

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051525\
 Data File : VD080350.D
 Acq On : 15 May 2025 15:59
 Operator : RP/MD
 Sample : Q2034-15
 Misc : 3.23G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 L3-WC-4-VOC

Quant Time: May 16 02:58:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 2025
 Response via : Initial Calibration

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

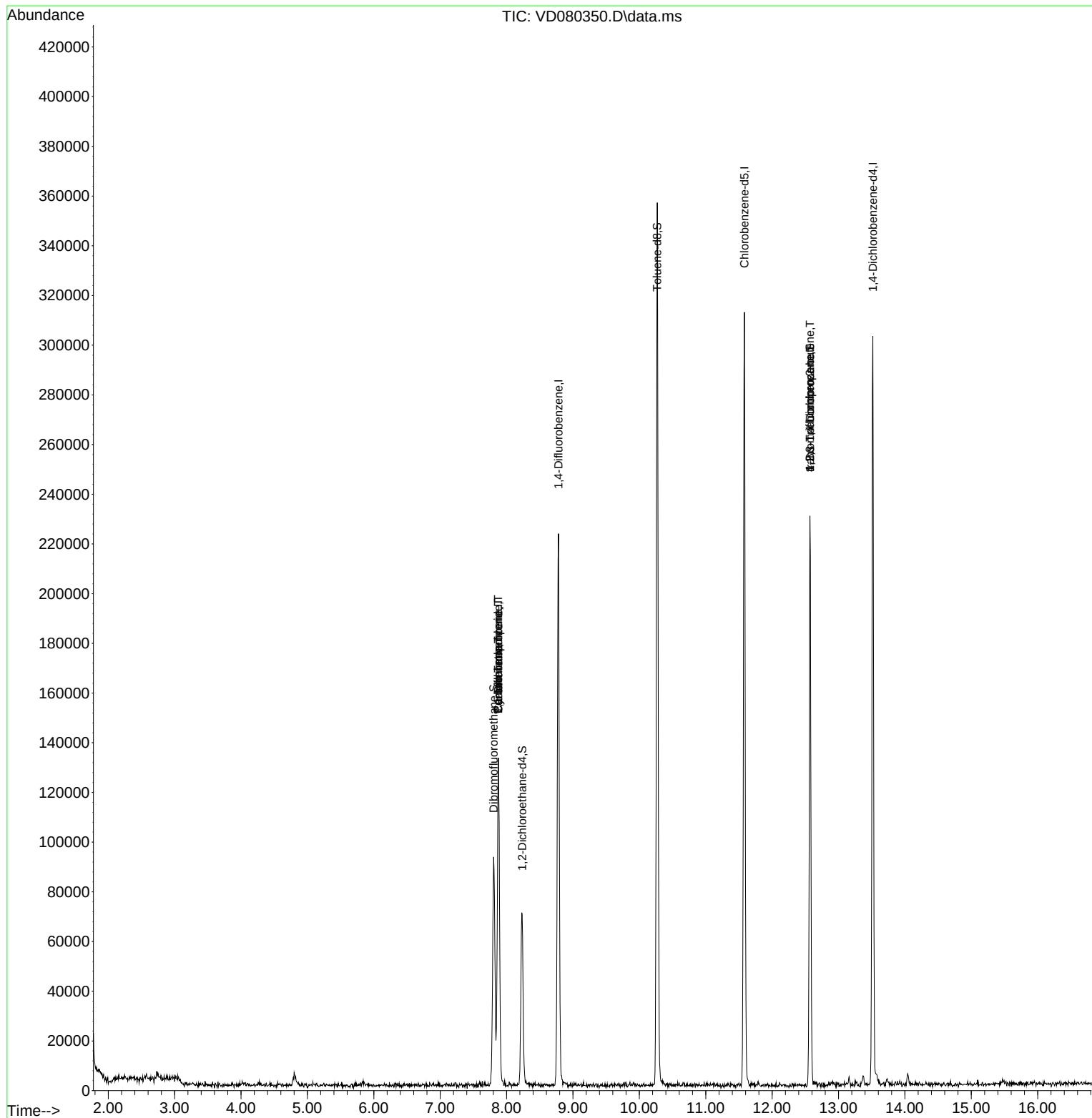
Internal Standards						
1) Pentafluorobenzene	7.876	168	98089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.782	114	188978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	177385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	81213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.235	65	56853	44.821	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.640%
35) Dibromofluoromethane	7.805	113	65360	51.603	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.200%
50) Toluene-d8	10.270	98	244621	49.017	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.040%
62) 4-Bromofluorobenzene	12.570	95	67649	42.233	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.460%
Target Compounds						
					Qvalue	
3) Chloromethane	2.141	50	114	Below Cal	#	39
16) Acetone	4.047	43	1628	Below Cal	#	69
20) Methylene Chloride	4.806	84	3099	Below Cal	#	85
31) Cyclohexane	7.876	56	2803	1.360	ug/l #	5
36) 1,1-Dichloropropene	7.876	75	8457	4.468	ug/l #	48
38) Carbon Tetrachloride	7.876	117	9811	4.970	ug/l #	19
76) 1,2,3-Trichloropropane	12.570	75	35789	45.660	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.570	75	35789	86.671	ug/l #	15

