

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048174.D
 Acq On : 14 Oct 2025 17:57
 Operator : JC/MD
 Sample : Q3325-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 15 02:49:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

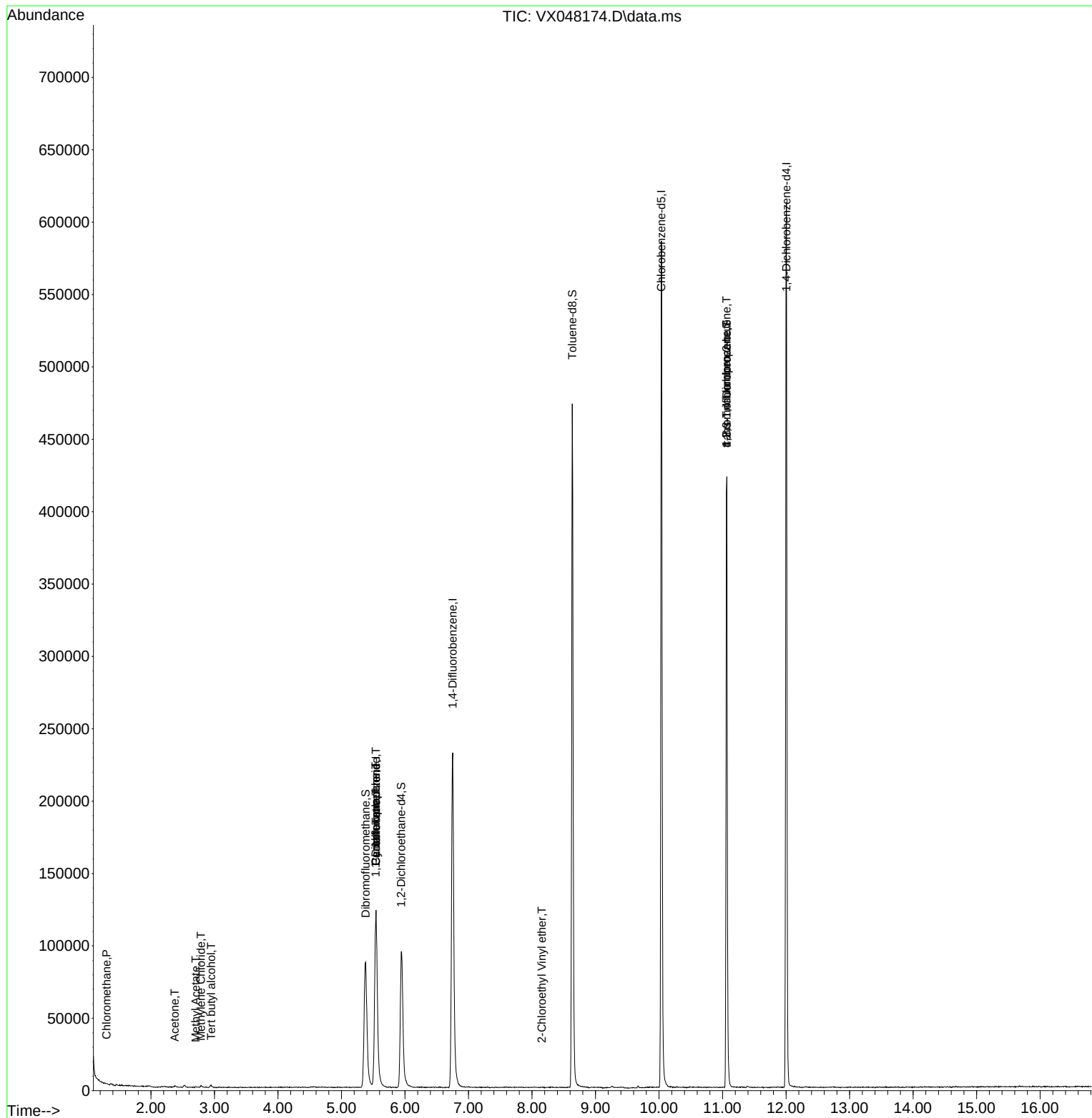
Internal Standards						
1) Pentafluorobenzene	5.544	168	119484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	246280	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	273767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	104185	54.780	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.560%	
35) Dibromofluoromethane	5.379	113	84957	51.436	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.880%	
50) Toluene-d8	8.634	98	283894	49.674	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.340%	
62) 4-Bromofluorobenzene	11.061	95	122581	56.515	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	339	0.208	ug/l	96
11) Tert butyl alcohol	2.946	59	509	2.403	ug/l #	72
16) Acetone	2.373	43	1116	1.350	ug/l	94
18) Methyl Acetate	2.703	43	410	0.223	ug/l #	73
20) Methylene Chloride	2.788	84	520	0.297	ug/l	92
31) Cyclohexane	5.544	56	2862	1.139	ug/l #	1
36) 1,1-Dichloropropene	5.537	75	10414	4.315	ug/l #	47
38) Carbon Tetrachloride	5.544	117	13090	4.992	ug/l #	17
58) 2-Chloroethyl Vinyl ether	8.153	63	252	8.086	ug/l #	47
76) 1,2,3-Trichloropropane	11.061	75	64149	24.305	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	64149	61.982	ug/l #	8

