

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
 Data File : VX046499.D
 Acq On : 04 Jun 2025 14:39
 Operator : JC/MD
 Sample : Q2200-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-03B-90-060325

Quant Time: Jun 05 01:55:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

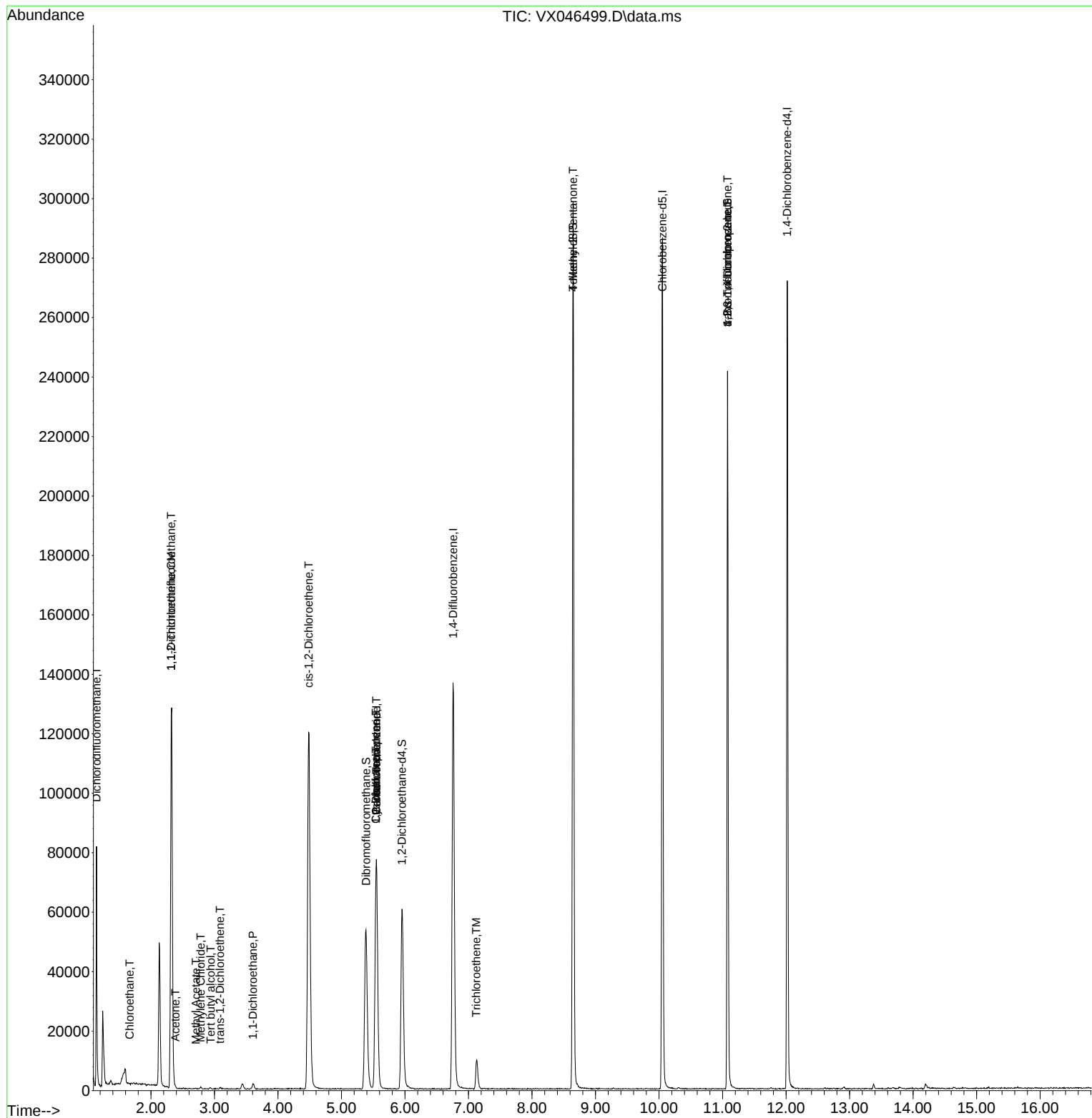
Internal Standards						
1) Pentafluorobenzene	5.550	168	65911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62626	50.965	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	101.940%	
35) Dibromofluoromethane	5.385	113	47755	50.215	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.420%	
50) Toluene-d8	8.647	98	165809	50.374	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	100.740%	
62) 4-Bromofluorobenzene	11.079	95	63901	50.610	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	101.220%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.142	85	6407	6.351	ug/l	98
6) Chloroethane	1.666	64	191	0.393	ug/l #	44
9) 1,1,2-Trichlorotrifluo...	2.319	101	51247	61.541	ug/l	99
11) Tert butyl alcohol	2.940	59	43	0.249	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	461	0.590	ug/l #	62
16) Acetone	2.386	43	558	1.133	ug/l #	48
18) Methyl Acetate	2.709	43	231	0.202	ug/l #	55
20) Methylene Chloride	2.782	84	266	0.282	ug/l #	67
21) trans-1,2-Dichloroethene	3.087	96	196	0.249	ug/l #	59
24) 1,1-Dichloroethane	3.605	63	2076	1.292	ug/l #	82
27) cis-1,2-Dichloroethene	4.483	96	73087	77.246	ug/l	89
31) Cyclohexane	5.544	56	1850	1.263	ug/l #	35
36) 1,1-Dichloropropene	5.544	75	6601	5.166	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7439	5.181	ug/l #	15
44) Trichloroethene	7.123	130	3998	4.438	ug/l	92
51) 4-Methyl-2-Pentanone	8.647	43	1008	0.631	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35983	30.393	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35983	98.949	ug/l #	1

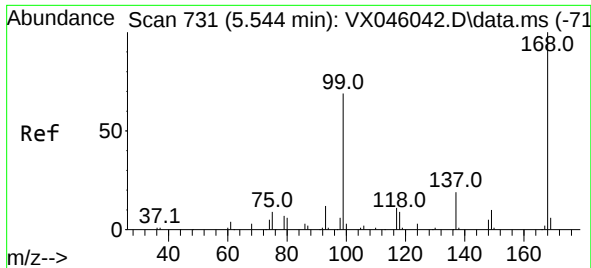
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RMW-03B-90-060325

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Quant Title : SW846 8260
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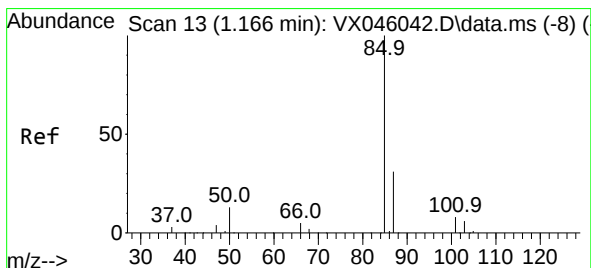
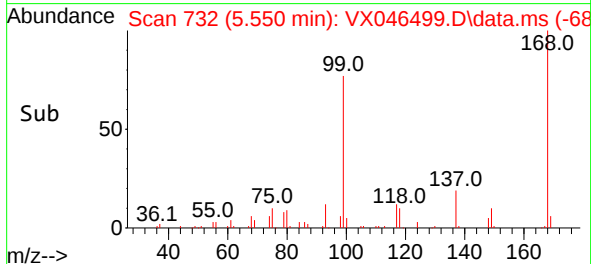
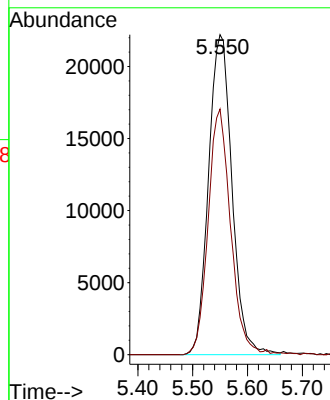
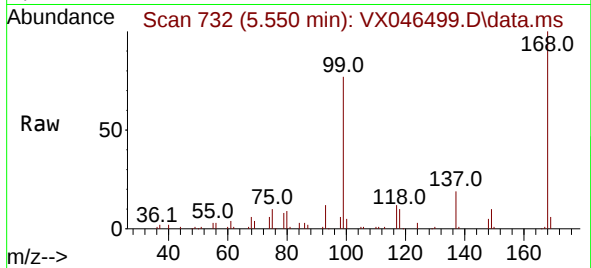




