

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070725\
 Data File : VV038866.D
 Acq On : 07 Jul 2025 12:28
 Operator : SY/MD
 Sample : VV0707WBL02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0707WBL02

Quant Time: Jul 08 02:38:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 08 02:37:09 2025
 Response via : Initial Calibration

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

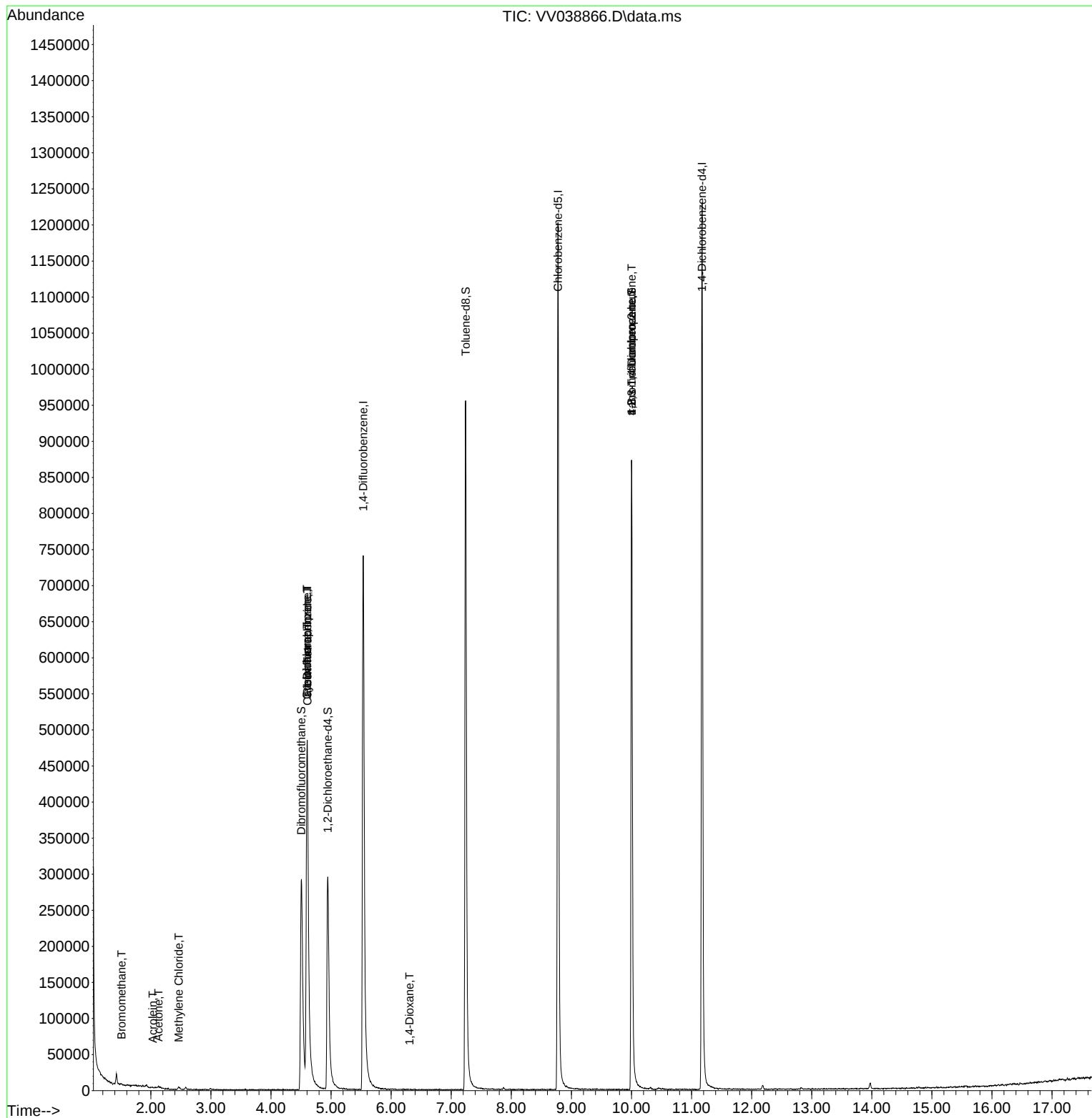
Internal Standards						
1) Pentafluorobenzene	4.603	168	426999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	738137	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	687689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	341949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	279653	58.437	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 116.880%	
35) Dibromofluoromethane	4.506	113	243737	52.131	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 104.260%	
50) Toluene-d8	7.239	98	701922	46.401	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 92.800%	
62) 4-Bromofluorobenzene	10.001	95	298109	48.777	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 97.560%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.513	94	791	0.280	ug/l #	33
13) Acrolein	2.031	56	291	1.866	ug/l #	58
16) Acetone	2.127	43	810	0.508	ug/l #	71
20) Methylene Chloride	2.465	84	2161	0.410	ug/l #	79
31) Cyclohexane	4.600	56	7830	1.210	ug/l #	1
36) 1,1-Dichloropropene	4.600	75	33726	5.944	ug/l #	51
38) Carbon Tetrachloride	4.606	117	44882	6.010	ug/l #	16
49) 1,4-Dioxane	6.304	88	43	0.706	ug/l #	1
76) 1,2,3-Trichloropropane	10.001	75	147570	27.892	ug/l #	55
81) trans-1,4-Dichloro-2-b...	10.001	75	147570	59.372	ug/l #	12

