 0.0 25.5 38.3#



#44
Trichloroethene
Concen: 11.561 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045234.D
Acq: 11 Mar 2025 19:02

Tgt Ion:130 Resp: 9735
Ion Ratio Lower Upper
130 100
95 98.1 0.0 205.0

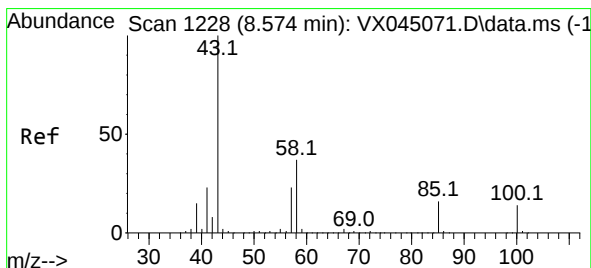
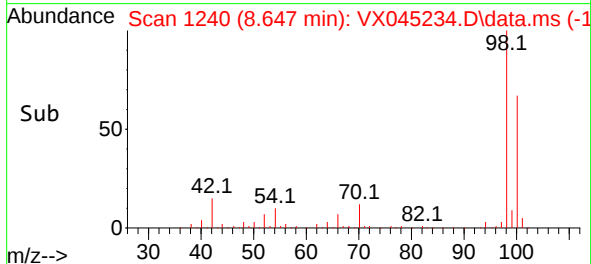
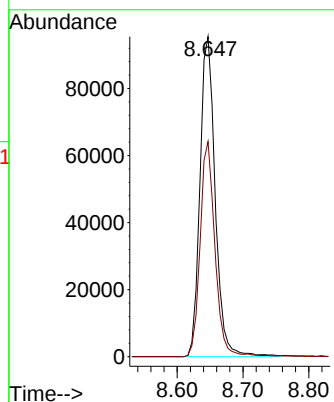
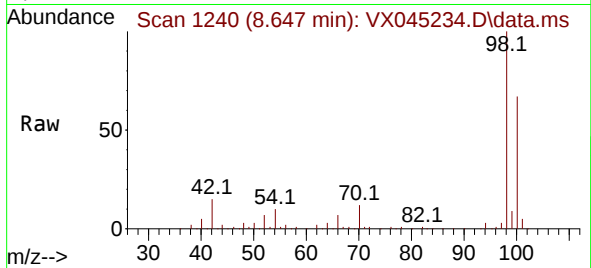




#50
Toluene-d8
Concen: 51.287 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045234.D
Acq: 11 Mar 2025 19:02

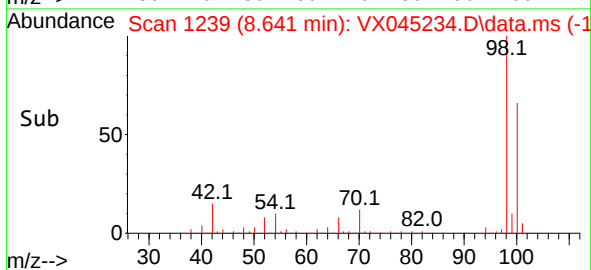
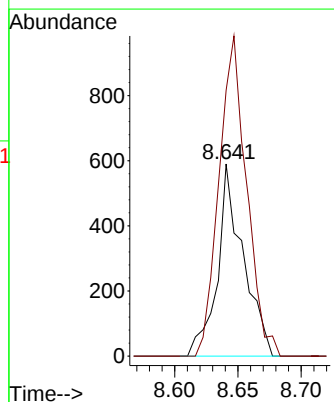
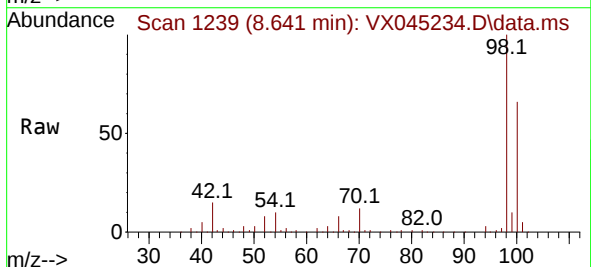
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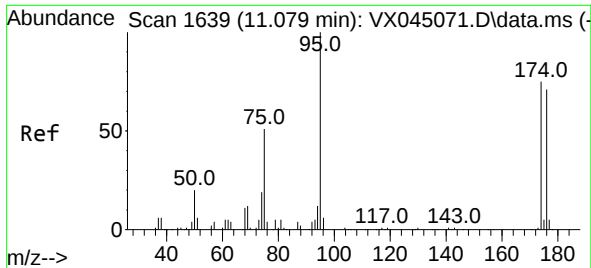
Tgt Ion: 98 Resp: 153978
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.571 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045234.D
Acq: 11 Mar 2025 19:02