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

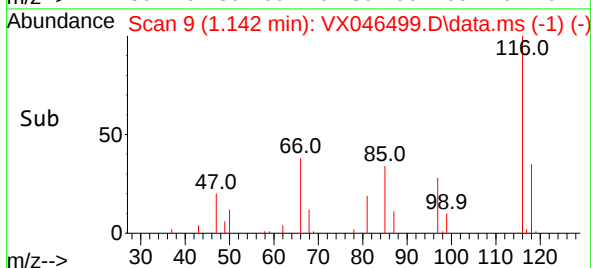
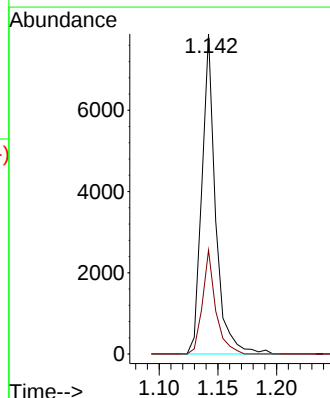
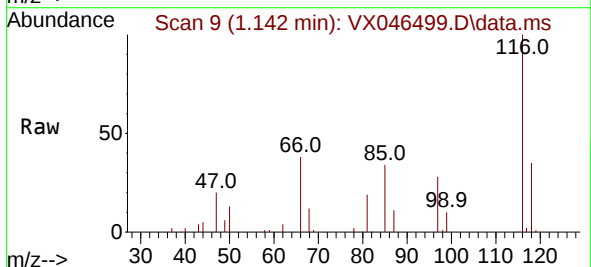
Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-060325

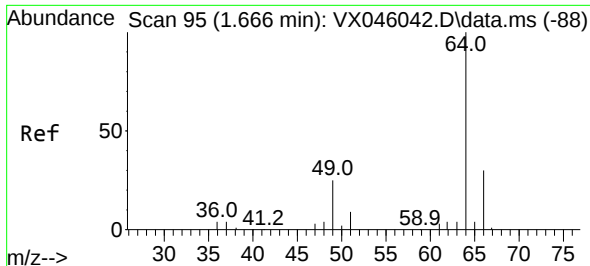
Tgt Ion:168 Resp: 65911
Ion Ratio Lower Upper
168 100
99 76.7 54.9 82.3



#2
Dichlorodifluoromethane
Concen: 6.351 ug/l
RT: 1.142 min Scan# 9
Delta R.T. -0.024 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Tgt Ion: 85 Resp: 6407
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.1

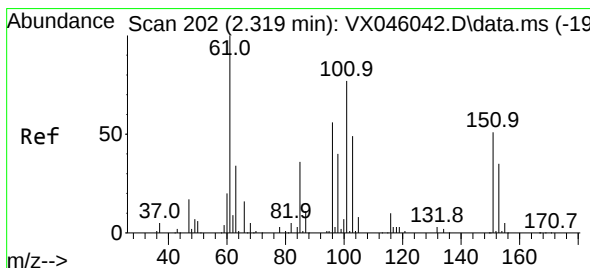
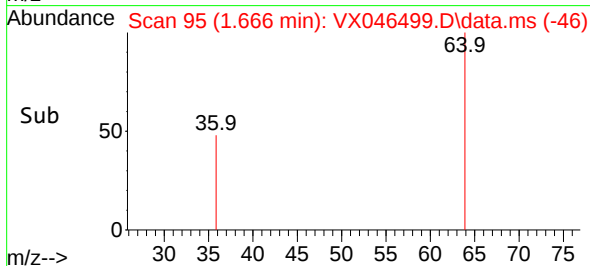
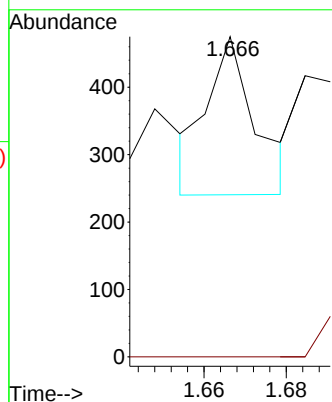
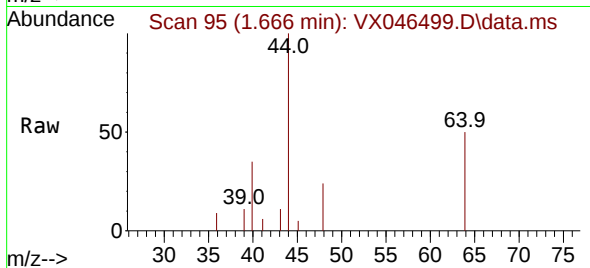




#6
Chloroethane
Concen: 0.393 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

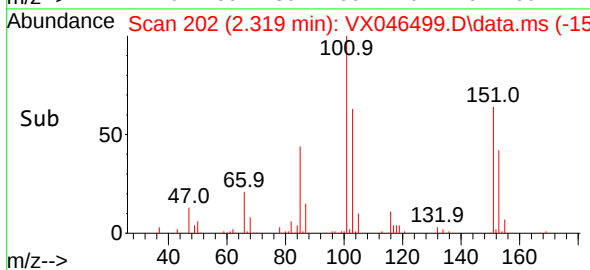
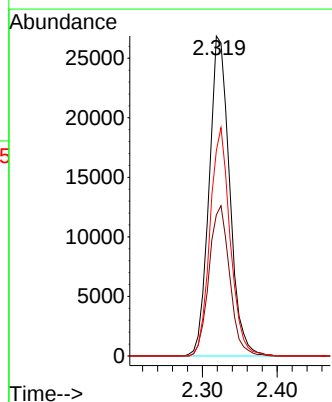
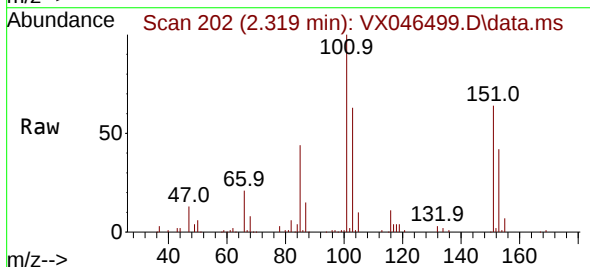
Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-060325

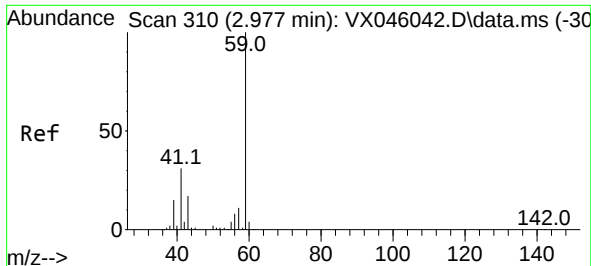
Tgt Ion: 64 Resp: 191
Ion Ratio Lower Upper
64 100
66 0.0 24.3 36.5#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 61.541 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Tgt Ion: 101 Resp: 51247
Ion Ratio Lower Upper
101 100
85 47.4 38.6 58.0
151 70.2 55.2 82.8