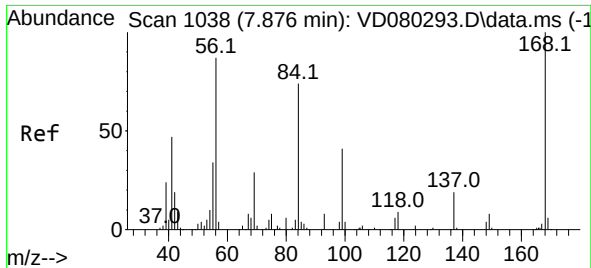
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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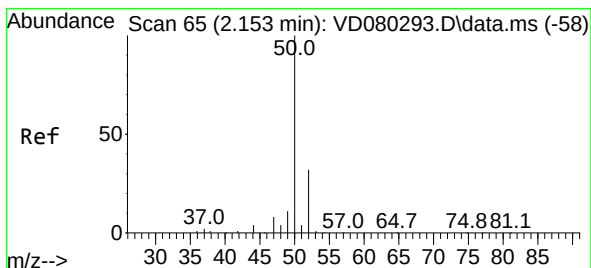
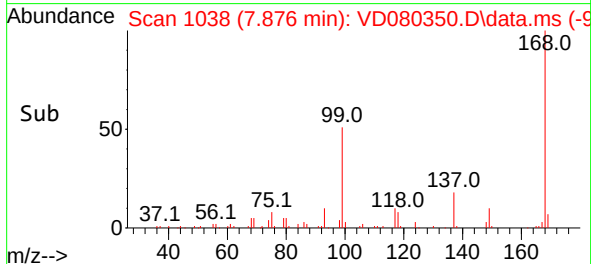
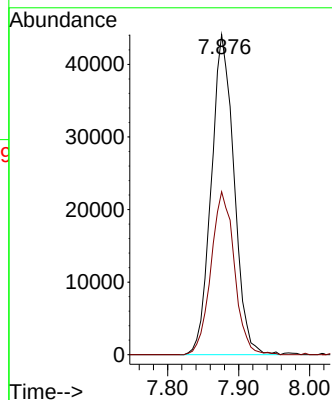
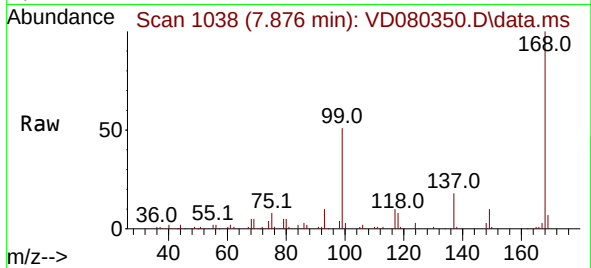




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080350.D
Acq: 15 May 2025 15:59

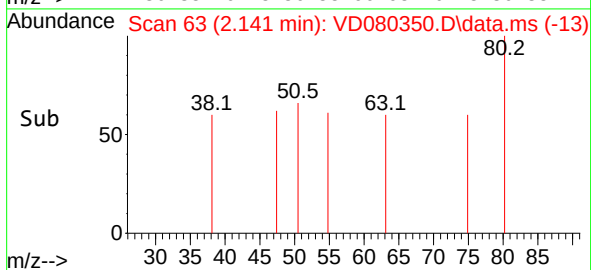
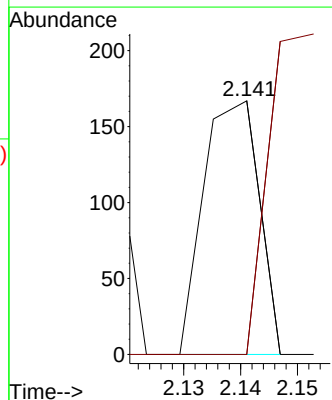
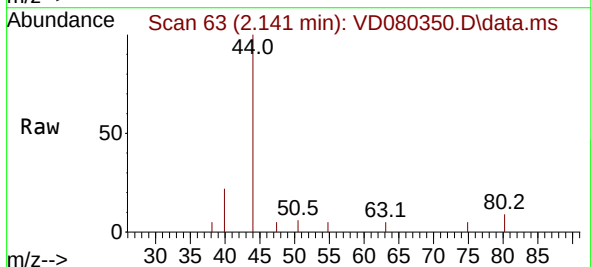
Instrument :
MSVOA_D
ClientSampleId :
L3-WC-4-VOC

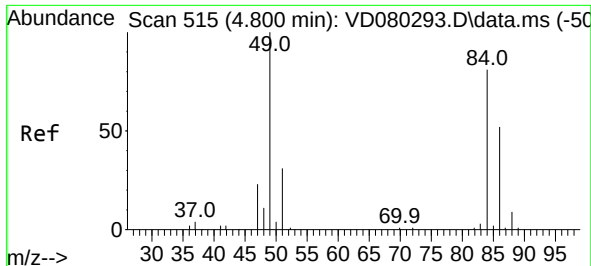
Tgt Ion:168 Resp: 98089
Ion Ratio Lower Upper
168 100
99 50.9 46.0 69.0