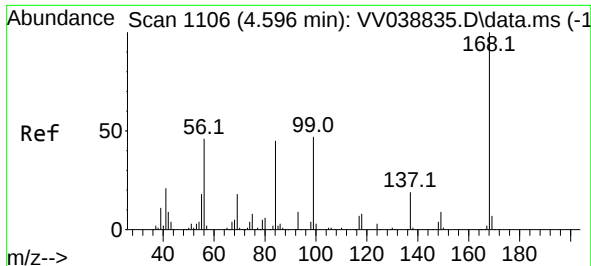
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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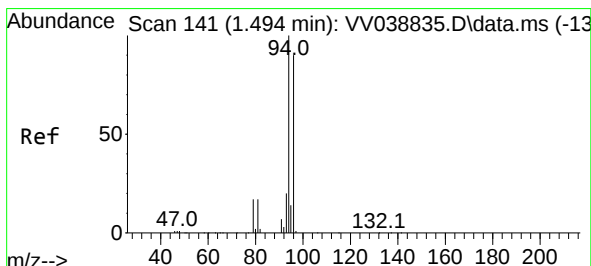
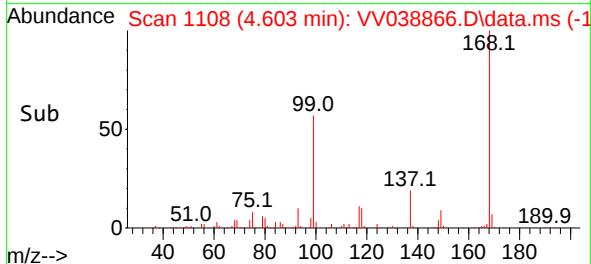
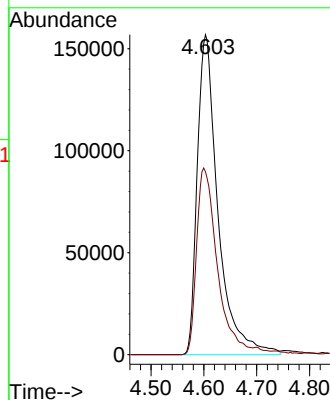
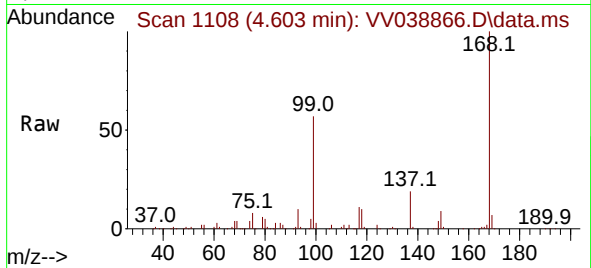




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1106
Delta R.T. 0.007 min
Lab File: VV038866.D
Acq: 07 Jul 2025 12:28

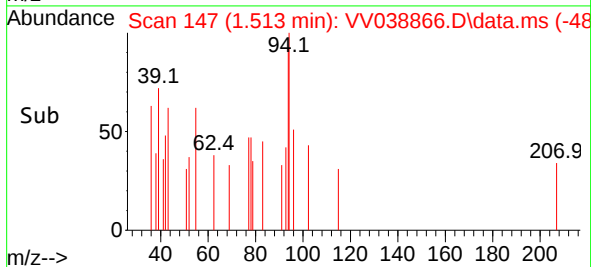
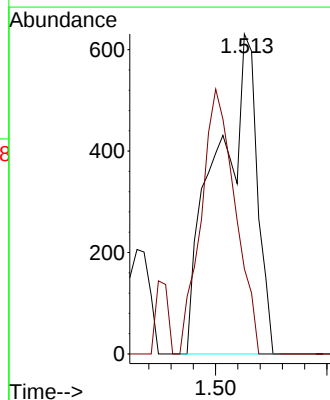
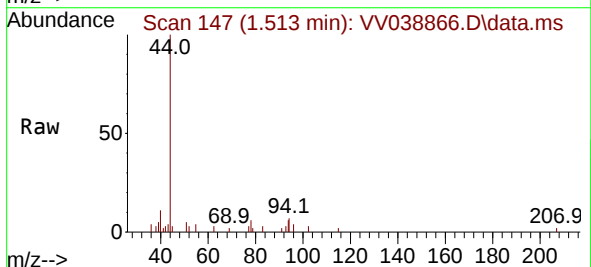
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBL02

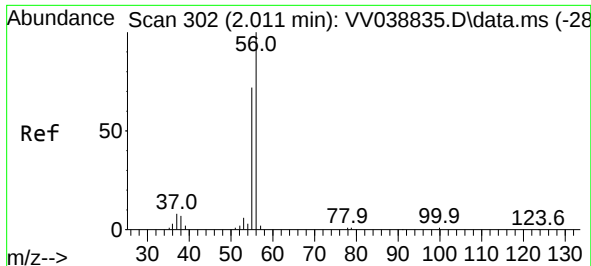
Tgt Ion:168 Resp: 426999
Ion Ratio Lower Upper
168 100
99 57.2 48.6 73.0



#5
Bromomethane
Concen: 0.280 ug/l
RT: 1.513 min Scan# 147
Delta R.T. 0.019 min
Lab File: VV038866.D
Acq: 07 Jul 2025 12:28

Tgt Ion: 94 Resp: 791
Ion Ratio Lower Upper
94 100
96 26.6 72.2 108.4#





#13

Acrolein

Concen: 1.866 ug/l

RT: 2.031 min Scan# 308

Delta R.T. 0.019 min

Lab File: VV038866.D

Acq: 07 Jul 2025 12:28

Instrument :

MSVOA_V

ClientSampleId :