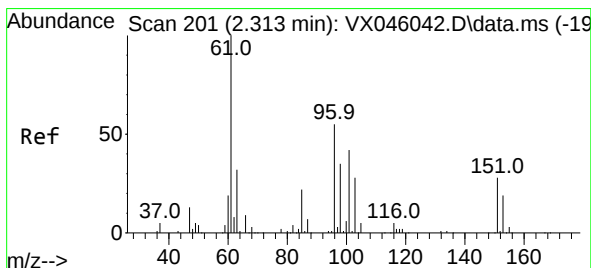
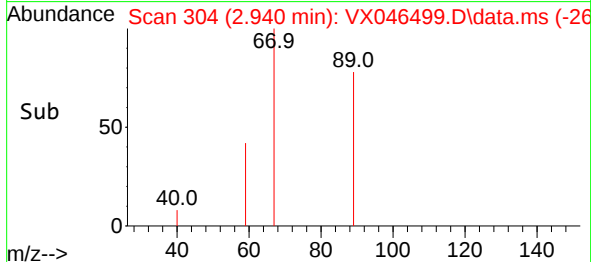
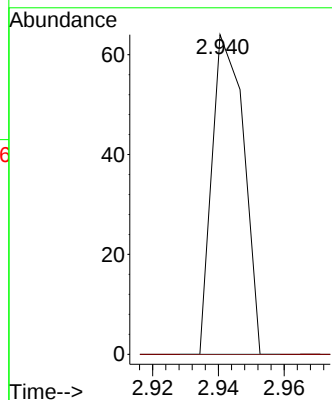
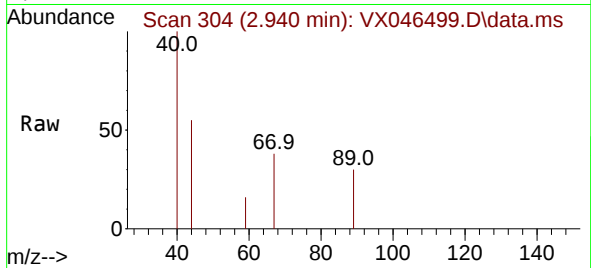




#11
Tert butyl alcohol
Concen: 0.249 ug/l
RT: 2.940 min Scan# 30
Delta R.T. -0.037 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

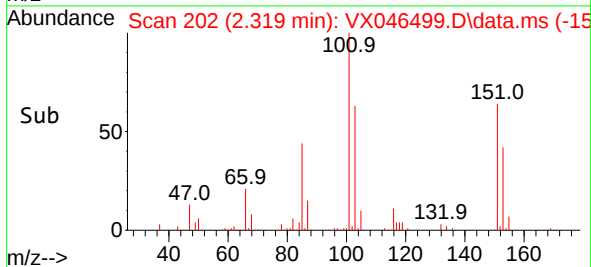
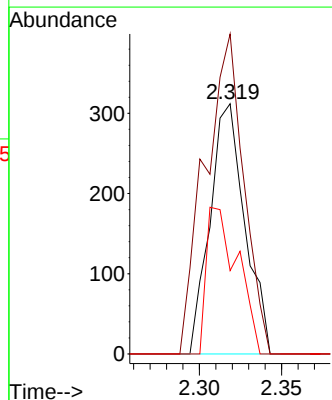
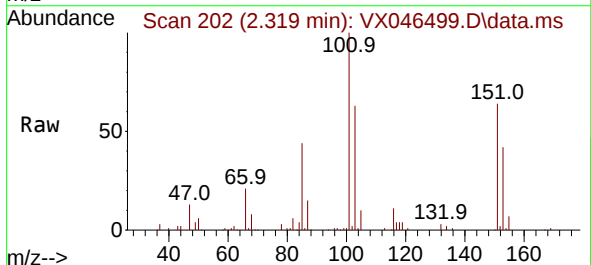
Instrument :
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ClientSampleId :
RMW-03B-90-060325

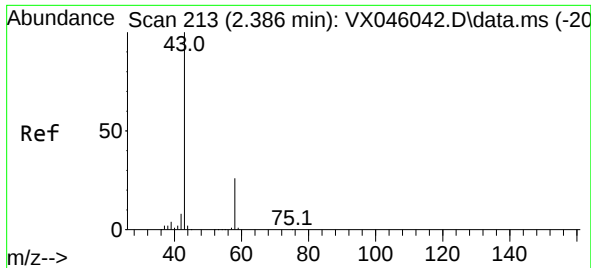
Tgt Ion: 59 Resp: 43
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 0.590 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Tgt Ion: 96 Resp: 461
Ion Ratio Lower Upper
96 100
61 127.9 146.2 219.2#
98 33.3 51.0 76.6#

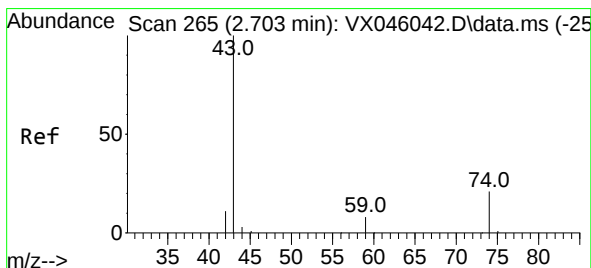
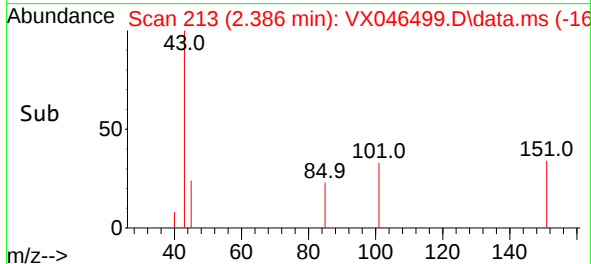
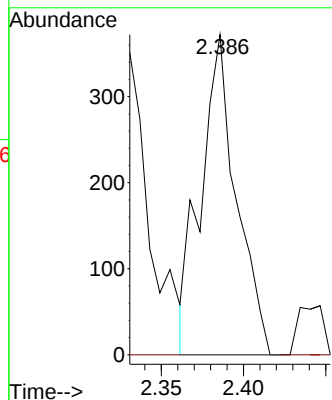
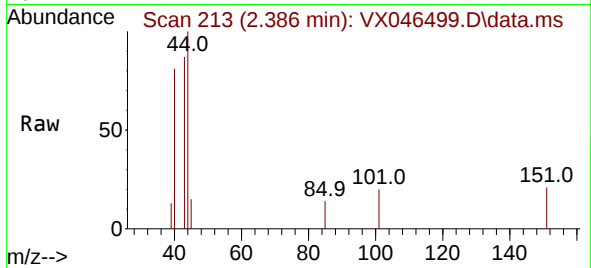




#16
Acetone
Concen: 1.133 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

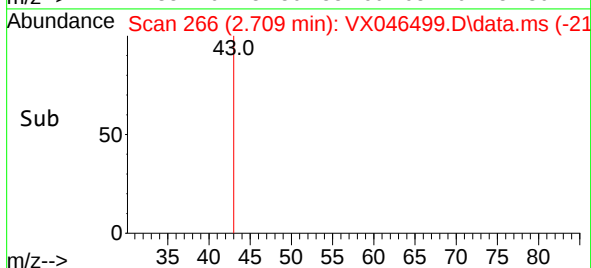
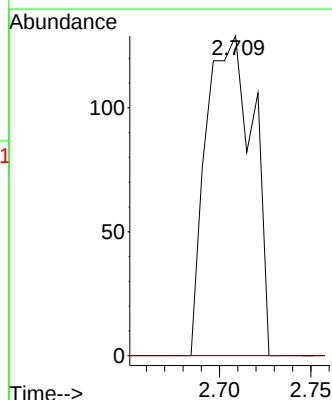
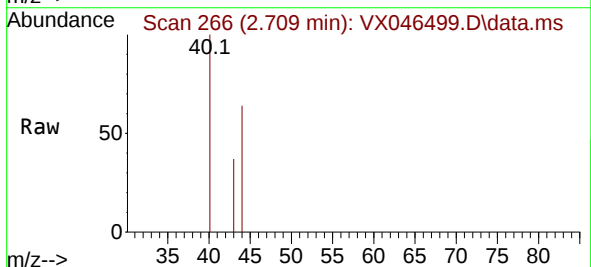
Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-060325