#3
Chloromethane
Concen: Below Cal
RT: 2.141 min Scan# 63
Delta R.T. -0.005 min
Lab File: VD080350.D
Acq: 15 May 2025 15:59

Tgt Ion: 50 Resp: 114
Ion Ratio Lower Upper
50 100
52 0.0 28.8 43.2#

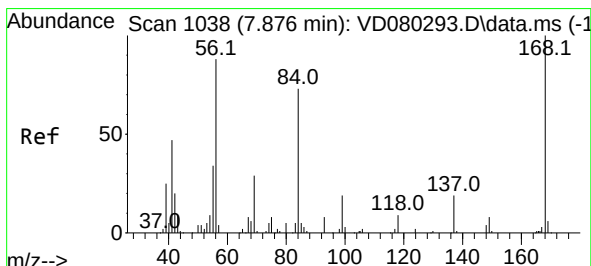
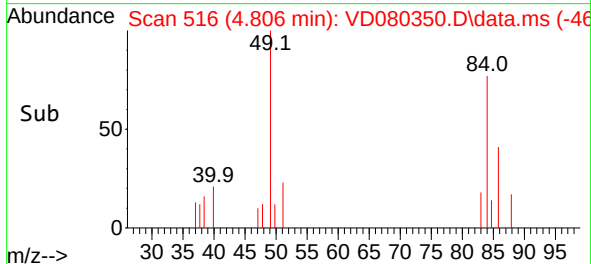
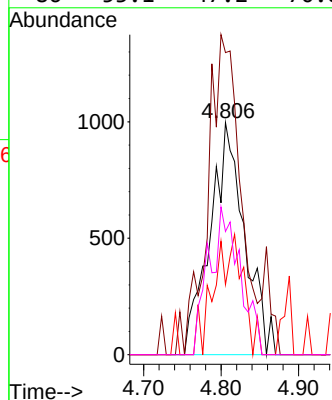
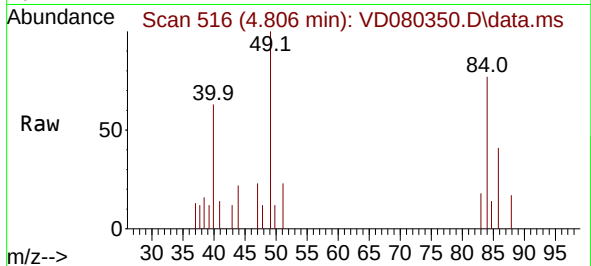




#20
Methylene Chloride
Concen: Below Cal
RT: 4.806 min Scan# 515
Delta R.T. 0.001 min
Lab File: VD080350.D
Acq: 15 May 2025 15:59

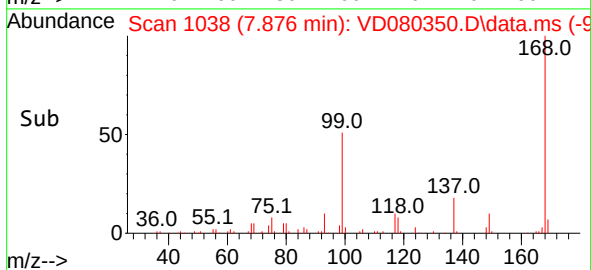
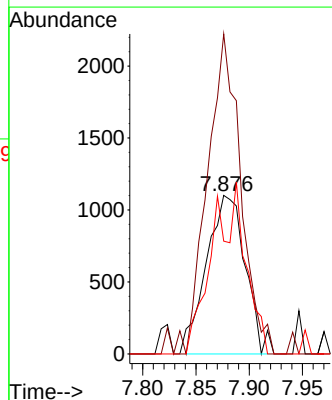
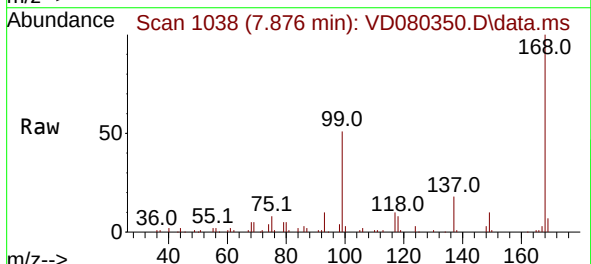
Instrument :
MSVOA_D
ClientSampleId :
L3-WC-4-VOC

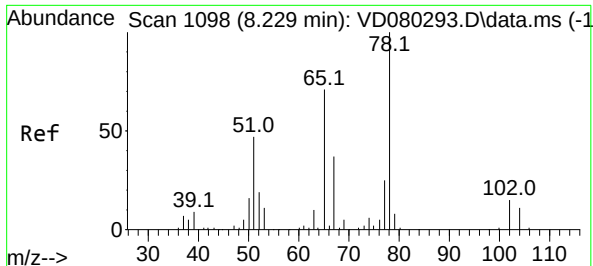
Tgt Ion:	84	Resp:	3099
Ion	Ratio	Lower	Upper
84	100		
49	130.1	86.5	129.7#
51	30.2	26.9	40.3
86	53.1	47.2	70.8