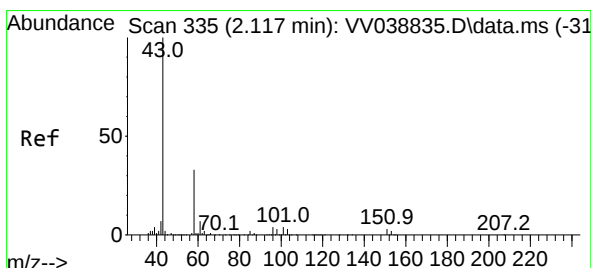
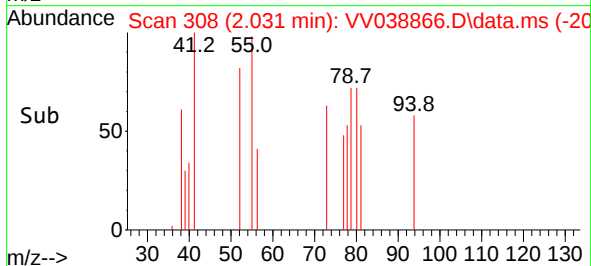
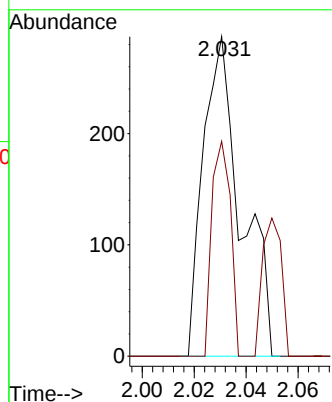
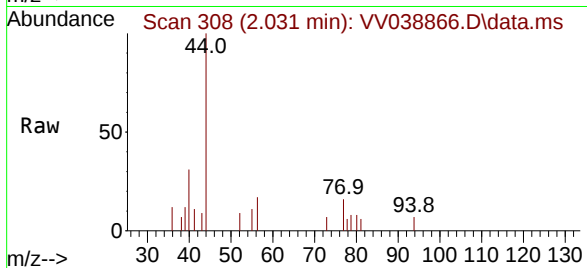
VV0707WBL02

Tgt Ion: 56 Resp: 291

Ion Ratio Lower Upper

56 100

55 33.0 53.4 80.2#



#16

Acetone

Concen: 0.508 ug/l

RT: 2.127 min Scan# 338

Delta R.T. 0.010 min

Lab File: VV038866.D

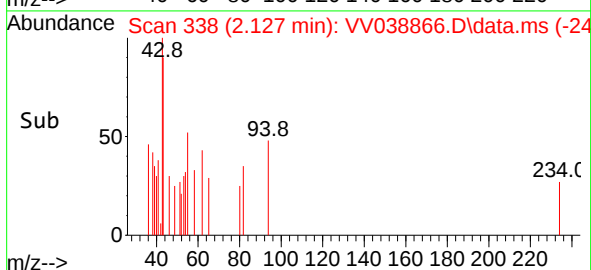
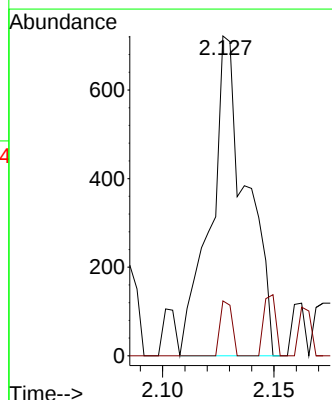
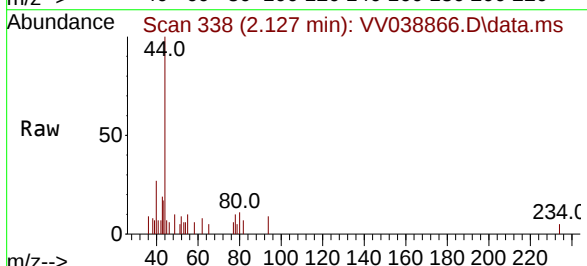
Acq: 07 Jul 2025 12:28

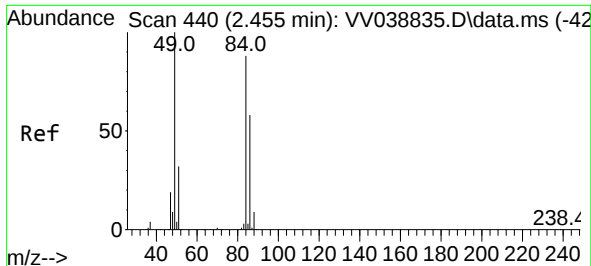
Tgt Ion: 43 Resp: 810

Ion Ratio Lower Upper

43 100

58 17.2 27.0 40.4#

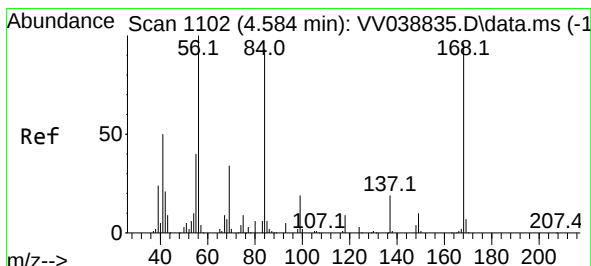
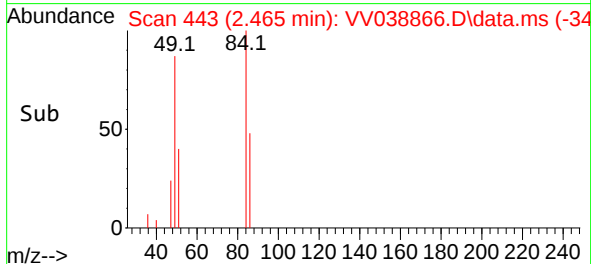
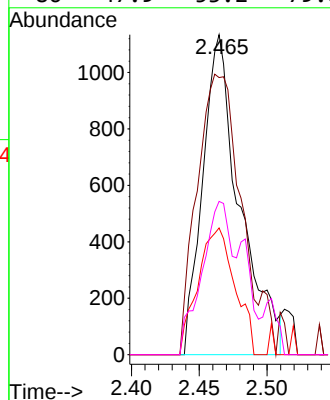
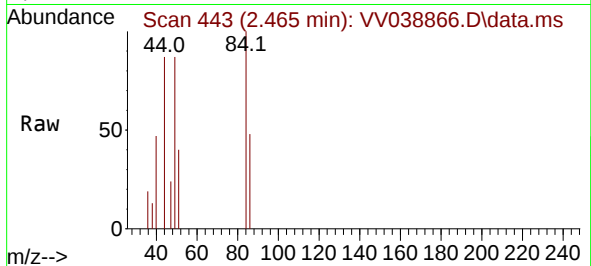