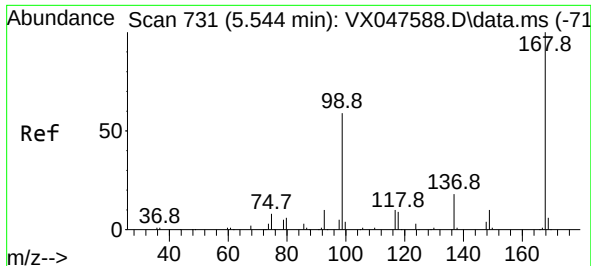
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
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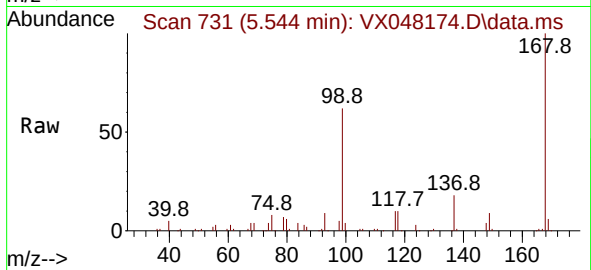
Quant Time: Oct 15 02:49:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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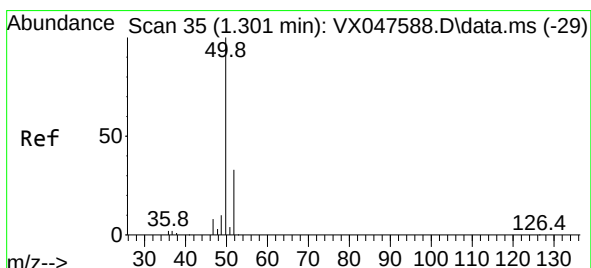
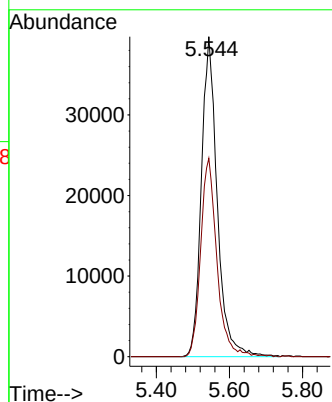
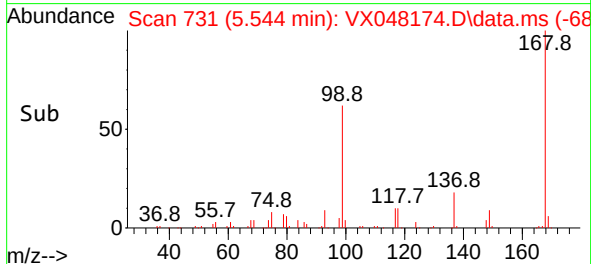


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048174.D
Acq: 14 Oct 2025 17:57

Instrument :
MSVOA_X
ClientSampleId :

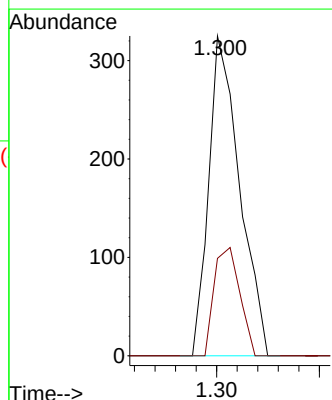
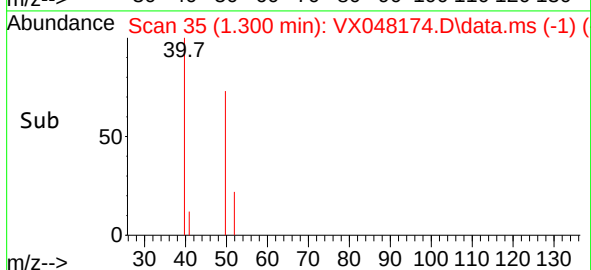
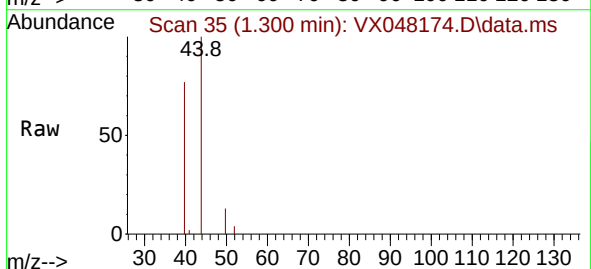


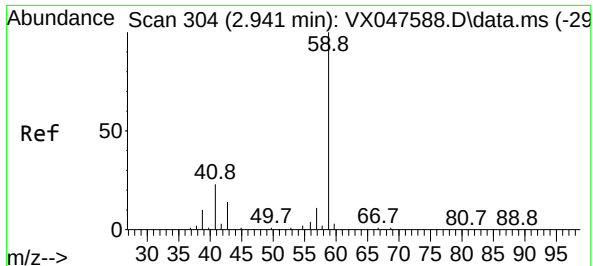
Tgt Ion:168 Resp: 119484
Ion Ratio Lower Upper
168 100
99 62.0 48.8 73.2



#3
Chloromethane
Concen: 0.208 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048174.D
Acq: 14 Oct 2025 17:57

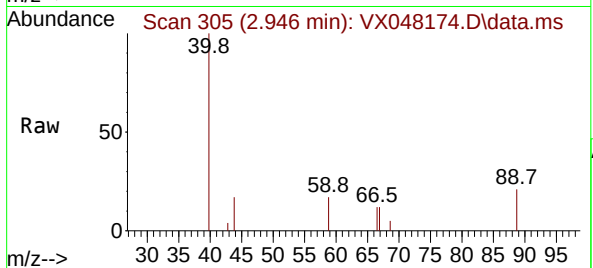
Tgt Ion: 50 Resp: 339
Ion Ratio Lower Upper
50 100
52 30.5 26.1 39.1



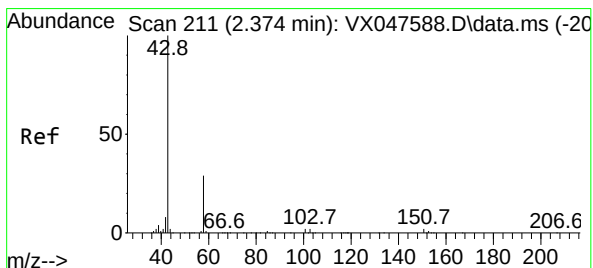
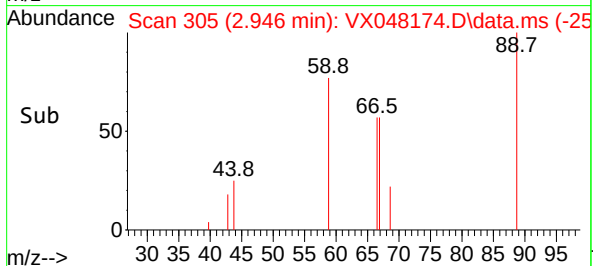
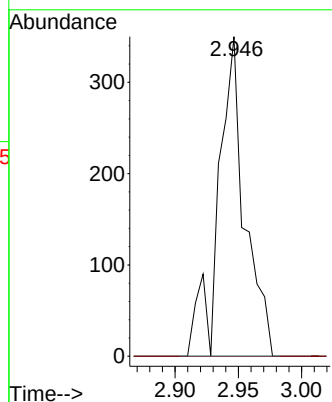