Tgt Ion: 43 Resp: 830
Ion Ratio Lower Upper
43 100
58 179.8 29.2 43.8#

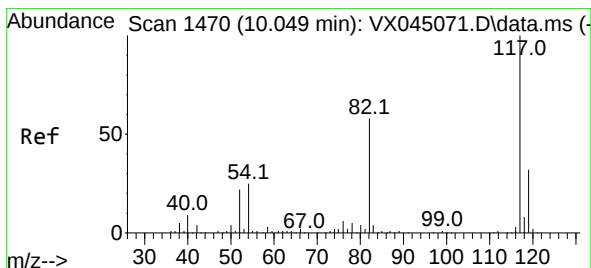
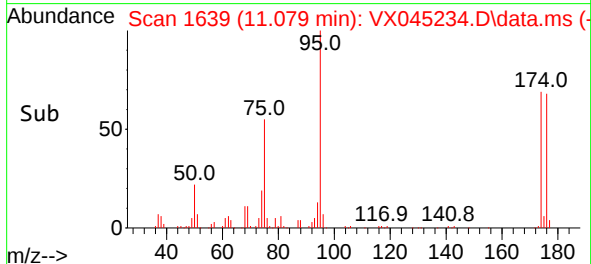
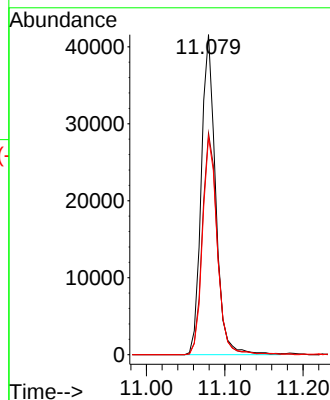
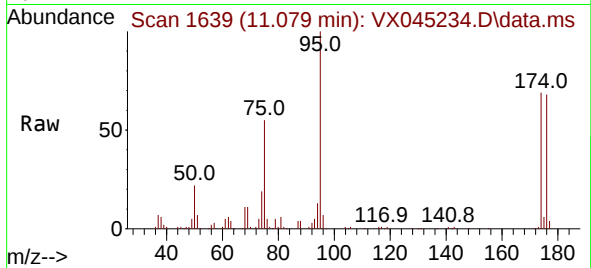




#62
4-Bromofluorobenzene
Concen: 53.157 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045234.D
Acq: 11 Mar 2025 19:02

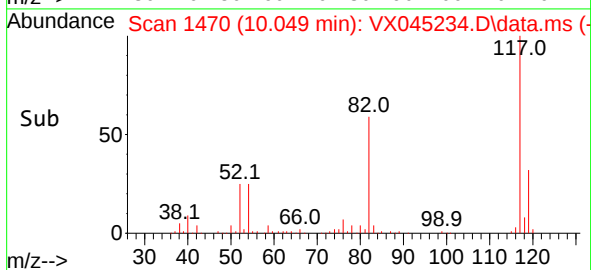
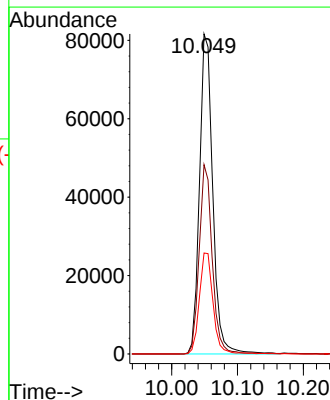
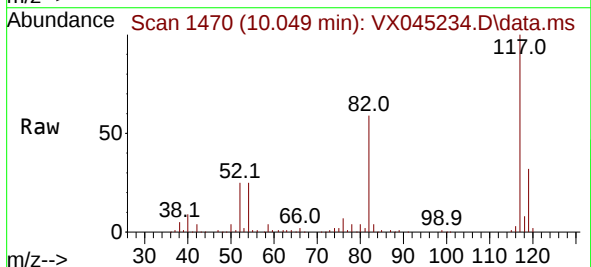
Instrument :
MSVOA_X
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DUP01-20250306

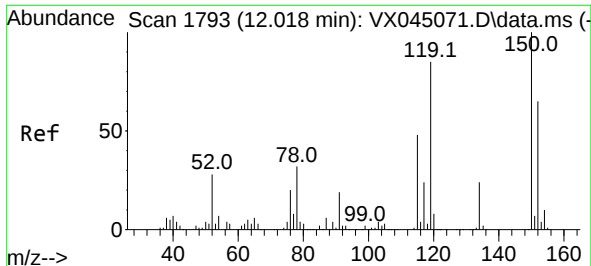
Tgt Ion: 95 Resp: 52884
Ion Ratio Lower Upper
95 100
174 72.2 0.0 148.2
176 69.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045234.D
Acq: 11 Mar 2025 19:02

Tgt Ion: 117 Resp: 114386
Ion Ratio Lower Upper
117 100
82 59.2 46.3 69.5
119 31.5 25.7 38.5