#31
Cyclohexane
Concen: 1.360 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.005 min
Lab File: VD080350.D
Acq: 15 May 2025 15:59

Tgt Ion:	56	Resp:	2803
Ion	Ratio	Lower	Upper
56	100		
69	201.9	27.3	40.9#
84	71.1	70.2	105.4





#33

1,2-Dichloroethane-d4

Concen: 44.821 ug/l

RT: 8.235 min Scan# 1109

Delta R.T. 0.007 min

Lab File: VD080350.D

Acq: 15 May 2025 15:59

Instrument :

MSVOA_D

ClientSampleId :

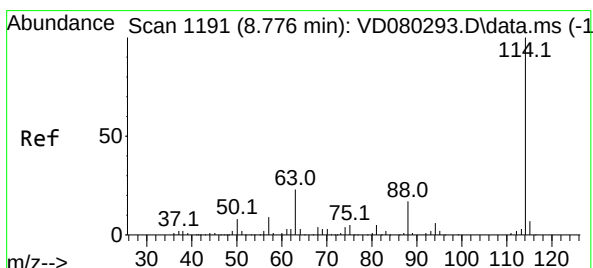
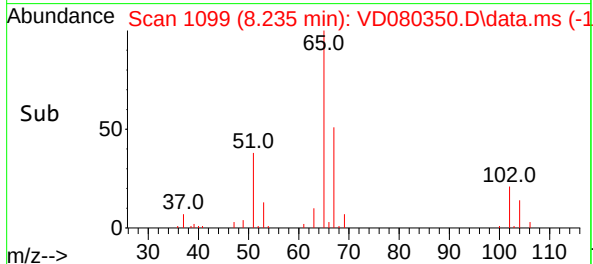
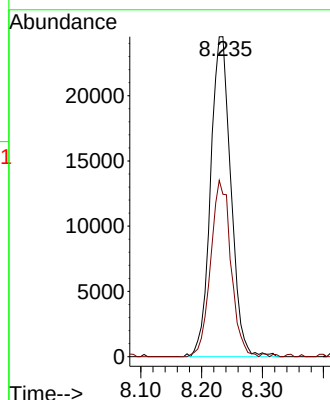
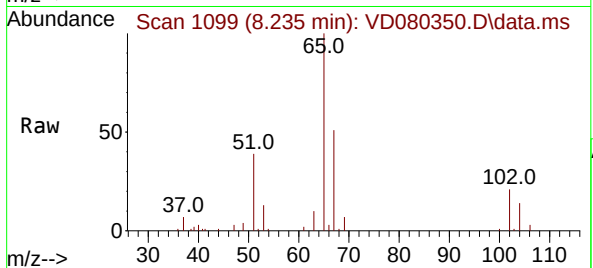
L3-WC-4-VOC

Tgt Ion: 65 Resp: 56853

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.782 min Scan# 1192

Delta R.T. 0.007 min

Lab File: VD080350.D

Acq: 15 May 2025 15:59

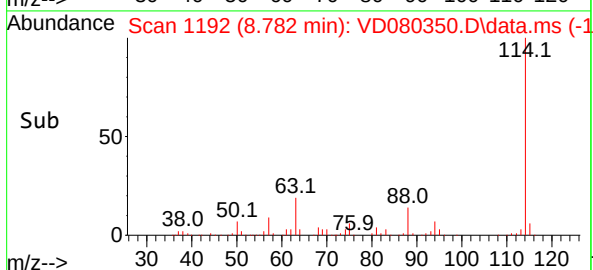
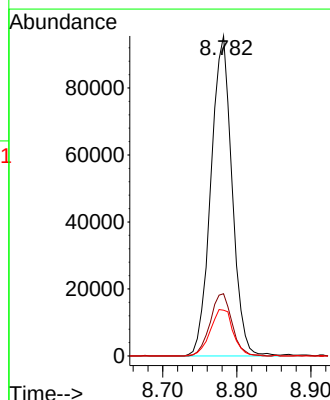
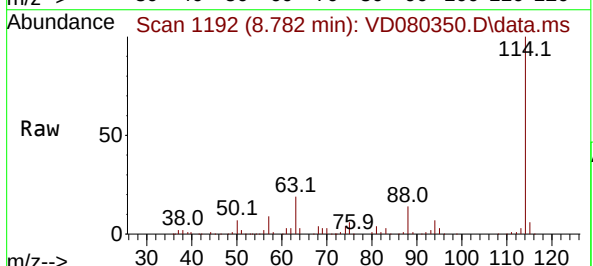
Tgt Ion: 114 Resp: 188978

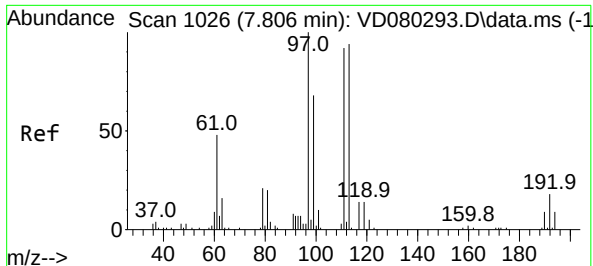
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