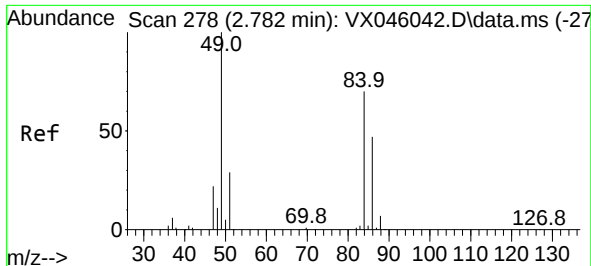
Tgt Ion: 43 Resp: 558
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



#18
Methyl Acetate
Concen: 0.202 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Tgt Ion: 43 Resp: 231
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#

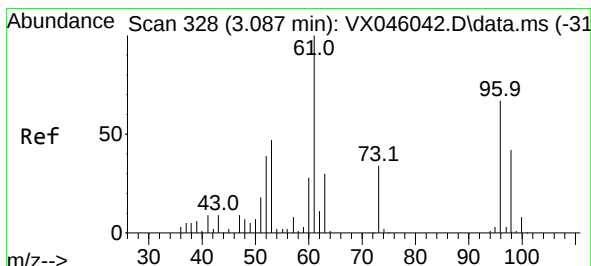
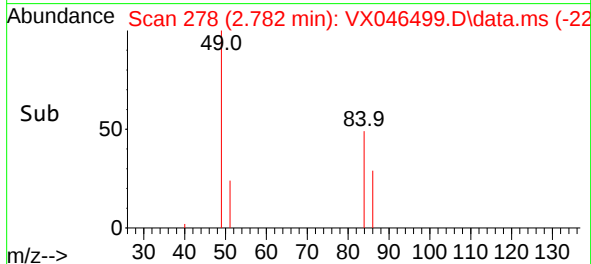
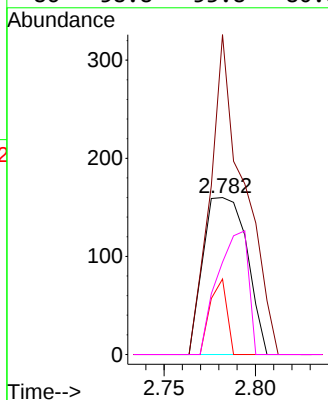
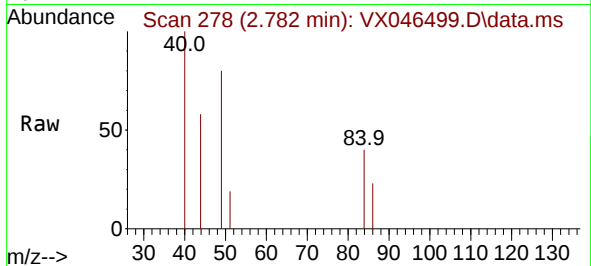




#20
Methylene Chloride
Concen: 0.282 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

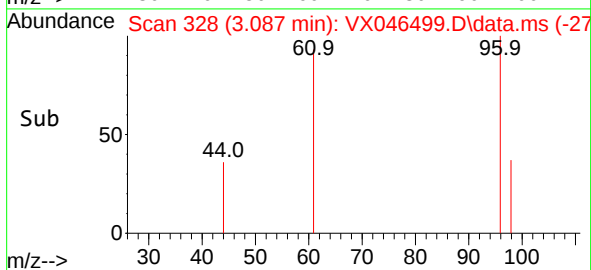
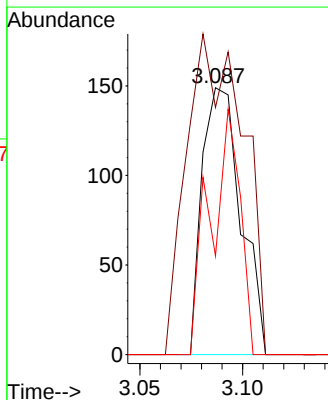
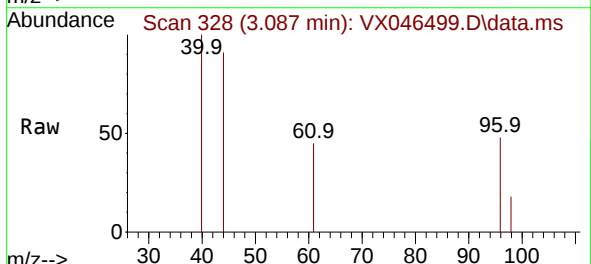
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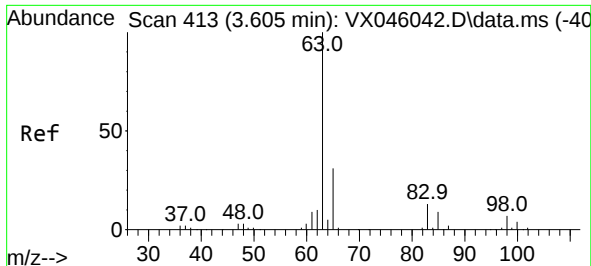
Tgt Ion:	84	Resp:	266
Ion	Ratio	Lower	Upper
84	100		
49	203.8	113.9	170.9#
51	48.1	33.5	50.3
86	58.8	53.8	80.8



#21
trans-1,2-Dichloroethene
Concen: 0.249 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Tgt Ion:	96	Resp:	196
Ion	Ratio	Lower	Upper
96	100		
61	92.6	119.5	179.3#
98	36.9	50.0	75.0#

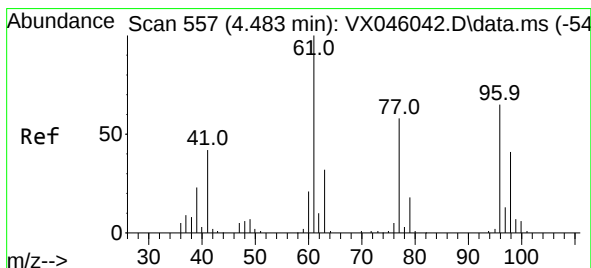
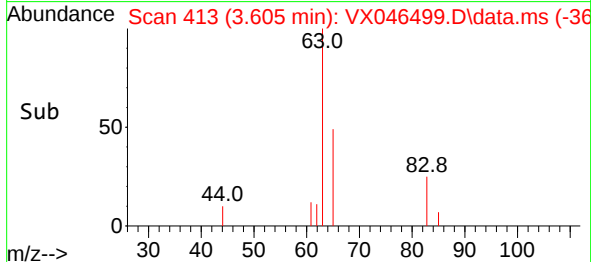
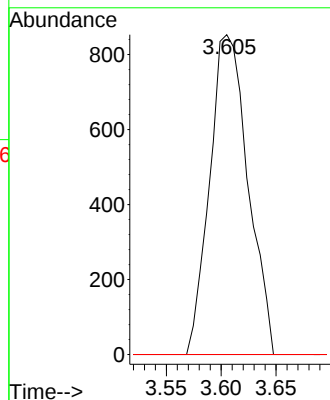
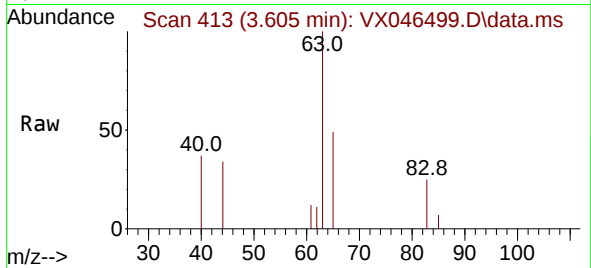




#24
1,1-Dichloroethane
Concen: 1.292 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