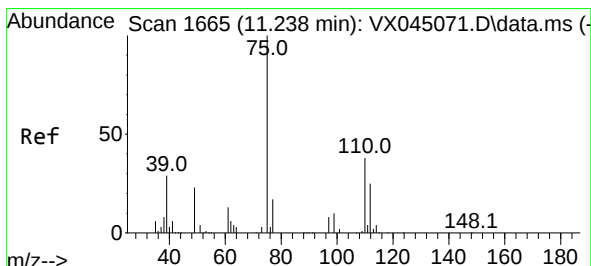
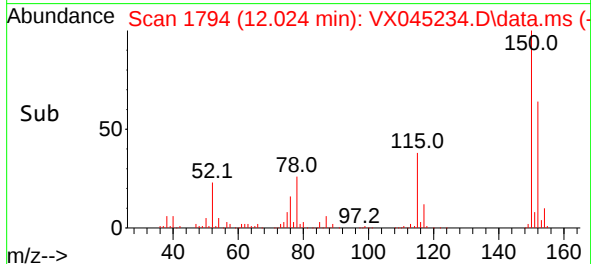
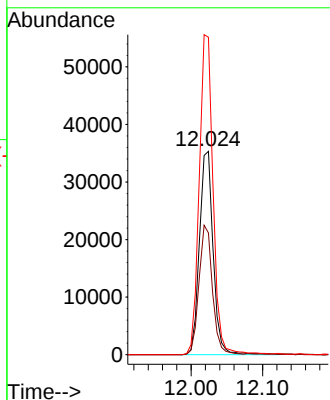
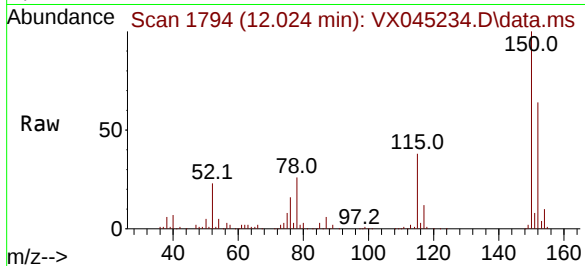




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045234.D
Acq: 11 Mar 2025 19:02

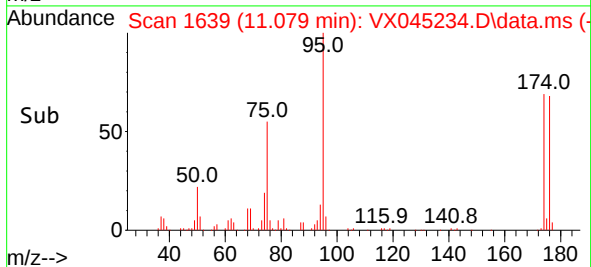
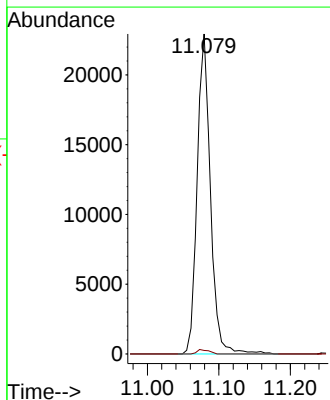
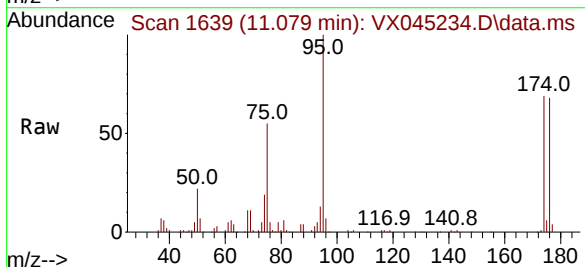
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20250306

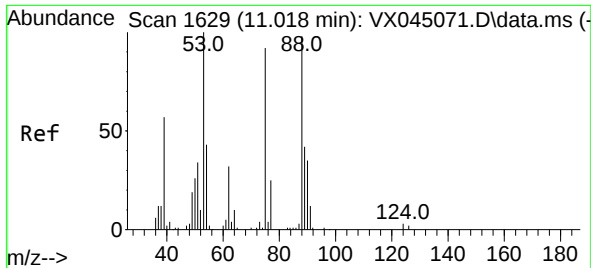
Tgt Ion:152 Resp: 47204
Ion Ratio Lower Upper
152 100
115 62.3 44.2 132.6
150 158.3 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.814 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045234.D
Acq: 11 Mar 2025 19:02

Tgt Ion: 75 Resp: 29460
Ion Ratio Lower Upper
75 100
77 1.2 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.763 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045234.D
 Acq: 11 Mar 2025 19:02

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20250306

Tgt Ion: 75 Resp: 29460
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