88 14.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.603 ug/l

RT: 7.805 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VD080350.D

Acq: 15 May 2025 15:59

Instrument :

MSVOA_D

ClientSampleId :

L3-WC-4-VOC

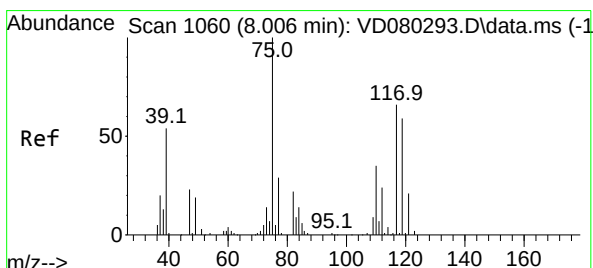
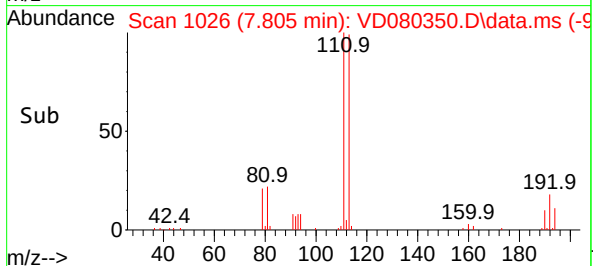
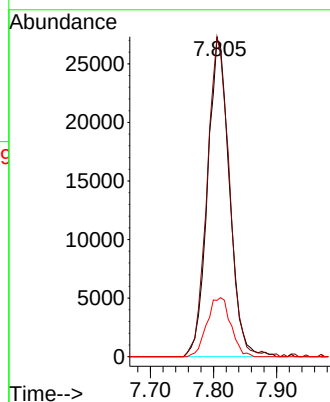
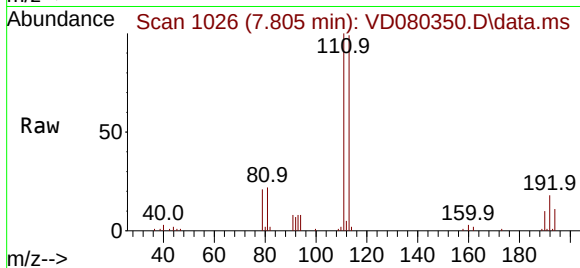
Tgt Ion:113 Resp: 65360

Ion Ratio Lower Upper

113 100

111 102.3 82.5 123.7

192 20.1 16.6 25.0



#36

1,1-Dichloropropene

Concen: 4.468 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. -0.129 min

Lab File: VD080350.D

Acq: 15 May 2025 15:59

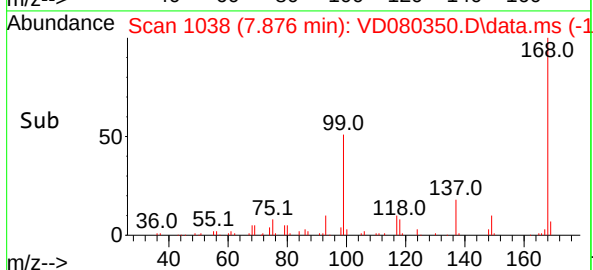
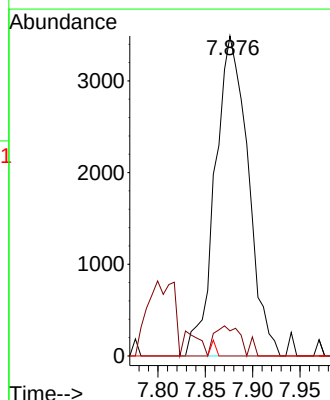
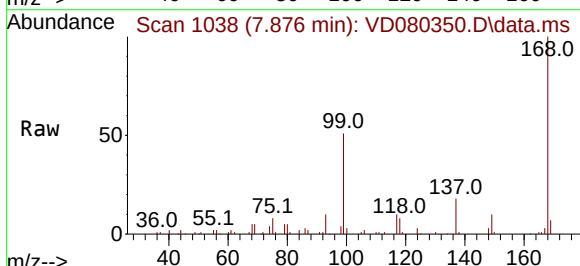
Tgt Ion: 75 Resp: 8457