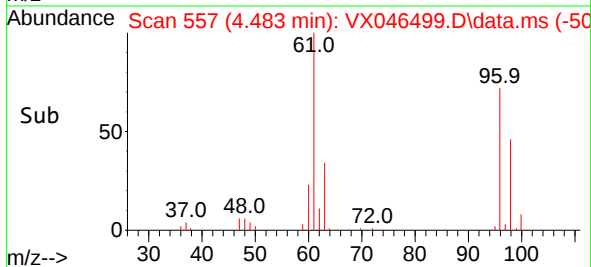
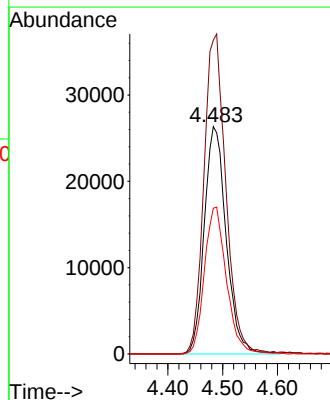
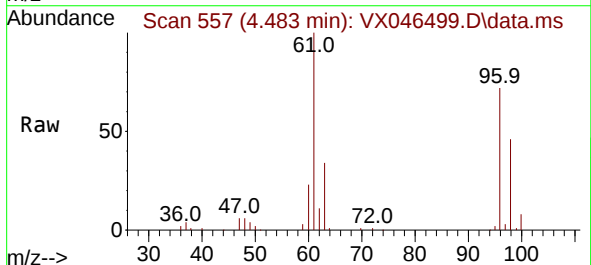
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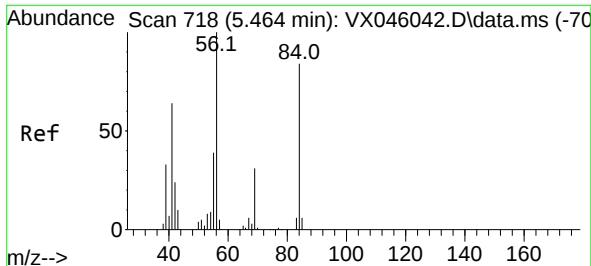
Tgt Ion: 63 Resp: 2076
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.8#
100 0.0 2.1 6.3#



#27
cis-1,2-Dichloroethene
Concen: 77.246 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Tgt Ion: 96 Resp: 73087
Ion Ratio Lower Upper
96 100
61 140.7 0.0 322.8
98 64.8 0.0 129.0

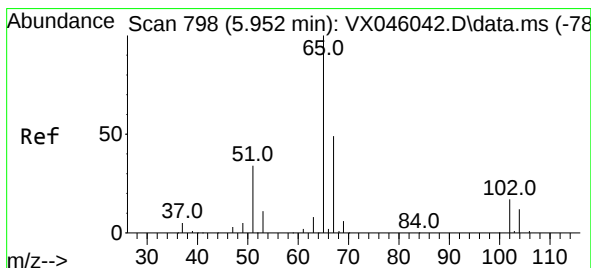
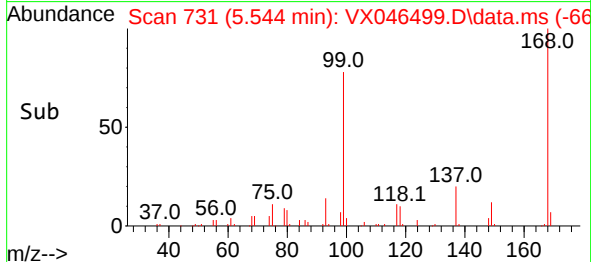
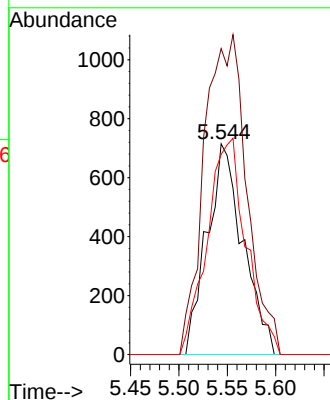
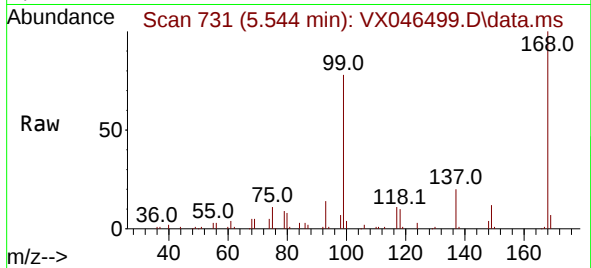




#31
Cyclohexane
Concen: 1.263 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

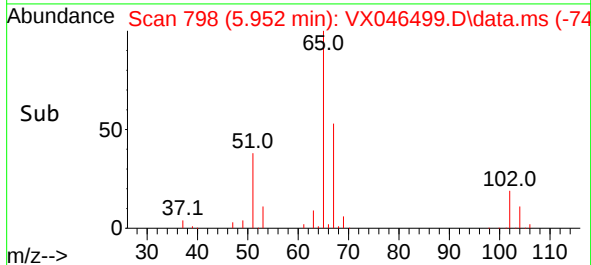
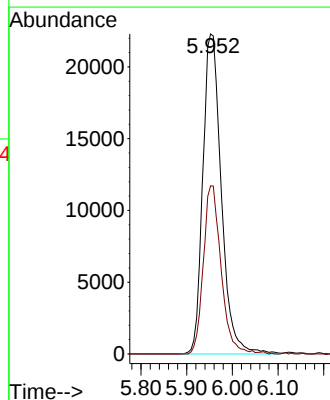
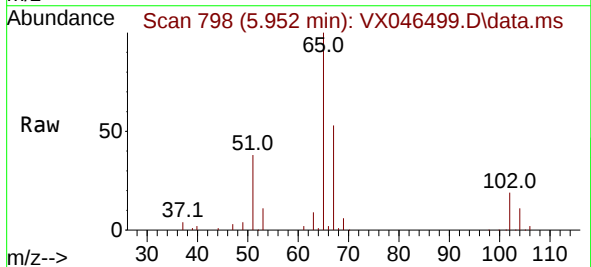
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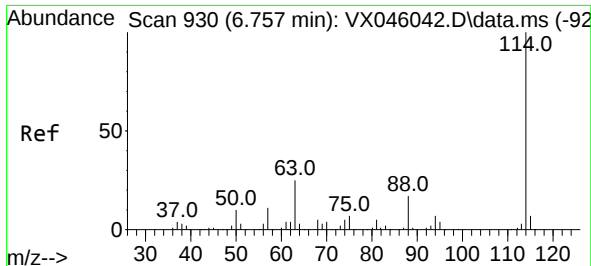
Tgt Ion: 56 Resp: 1850
Ion Ratio Lower Upper
56 100
69 145.2 24.4 36.6#
84 95.0 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 50.965 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Tgt Ion: 65 Resp: 62626
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.0

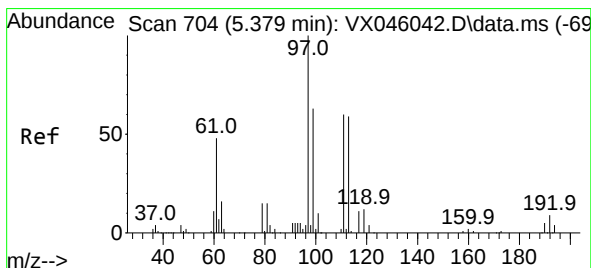
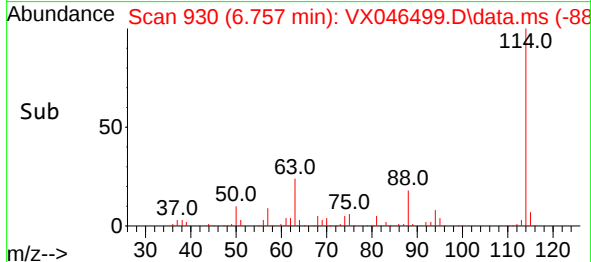
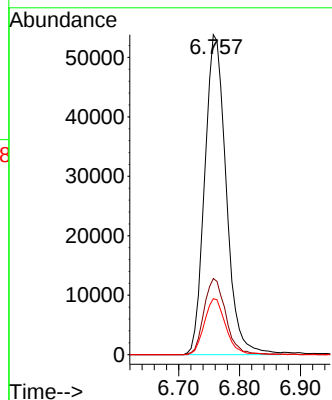
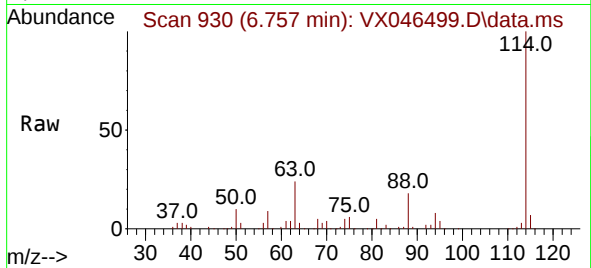