#11
Tert butyl alcohol
Concen: 2.403 ug/l
RT: 2.946 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX048174.D
Acq: 14 Oct 2025 17:57

Instrument :
MSVOA_X
ClientSampleId :

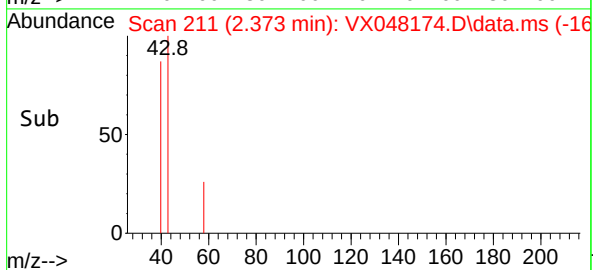
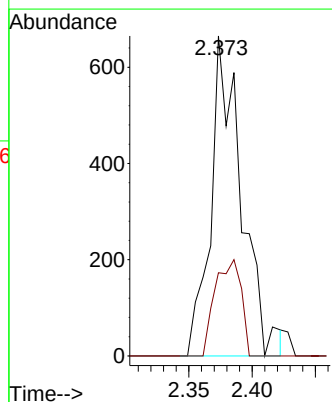
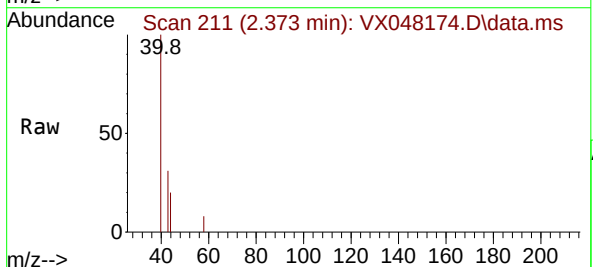


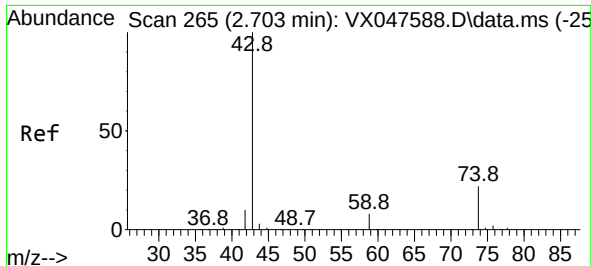
Tgt Ion: 59 Resp: 509
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 1.350 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048174.D
Acq: 14 Oct 2025 17:57

Tgt Ion: 43 Resp: 1116
Ion Ratio Lower Upper
43 100
58 26.0 23.4 35.0

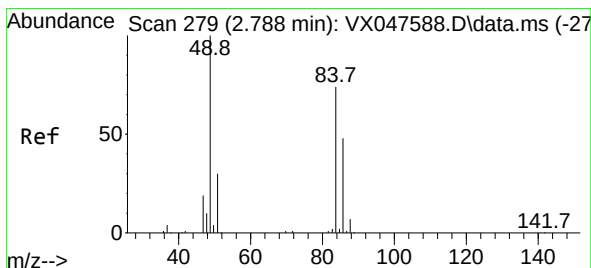
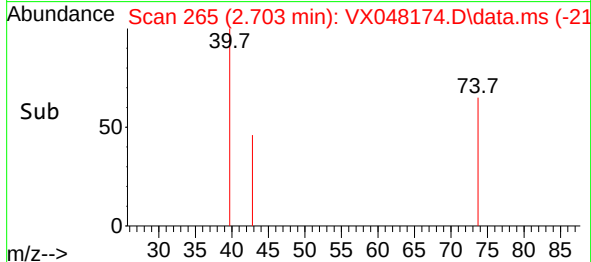
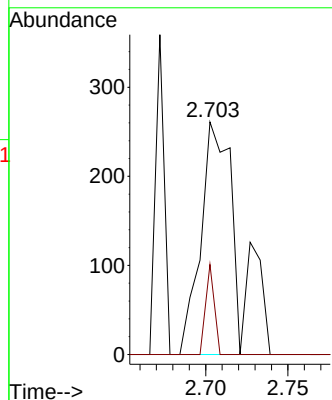
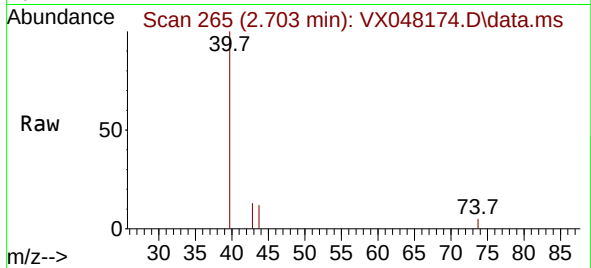




#18
Methyl Acetate
Concen: 0.223 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX048174.D
Acq: 14 Oct 2025 17:57

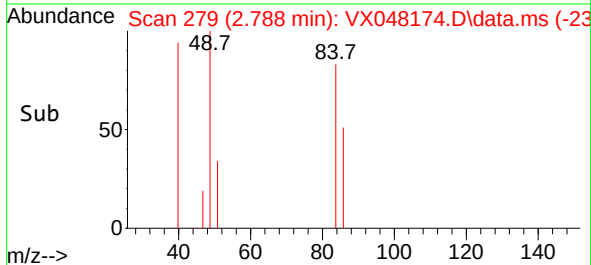
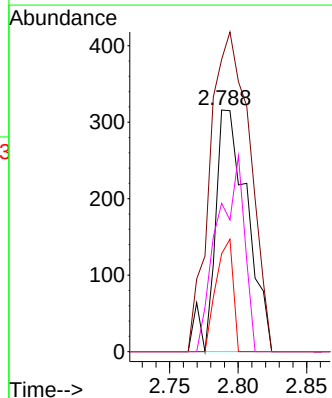
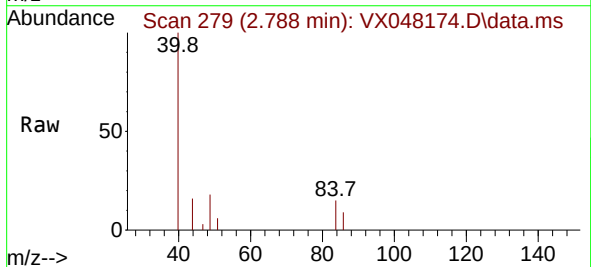
Instrument :
MSVOA_X
ClientSampleId :