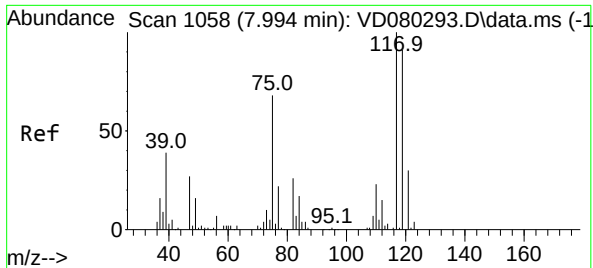
Ion Ratio Lower Upper

75 100

110 7.8 18.4 55.0#

77 0.7 25.6 38.4#

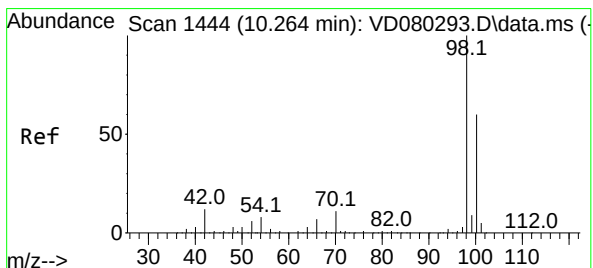
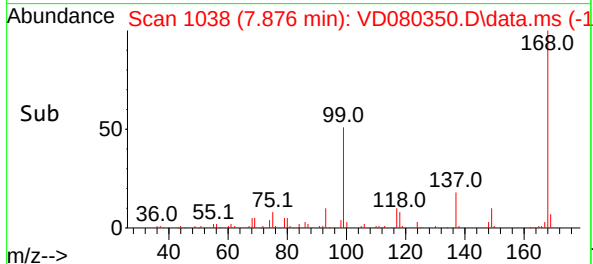
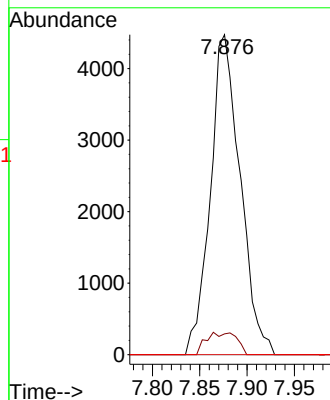
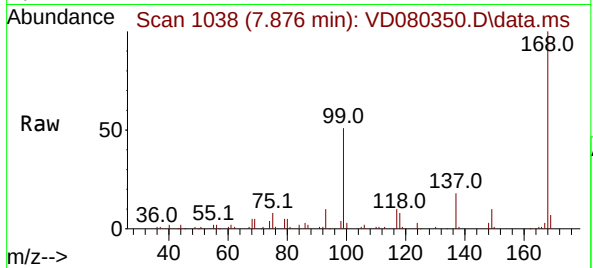




#38
Carbon Tetrachloride
Concen: 4.970 ug/l
RT: 7.876 min Scan# 1058
Delta R.T. -0.111 min
Lab File: VD080350.D
Acq: 15 May 2025 15:59

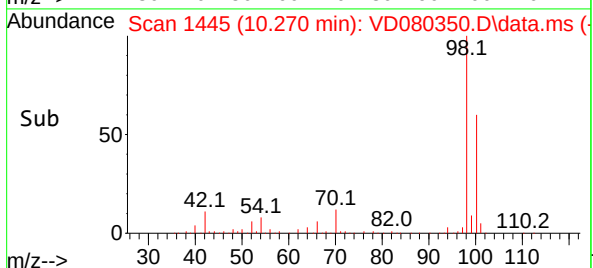
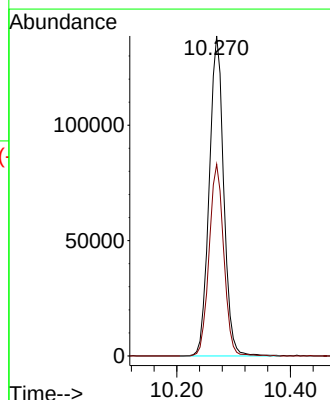
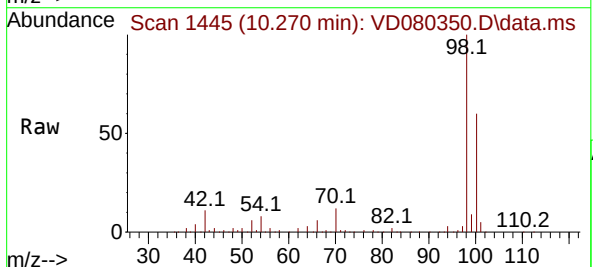
Instrument :
MSVOA_D
ClientSampleId :
L3-WC-4-VOC

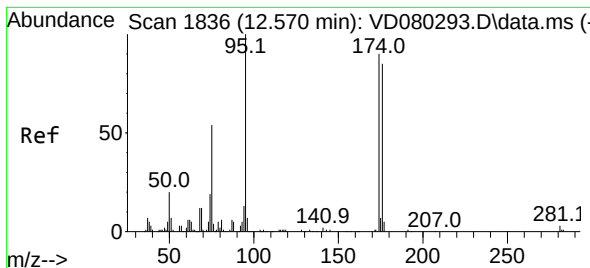
Tgt Ion:117 Resp: 9811
Ion Ratio Lower Upper
117 100
119 6.5 73.4 110.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.017 ug/l
RT: 10.270 min Scan# 1445
Delta R.T. 0.001 min
Lab File: VD080350.D
Acq: 15 May 2025 15:59