#20
Methylene Chloride
Concen: 0.410 ug/l
RT: 2.465 min Scan# 440
Delta R.T. 0.010 min
Lab File: VV038866.D
Acq: 07 Jul 2025 12:28

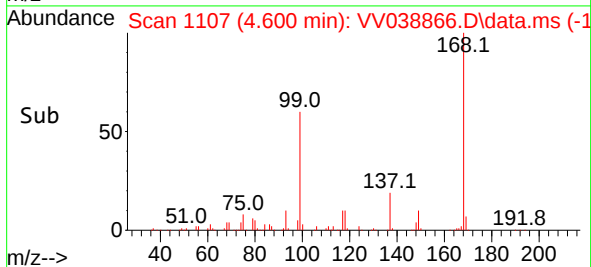
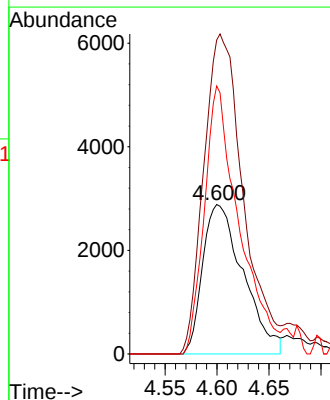
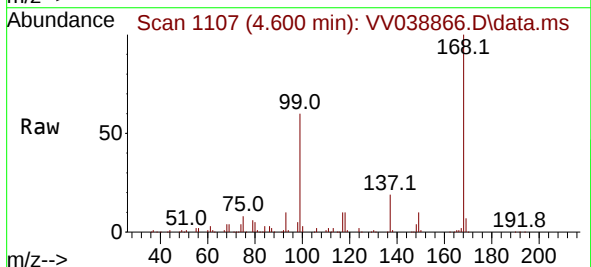
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBL02

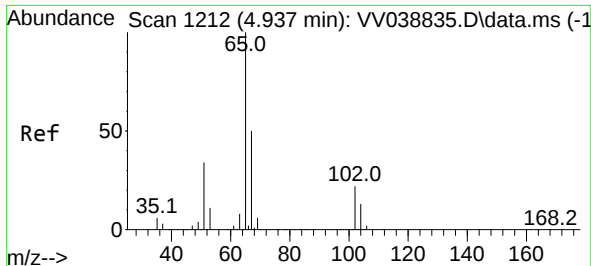
Tgt Ion:	84	Resp:	2161
Ion	Ratio	Lower	Upper
84	100		
49	86.6	91.0	136.4#
51	39.6	29.4	44.2
86	47.9	53.2	79.8#



#31
Cyclohexane
Concen: 1.210 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. 0.016 min
Lab File: VV038866.D
Acq: 07 Jul 2025 12:28

Tgt Ion:	56	Resp:	7830
Ion	Ratio	Lower	Upper
56	100		
69	210.2	27.0	40.4#
84	179.4	74.4	111.6#





#33

1,2-Dichloroethane-d4

Concen: 58.437 ug/l

RT: 4.944 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV038866.D

Acq: 07 Jul 2025 12:28

Instrument :

MSVOA_V

ClientSampleId :

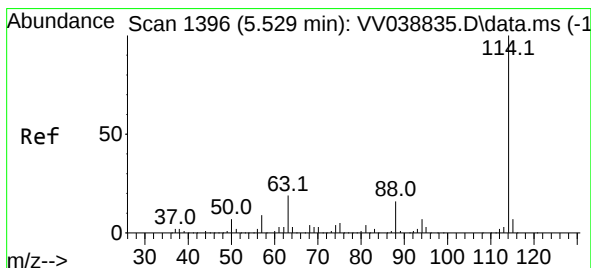
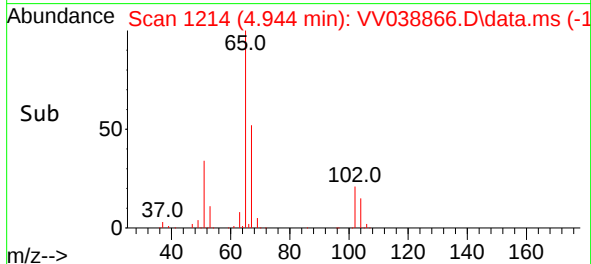
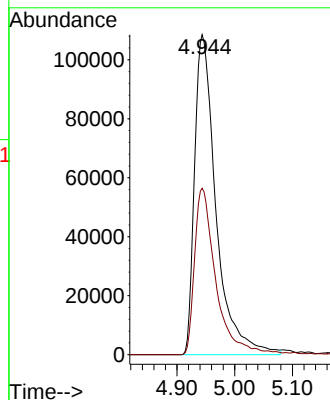
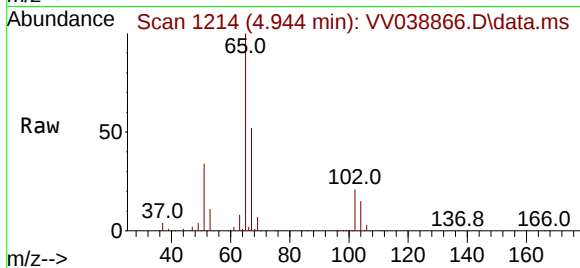
VV0707WBL02