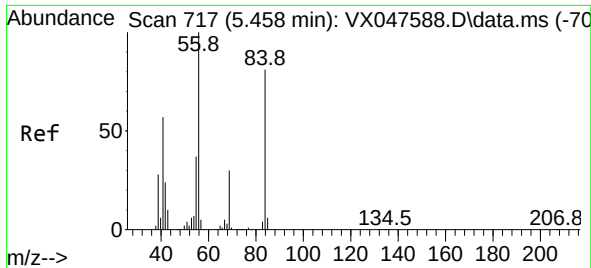
Tgt Ion: 43 Resp: 410
Ion Ratio Lower Upper
43 100
74 9.0 17.4 26.2#



#20
Methylene Chloride
Concen: 0.297 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048174.D
Acq: 14 Oct 2025 17:57

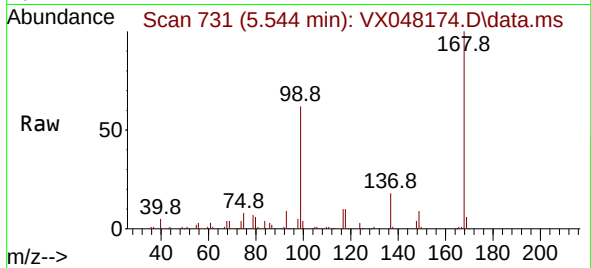
Tgt Ion: 84 Resp: 520
Ion Ratio Lower Upper
84 100
49 120.9 108.6 162.8
51 40.5 32.6 48.8
86 61.4 52.0 78.0



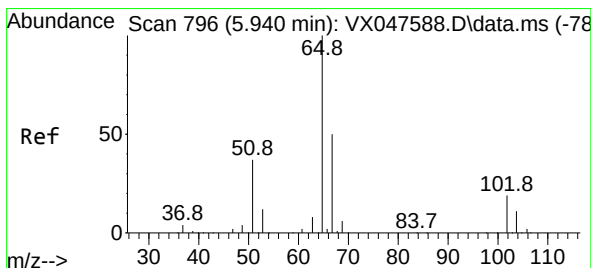
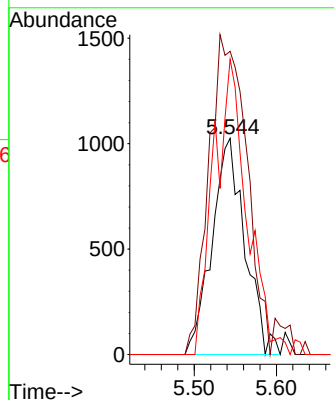
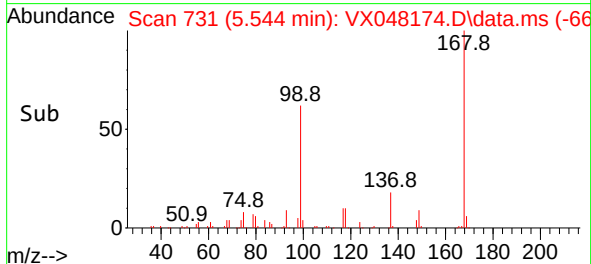


#31
Cyclohexane
Concen: 1.139 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX048174.D
Acq: 14 Oct 2025 17:57

Instrument :
MSVOA_X
ClientSampleId :

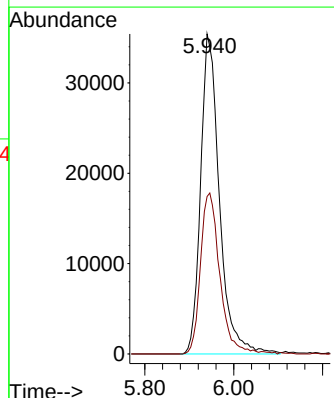
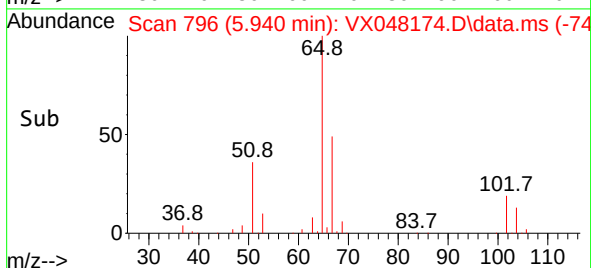
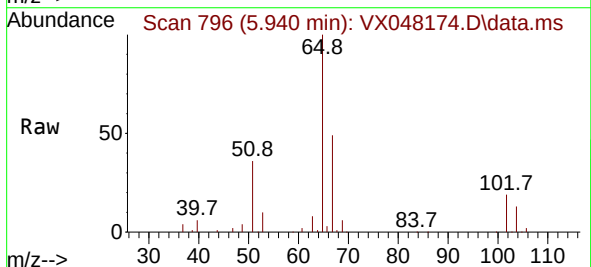


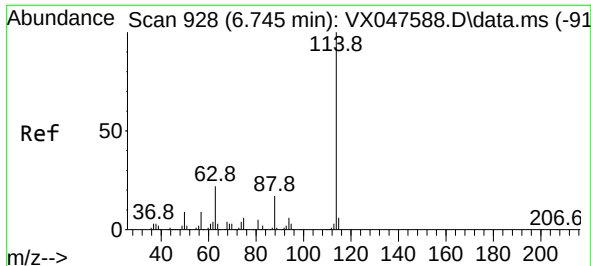
Tgt Ion: 56 Resp: 2862
Ion Ratio Lower Upper
56 100
69 140.3 23.8 35.8#
84 136.6 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 54.780 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048174.D
Acq: 14 Oct 2025 17:57