Tgt Ion: 98 Resp: 244621
Ion Ratio Lower Upper
98 100
100 60.5 50.2 75.4

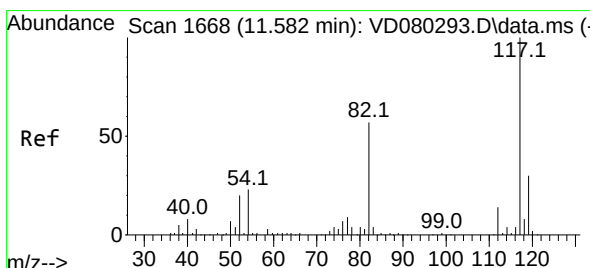
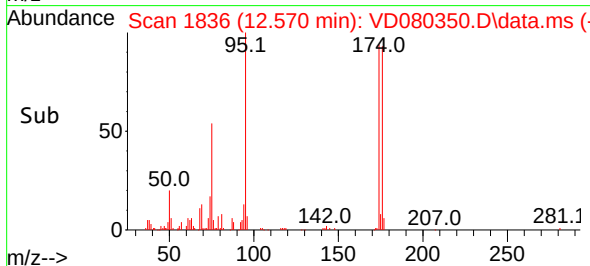
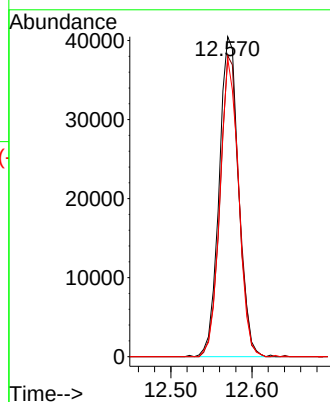
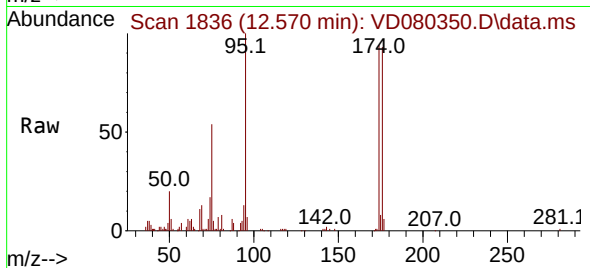




#62
4-Bromofluorobenzene
Concen: 42.233 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080350.D
Acq: 15 May 2025 15:59

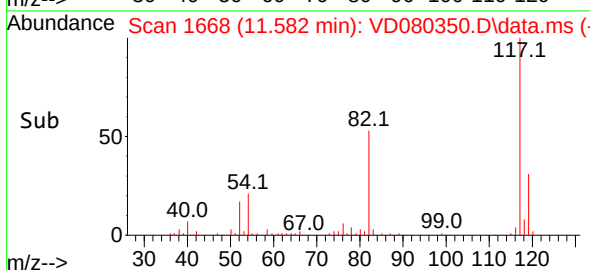
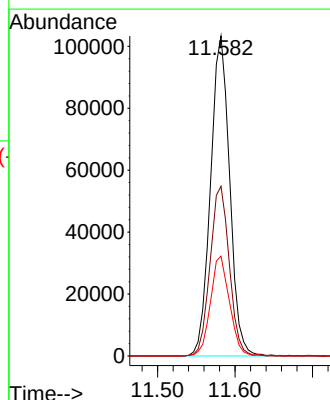
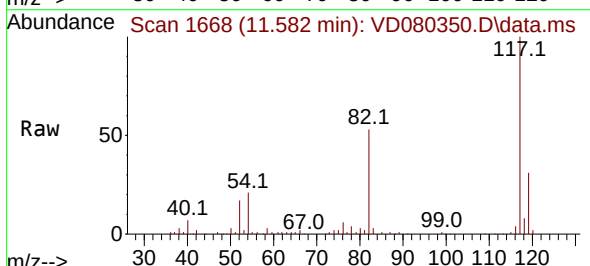
Instrument :
MSVOA_D
ClientSampleId :
L3-WC-4-VOC

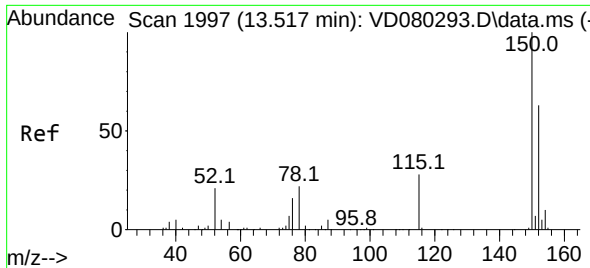
Tgt Ion: 95 Resp: 67649
Ion Ratio Lower Upper
95 100
174 91.1 0.0 173.4
176 88.9 0.0 166.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 1668
Delta R.T. 0.001 min
Lab File: VD080350.D
Acq: 15 May 2025 15:59

Tgt Ion: 117 Resp: 177385
Ion Ratio Lower Upper
117 100
82 53.0 45.8 68.6
119 31.2 26.2 39.2