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

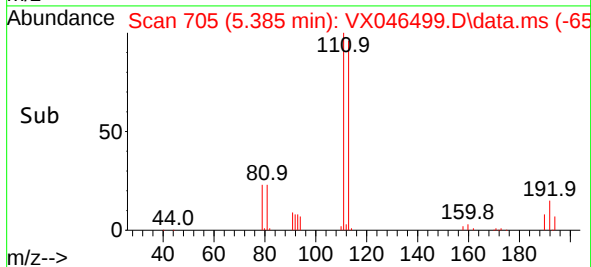
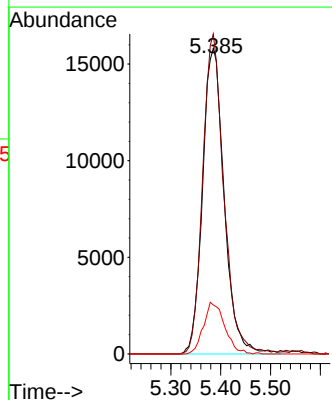
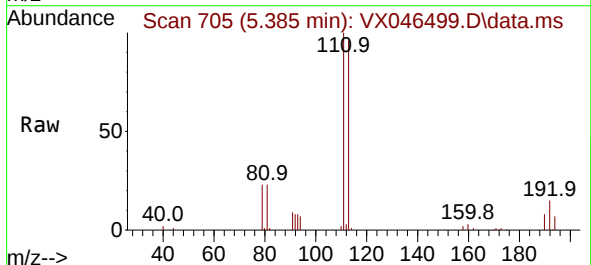
Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-060325

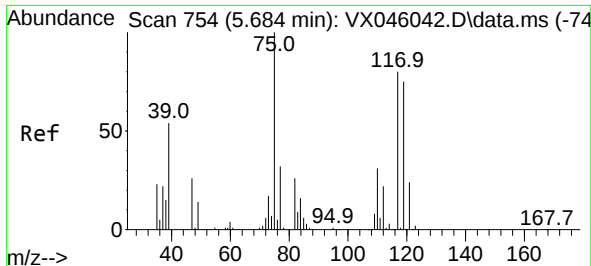
Tgt Ion:114 Resp: 132066
Ion Ratio Lower Upper
114 100
63 23.8 0.0 49.2
88 17.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.215 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Tgt Ion:113 Resp: 47755
Ion Ratio Lower Upper
113 100
111 101.8 83.1 124.7
192 16.5 13.3 19.9

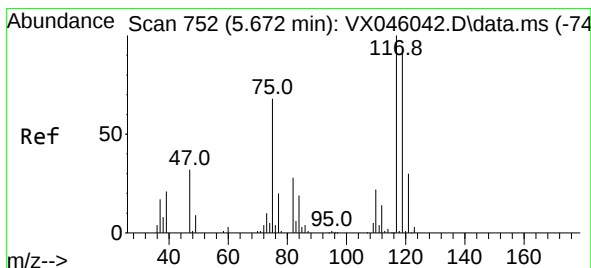
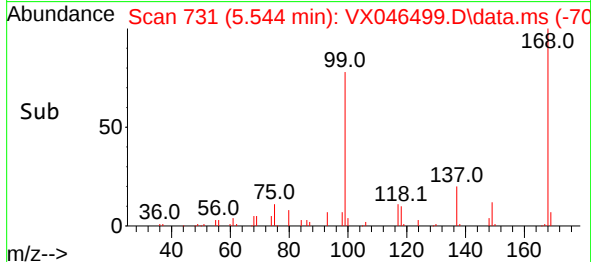
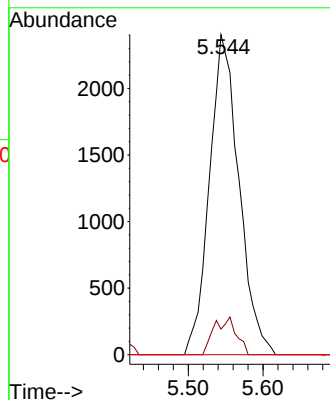
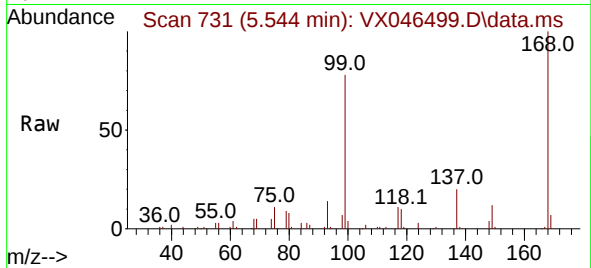




#36
1,1-Dichloropropene
Concen: 5.166 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

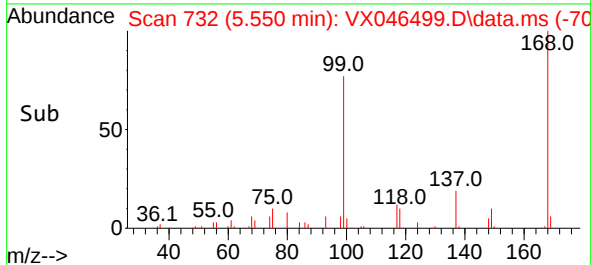
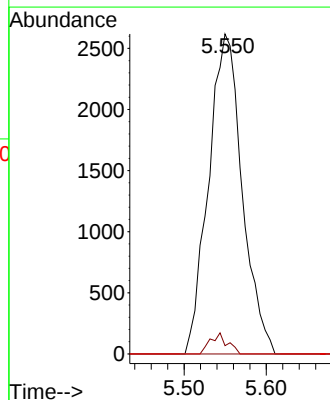
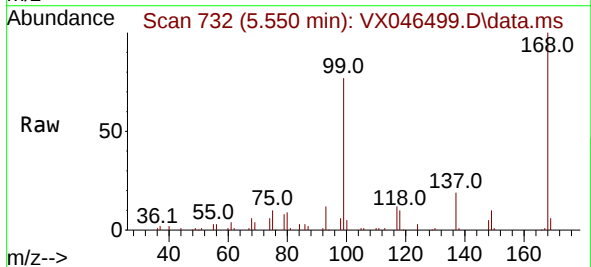
Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-060325

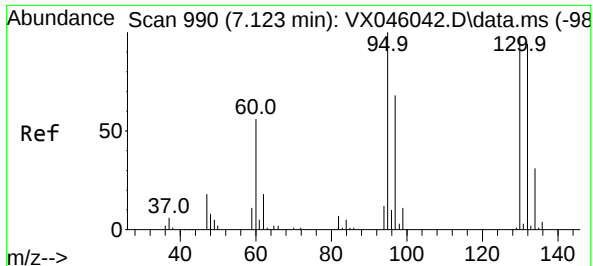
Tgt Ion: 75 Resp: 6601
Ion Ratio Lower Upper
75 100
110 8.9 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.181 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Tgt Ion: 117 Resp: 7439
Ion Ratio Lower Upper
117 100
119 2.6 75.2 112.8#
121 0.0 24.2 36.4#