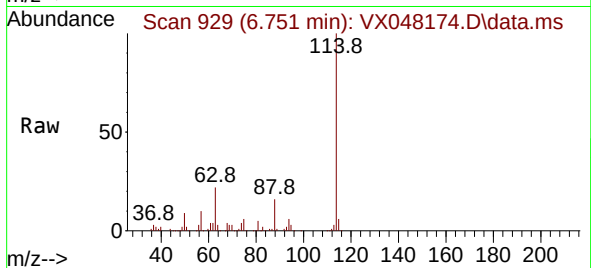
Tgt Ion: 65 Resp: 104185
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0



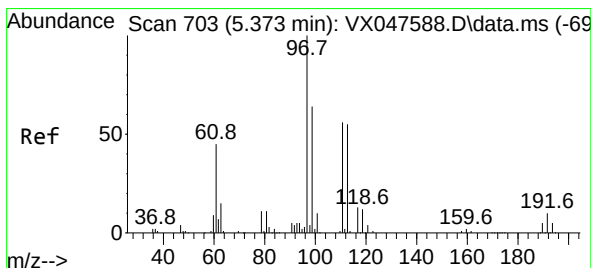
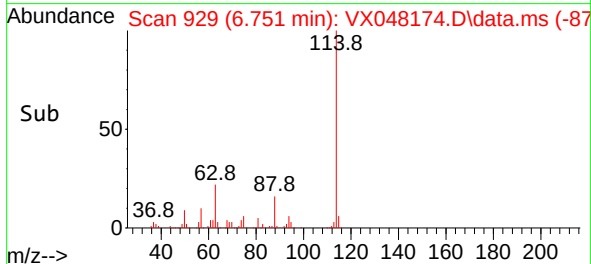
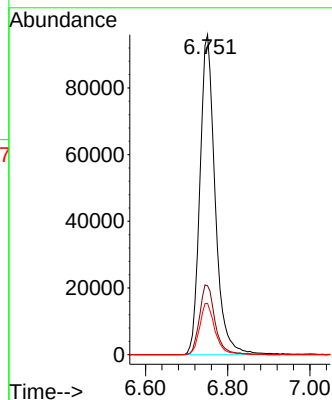


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048174.D
Acq: 14 Oct 2025 17:57

Instrument :
MSVOA_X
ClientSampleId :

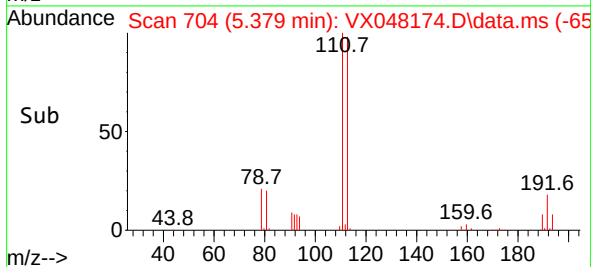
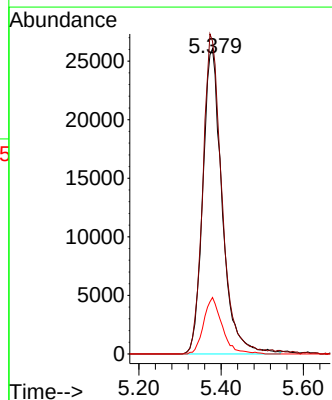
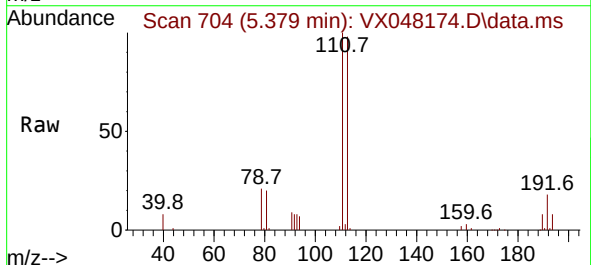


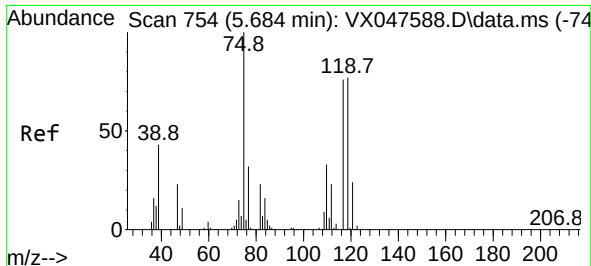
Tgt Ion:114 Resp: 246280
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 16.0 0.0 34.2



#35
Dibromofluoromethane
Concen: 51.436 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048174.D
Acq: 14 Oct 2025 17:57

Tgt Ion:113 Resp: 84957
Ion Ratio Lower Upper
113 100
111 103.3 80.9 121.3
192 17.8 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.315 ug/l

RT: 5.537 min Scan# 71

Delta R.T. -0.147 min

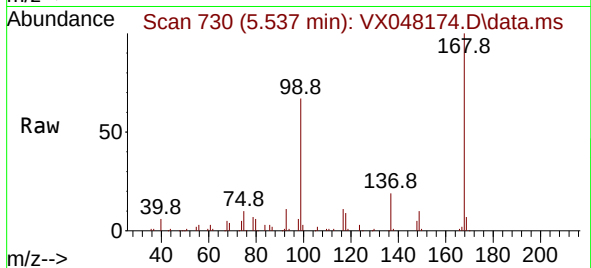
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Acq: 14 Oct 2025 17:57