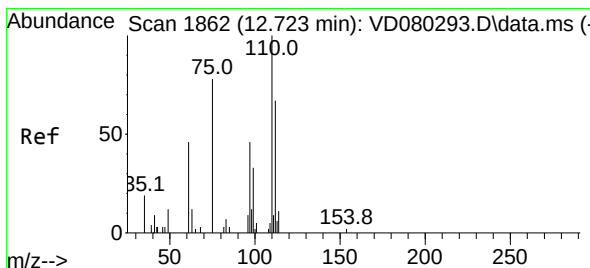
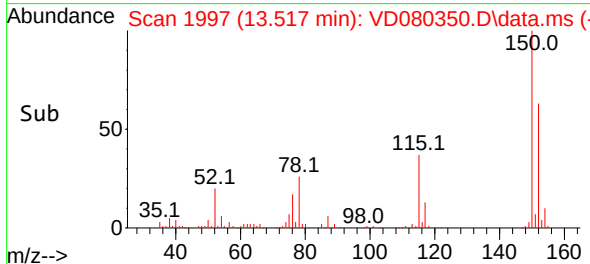
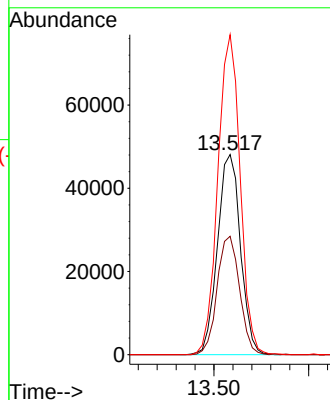
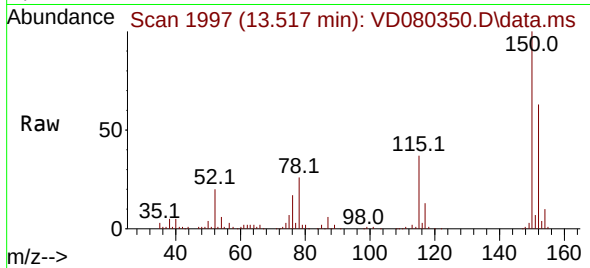




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.517 min Scan# 1997
 Delta R.T. 0.001 min
 Lab File: VD080350.D
 Acq: 15 May 2025 15:59

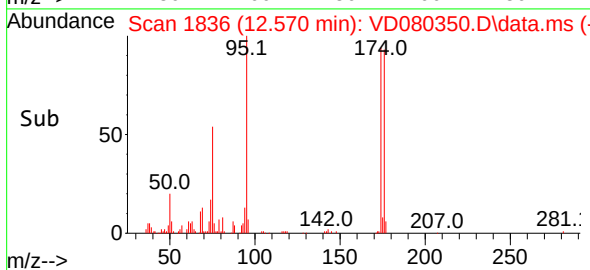
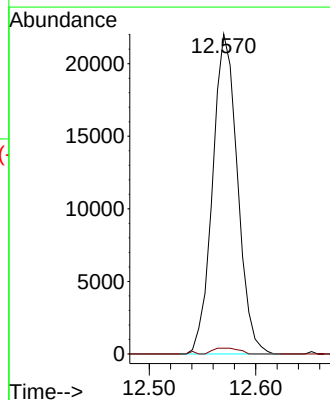
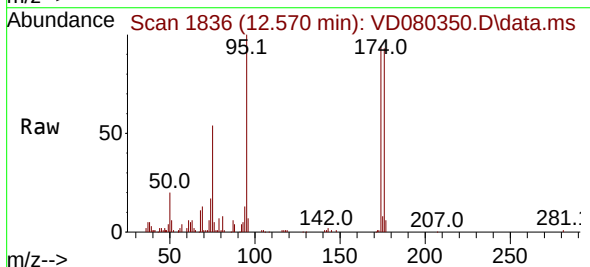
Instrument :
 MSVOA_D
 ClientSampleId :
 L3-WC-4-VOC

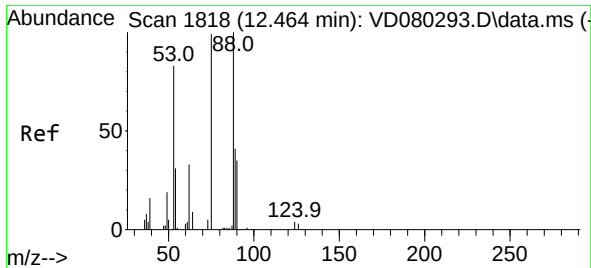
Tgt Ion:152 Resp: 81213
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.9 86.8
 150 154.8 0.0 354.8



#76
 1,2,3-Trichloropropane
 Concen: 45.660 ug/l
 RT: 12.570 min Scan# 1836
 Delta R.T. -0.152 min
 Lab File: VD080350.D
 Acq: 15 May 2025 15:59

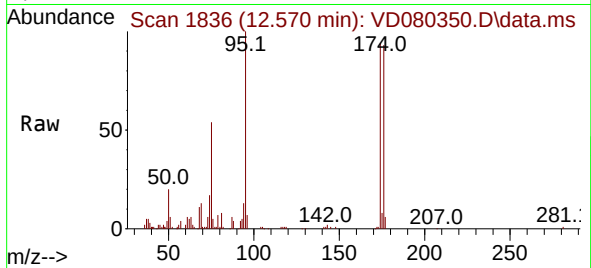
Tgt Ion: 75 Resp: 35789
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.671 ug/l
 RT: 12.570 min Scan# 1836
 Delta R.T. 0.101 min
 Lab File: VD080350.D
 Acq: 15 May 2025 15:59

Instrument :
 MSVOA_D
 ClientSampleId :
 L3-WC-4-VOC



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	68.7	103.1#
89	0.0	36.1	54.1#