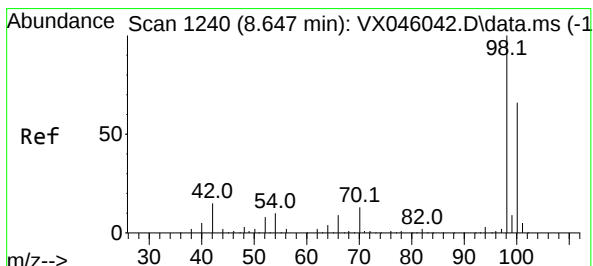
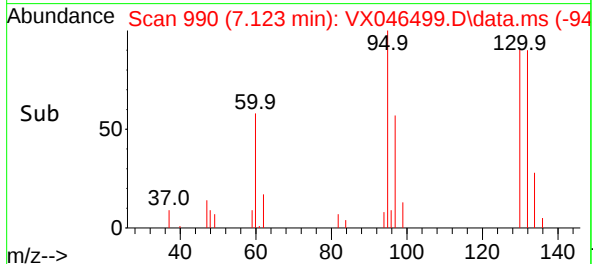
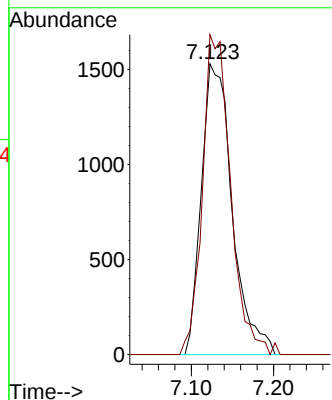
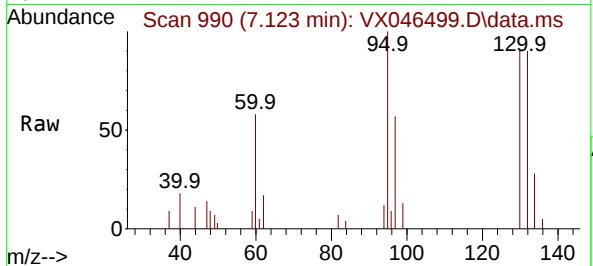




#44
Trichloroethene
Concen: 4.438 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

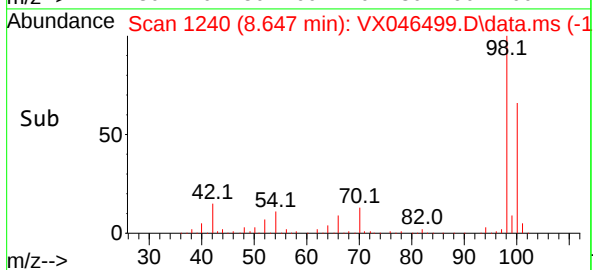
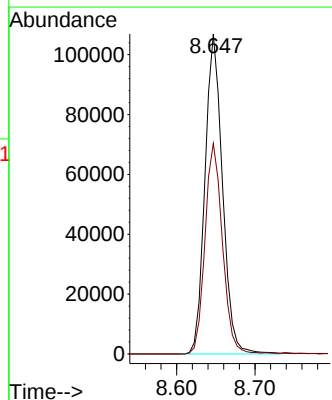
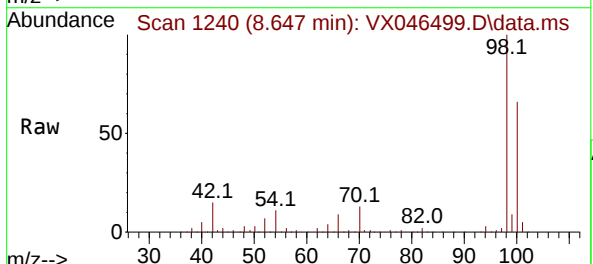
Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-060325

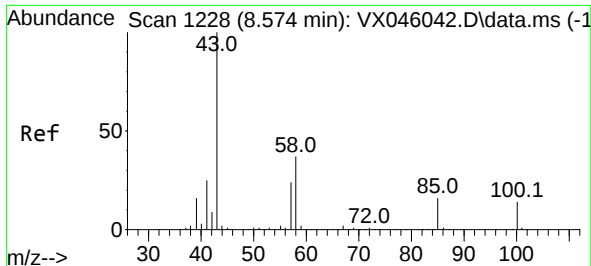
Tgt Ion:130 Resp: 3998
Ion Ratio Lower Upper
130 100
95 110.0 0.0 204.2



#50
Toluene-d8
Concen: 50.374 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Tgt Ion: 98 Resp: 165809
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3

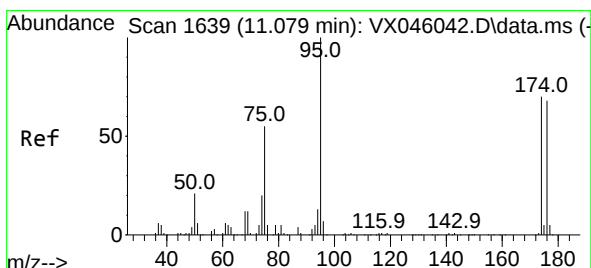
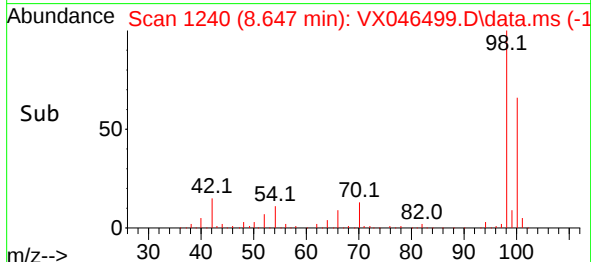
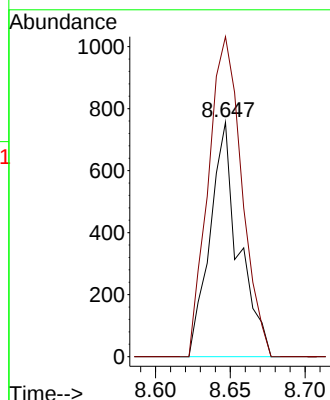
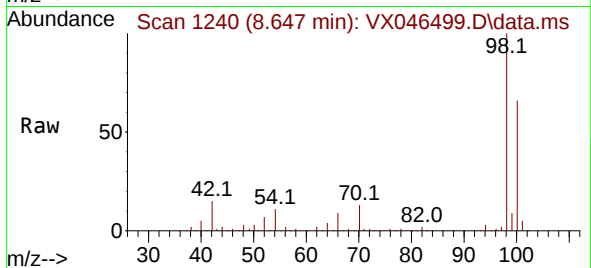




#51
4-Methyl-2-Pentanone
Concen: 0.631 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

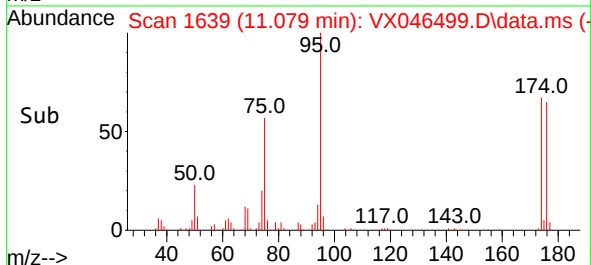
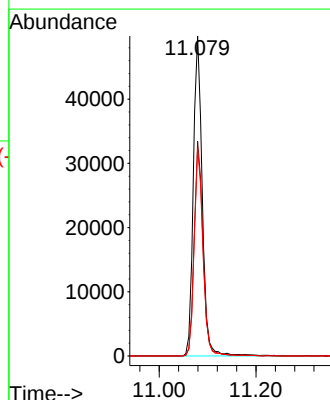
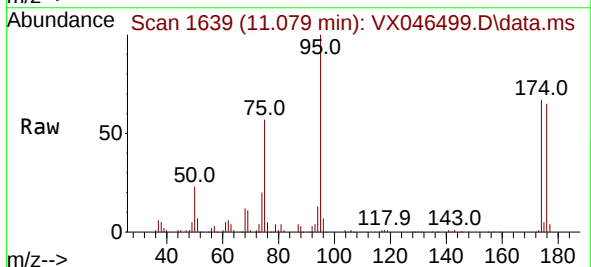
Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-060325