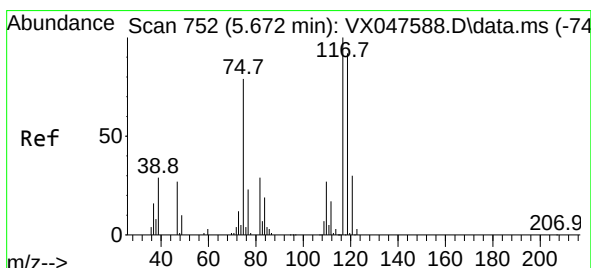
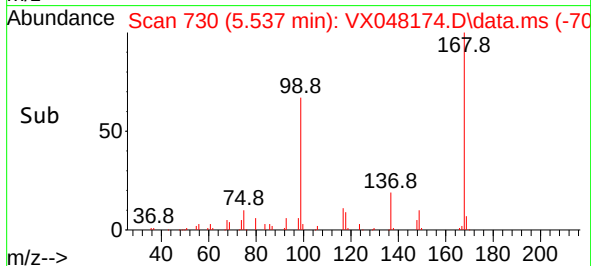
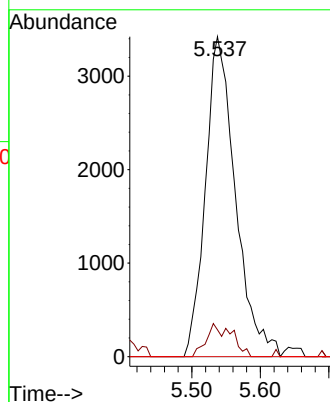
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	75	Resp:	10414
Ion	Ratio	Lower	Upper
75	100		
110	5.0	16.7	50.1#
77	0.0	24.3	36.5#



#38

Carbon Tetrachloride

Concen: 4.992 ug/l

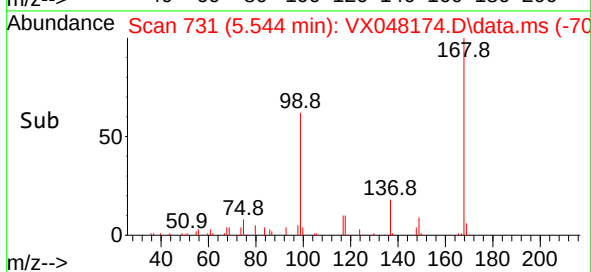
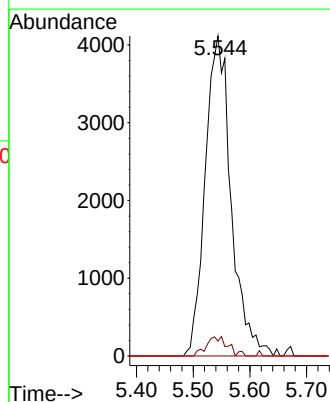
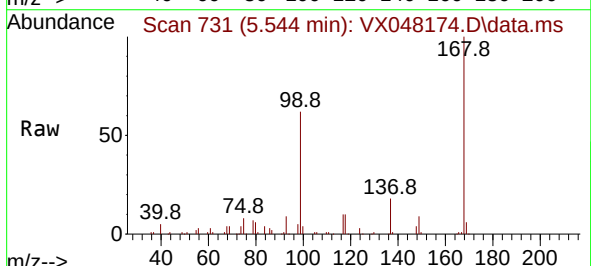
RT: 5.544 min Scan# 731

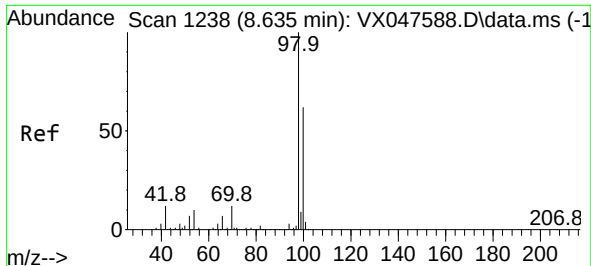
Delta R.T. -0.128 min

Lab File: VX048174.D

Acq: 14 Oct 2025 17:57

Tgt Ion:	117	Resp:	13090
Ion	Ratio	Lower	Upper
117	100		
119	4.7	73.4	110.2#
121	0.0	23.8	35.6#

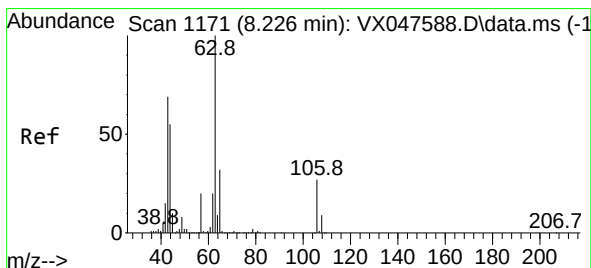
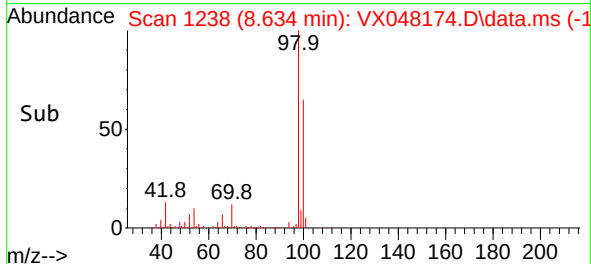
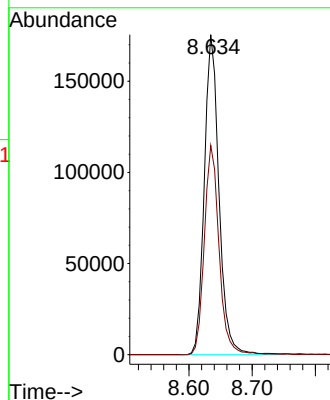
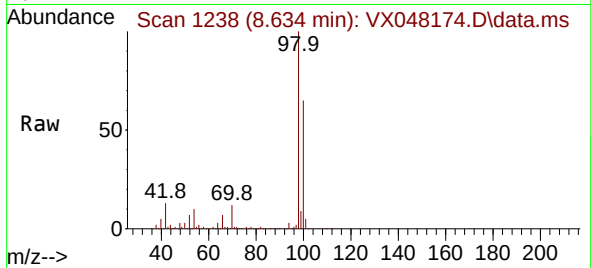




#50
Toluene-d8
Concen: 49.674 ug/l
RT: 8.634 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VX048174.D
Acq: 14 Oct 2025 17:57