Tgt Ion: 65 Resp: 279653

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VV038866.D

Acq: 07 Jul 2025 12:28

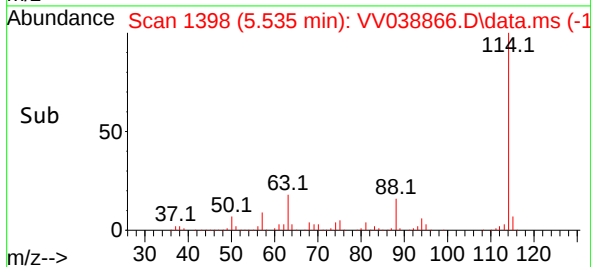
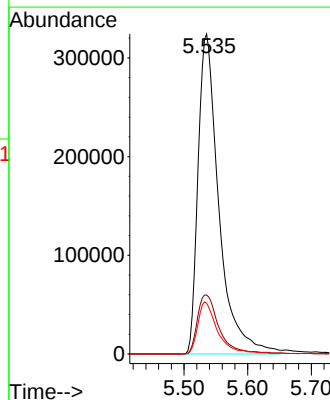
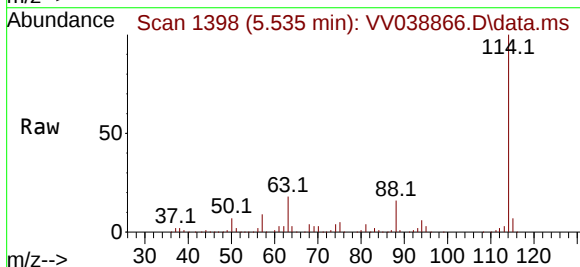
Tgt Ion: 114 Resp: 738137

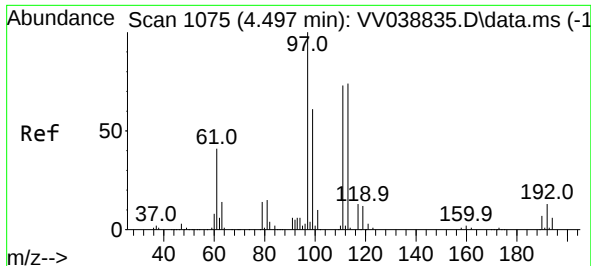
Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.4

88 15.8 0.0 31.2

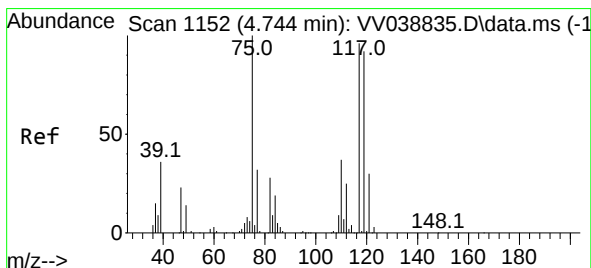
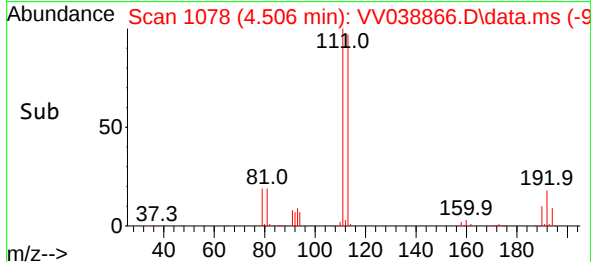
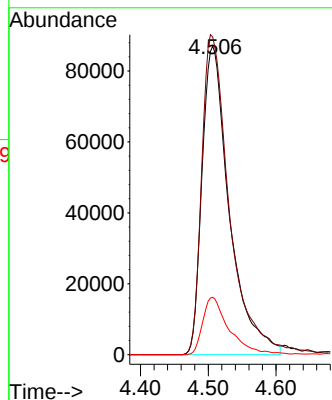
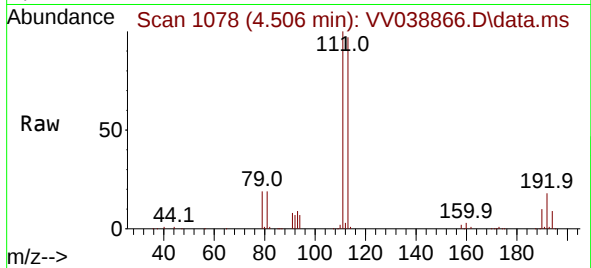




#35
Dibromofluoromethane
Concen: 52.131 ug/l
RT: 4.506 min Scan# 1107
Delta R.T. 0.010 min
Lab File: VV038866.D
Acq: 07 Jul 2025 12:28

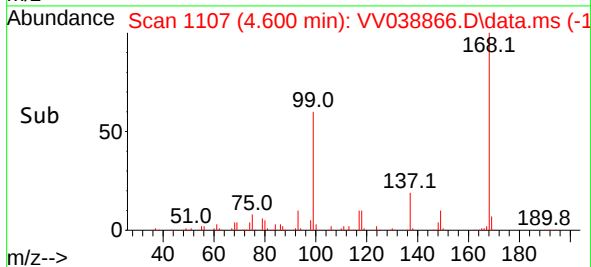
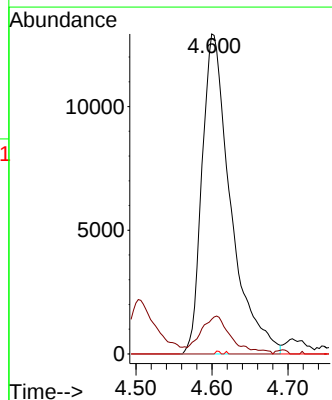
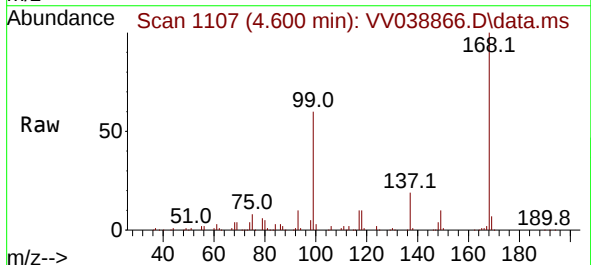
Instrument :
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ClientSampleId :
VV0707WBL02

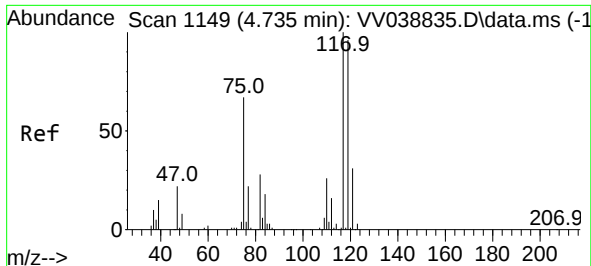
Tgt Ion:113 Resp: 243737
Ion Ratio Lower Upper
113 100
111 105.7 81.5 122.3
192 17.5 14.7 22.1