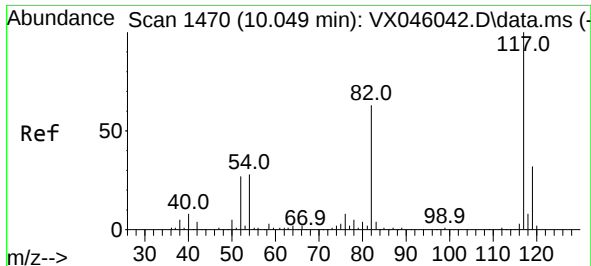
Tgt Ion: 43 Resp: 1008
Ion Ratio Lower Upper
43 100
58 159.8 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 50.610 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Tgt Ion: 95 Resp: 63901
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.8
176 63.6 0.0 131.4

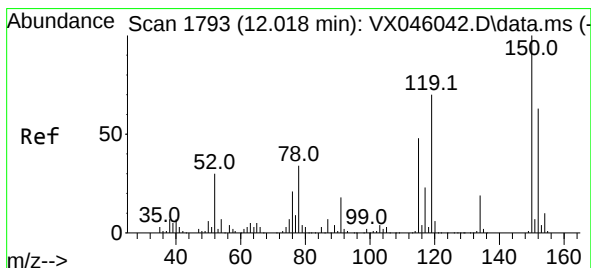
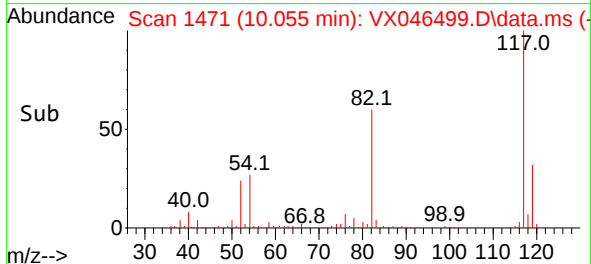
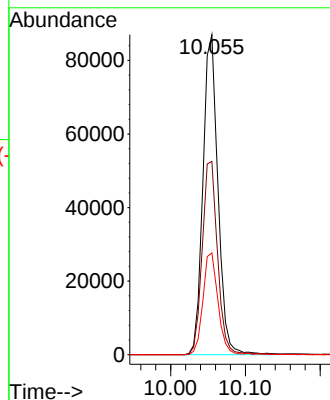
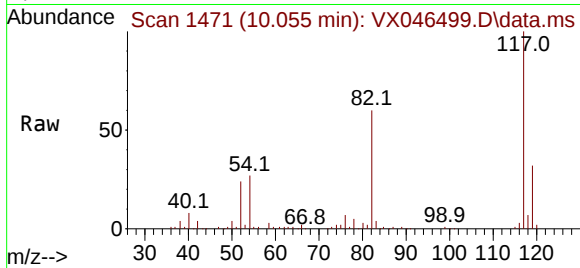




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

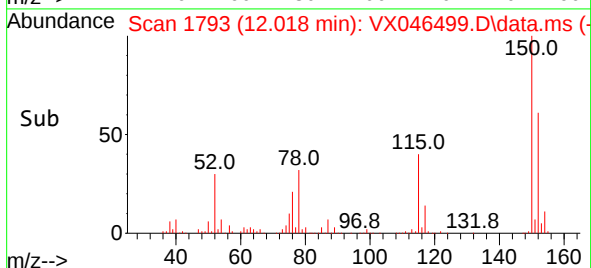
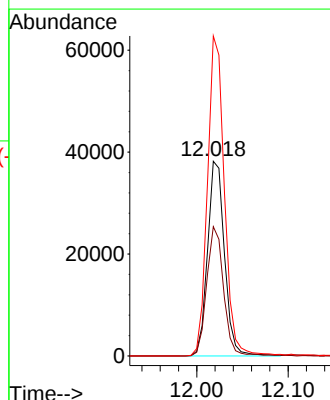
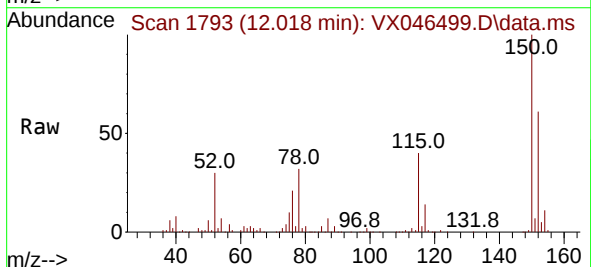
Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-060325

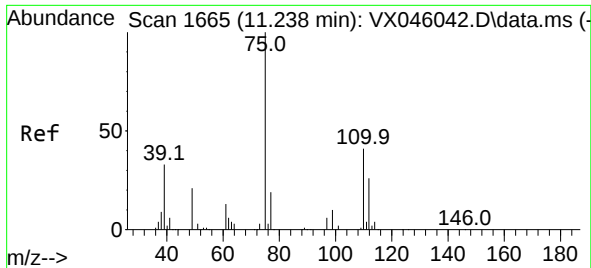
Tgt Ion:117 Resp: 121549
Ion Ratio Lower Upper
117 100
82 60.4 50.6 76.0
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Tgt Ion:152 Resp: 49186
Ion Ratio Lower Upper
152 100
115 66.0 46.9 140.7
150 163.5 0.0 351.0

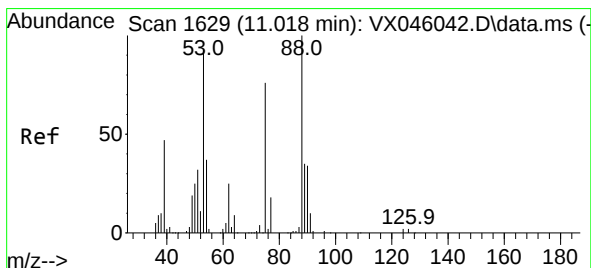
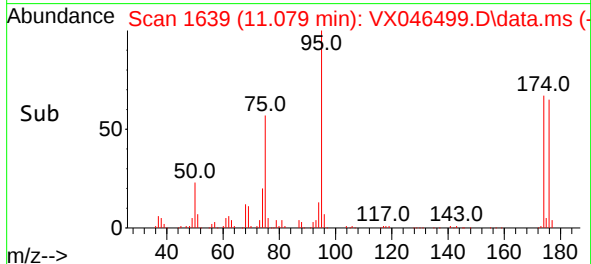
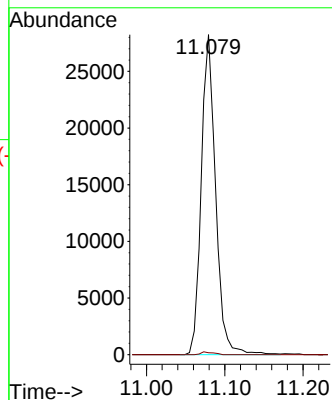
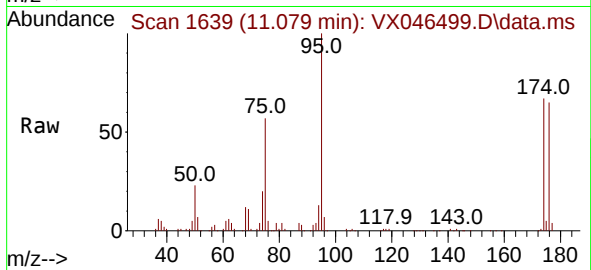




#76
1,2,3-Trichloropropane
Concen: 30.393 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-060325

Tgt Ion: 75 Resp: 35983
Ion Ratio Lower Upper
75 100
77 0.8 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.949 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Tgt Ion: 75 Resp: 35983
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.2 37.0 55.6#