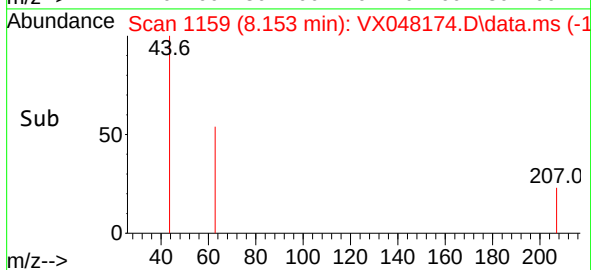
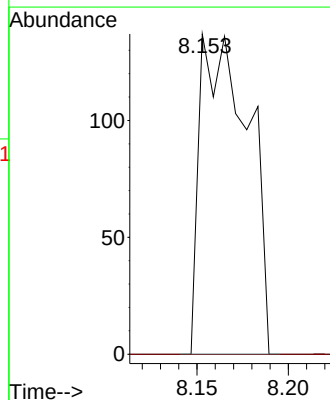
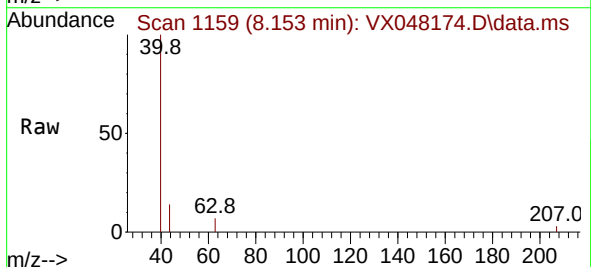
Instrument :
MSVOA_X
ClientSampleId :

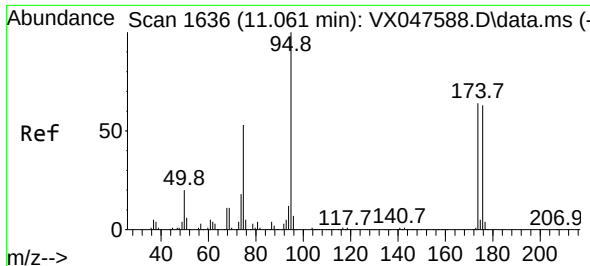
Tgt Ion: 98 Resp: 283894
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4



#58
2-Chloroethyl Vinyl ether
Concen: 8.086 ug/l
RT: 8.153 min Scan# 1159
Delta R.T. -0.073 min
Lab File: VX048174.D
Acq: 14 Oct 2025 17:57

Tgt Ion: 63 Resp: 252
Ion Ratio Lower Upper
63 100
106 0.0 21.9 32.9#

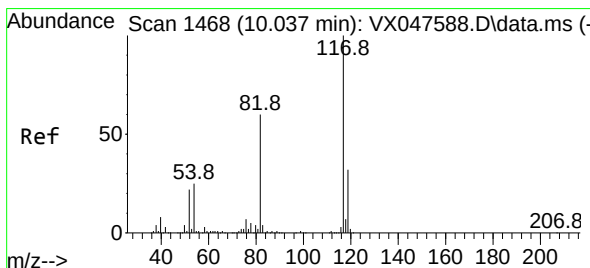
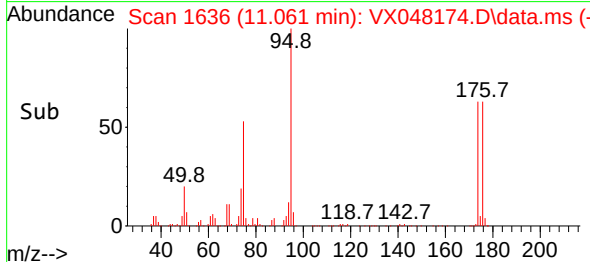
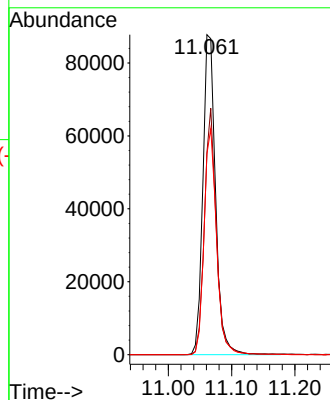
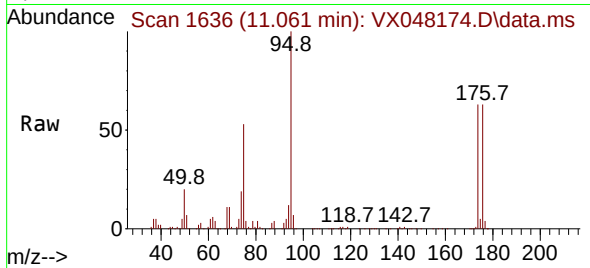




#62
4-Bromofluorobenzene
Concen: 56.515 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048174.D
Acq: 14 Oct 2025 17:57

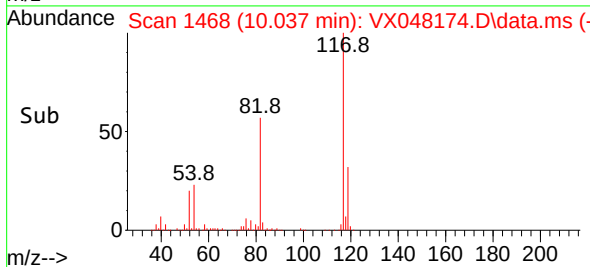
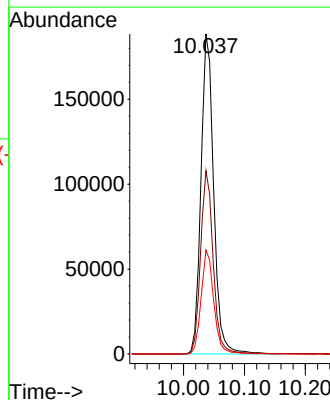
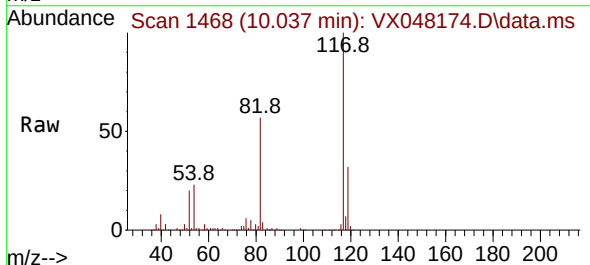
Instrument :
MSVOA_X
ClientSampleId :