#36
1,1-Dichloropropene
Concen: 5.944 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.145 min
Lab File: VV038866.D
Acq: 07 Jul 2025 12:28

Tgt Ion: 75 Resp: 33726
Ion Ratio Lower Upper
75 100
110 12.7 19.3 57.9#
77 0.1 25.1 37.7#

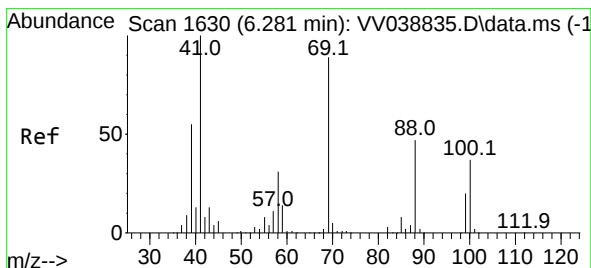
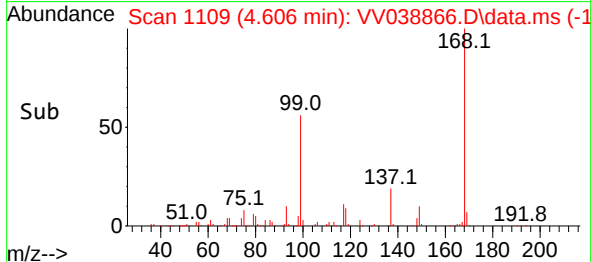
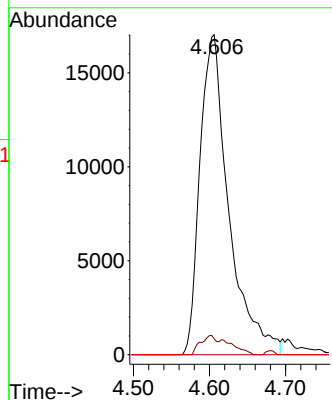
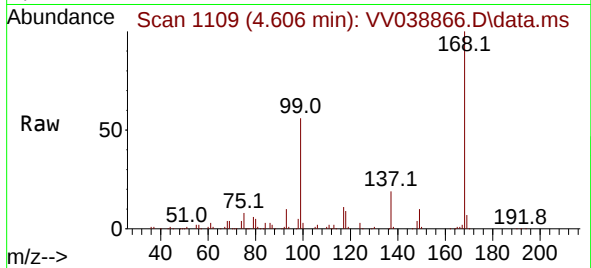




#38
Carbon Tetrachloride
Concen: 6.010 ug/l
RT: 4.606 min Scan# 1149
Delta R.T. -0.129 min
Lab File: VV038866.D
Acq: 07 Jul 2025 12:28

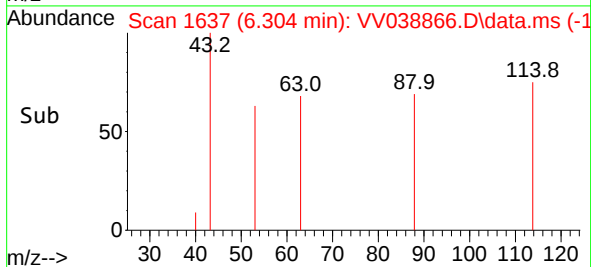
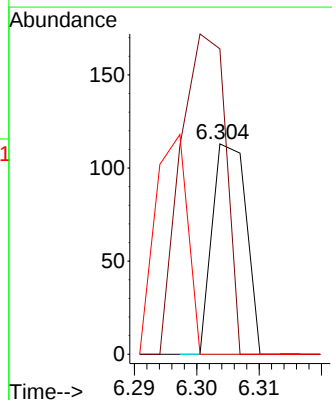
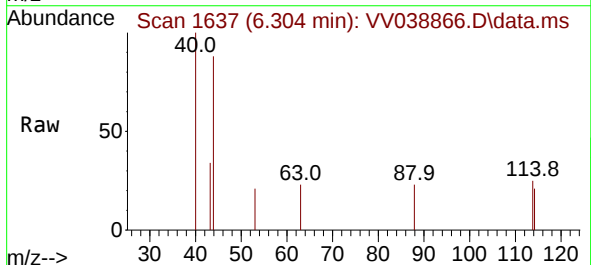
Instrument : MSVOA_V
ClientSampleId : VV0707WBL02

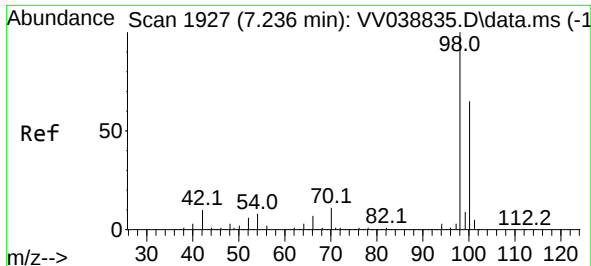
Tgt Ion:117 Resp: 44882
Ion Ratio Lower Upper
117 100
119 5.0 76.5 114.7#
121 0.0 25.0 37.6#



#49
1,4-Dioxane
Concen: 0.706 ug/l
RT: 6.304 min Scan# 1637
Delta R.T. 0.022 min
Lab File: VV038866.D
Acq: 07 Jul 2025 12:28

Tgt Ion: 88 Resp: 43
Ion Ratio Lower Upper
88 100
43 200.0 25.2 37.8#
58 97.7 52.1 78.1#