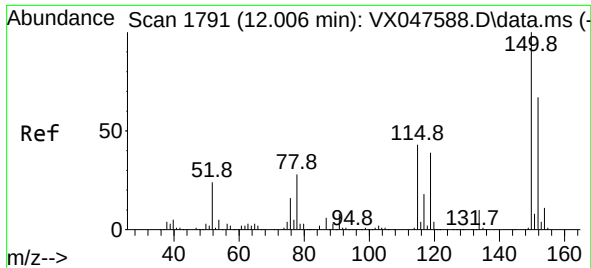
Tgt Ion: 95 Resp: 122581
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.6
176 69.4 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048174.D
Acq: 14 Oct 2025 17:57

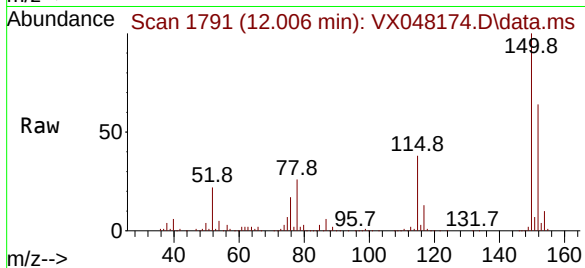
Tgt Ion: 117 Resp: 273767
Ion Ratio Lower Upper
117 100
82 57.3 47.8 71.6
119 32.4 25.2 37.8



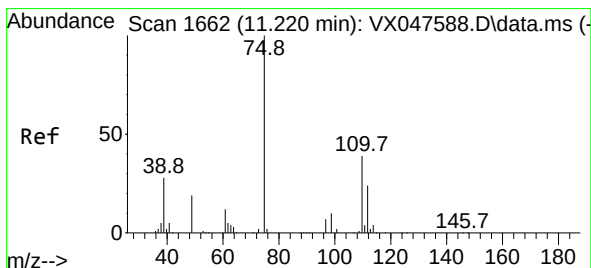
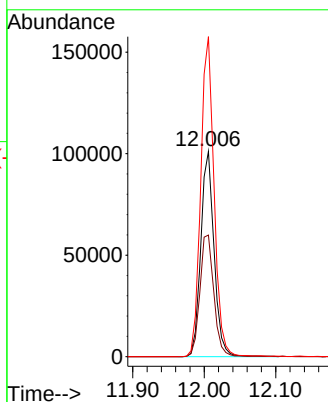
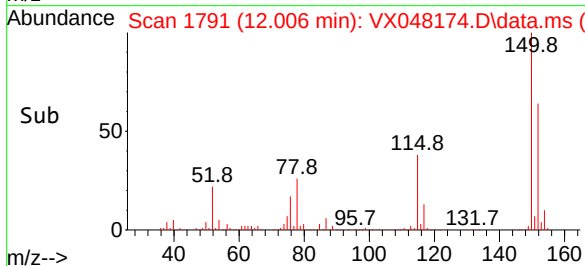


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX048174.D
 Acq: 14 Oct 2025 17:57

Instrument :
 MSVOA_X
 ClientSampleId :

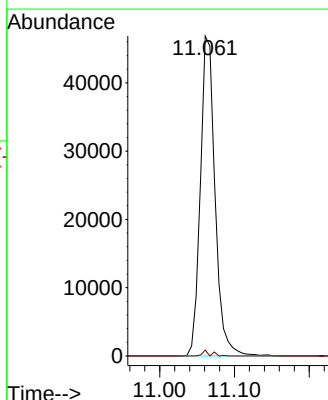
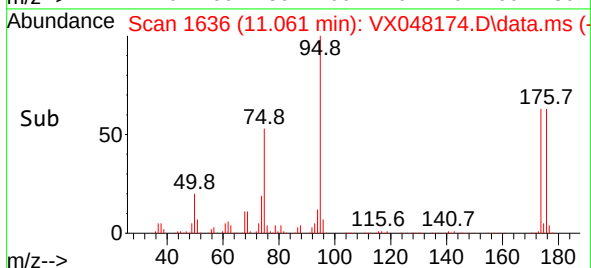
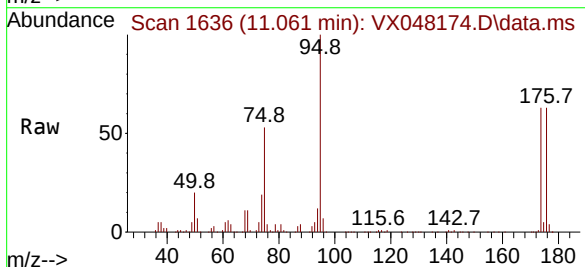


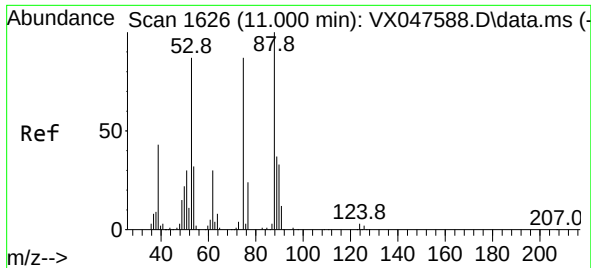
Tgt Ion:152 Resp: 130356
 Ion Ratio Lower Upper
 152 100
 115 62.2 44.9 134.5
 150 157.0 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 24.305 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX048174.D
 Acq: 14 Oct 2025 17:57

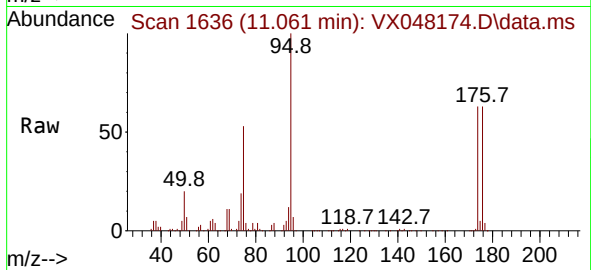
Tgt Ion: 75 Resp: 64149
 Ion Ratio Lower Upper
 75 100
 77 1.0 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.982 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX048174.D
 Acq: 14 Oct 2025 17:57

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 64149
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