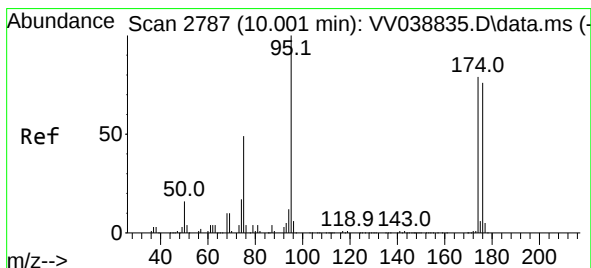
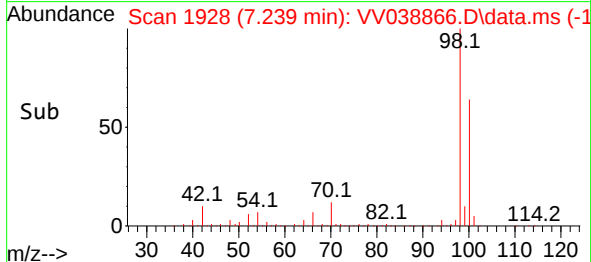
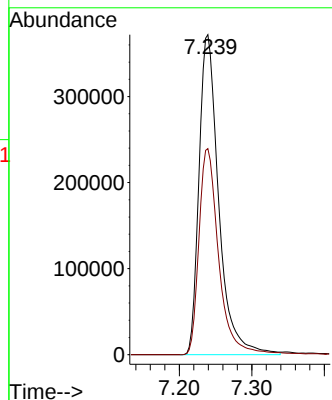
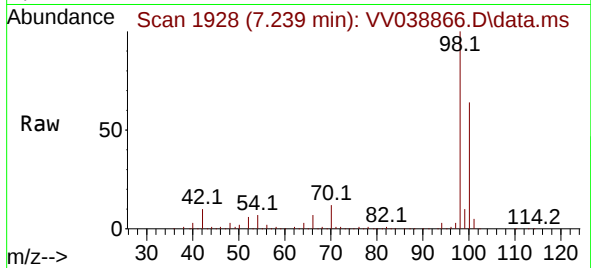




#50
Toluene-d8
Concen: 46.401 ug/l
RT: 7.239 min Scan# 1927
Delta R.T. 0.003 min
Lab File: VV038866.D
Acq: 07 Jul 2025 12:28

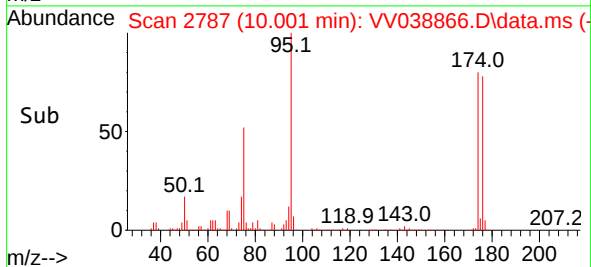
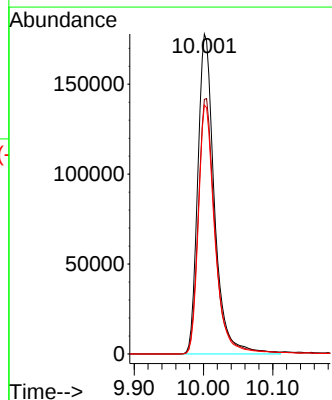
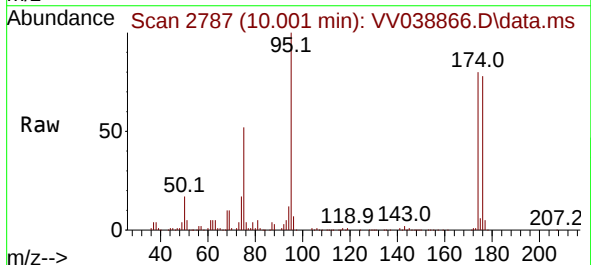
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBL02

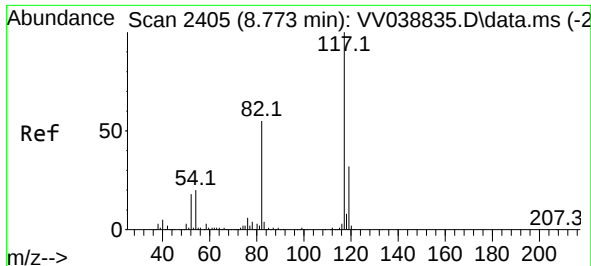
Tgt Ion: 98 Resp: 701922
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.777 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038866.D
Acq: 07 Jul 2025 12:28

Tgt Ion: 95 Resp: 298109
Ion Ratio Lower Upper
95 100
174 80.6 0.0 158.2
176 77.6 0.0 154.4

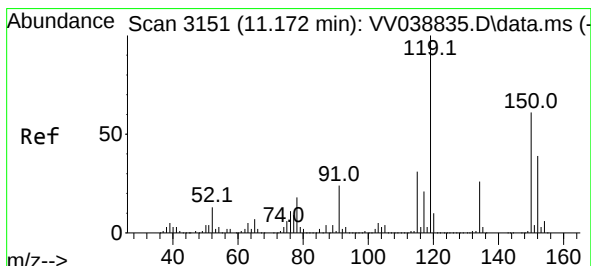
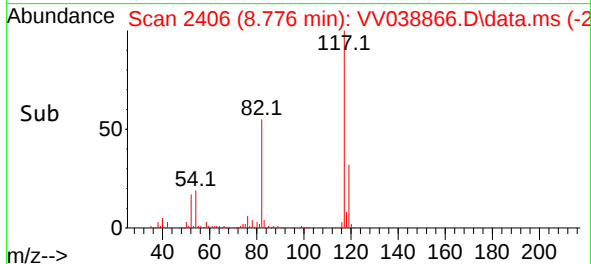
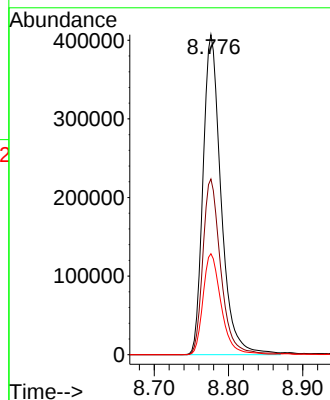
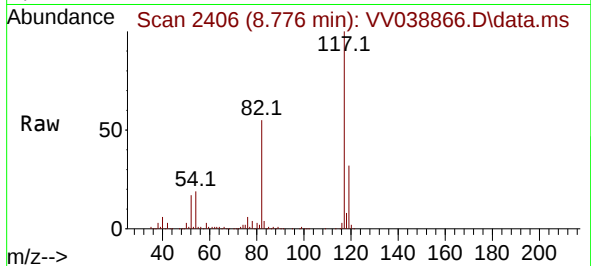




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV038866.D
Acq: 07 Jul 2025 12:28

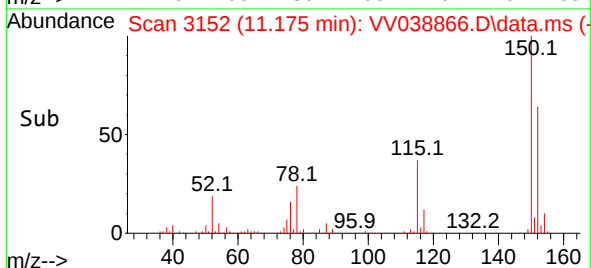
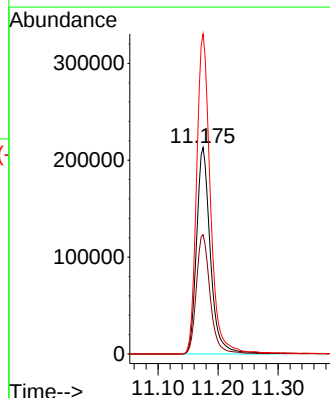
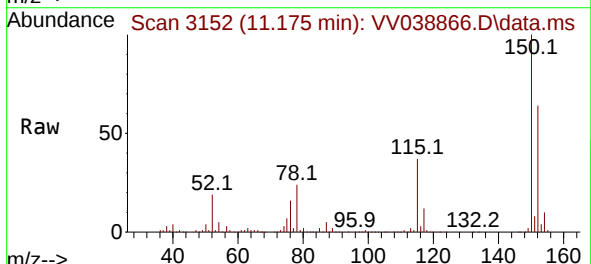
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBL02

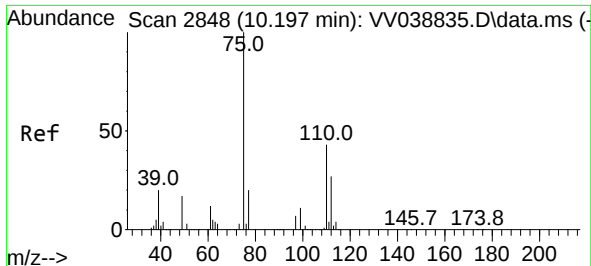
Tgt Ion:117 Resp: 687689
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.4
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV038866.D
Acq: 07 Jul 2025 12:28

Tgt Ion:152 Resp: 341949
Ion Ratio Lower Upper
152 100
115 58.0 42.0 126.0
150 153.5 0.0 343.6

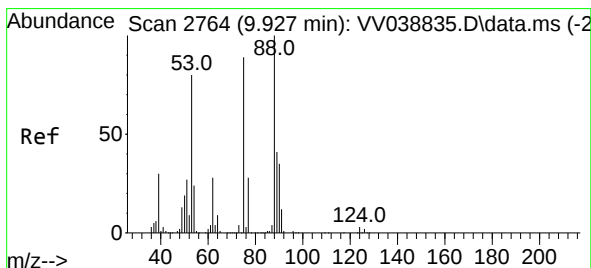
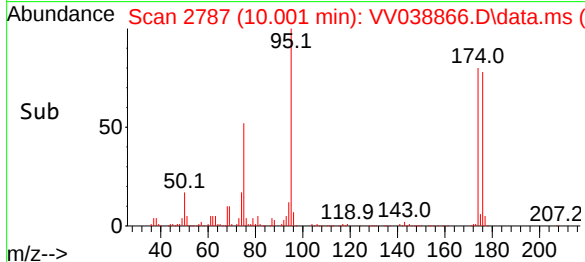
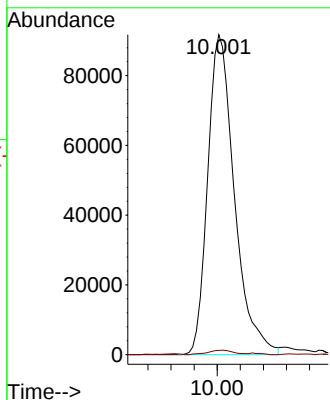
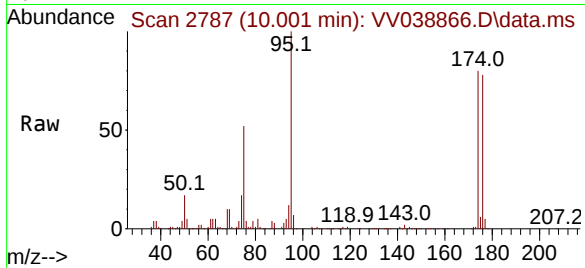




#76
1,2,3-Trichloropropane
Concen: 27.892 ug/l
RT: 10.001 min Scan# 21
Delta R.T. -0.196 min
Lab File: VV038866.D
Acq: 07 Jul 2025 12:28

Instrument :
MSVOA_V
ClientSampleId :
VV0707WBL02

Tgt Ion: 75 Resp: 147570
Ion Ratio Lower Upper
75 100
77 1.4 11.7 35.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.372 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.074 min
Lab File: VV038866.D
Acq: 07 Jul 2025 12:28

Tgt Ion: 75 Resp: 147570
Ion Ratio Lower Upper
75 100
53 0.2 71.2 106.8#
89 0.0 44.6 66.8#

