

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051525\
 Data File : VD080347.D
 Acq On : 15 May 2025 14:40
 Operator : RP/MD
 Sample : Q2034-03
 Misc : 4.81G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 L3-WC-1-VOC

Quant Time: May 16 02:57:32 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)

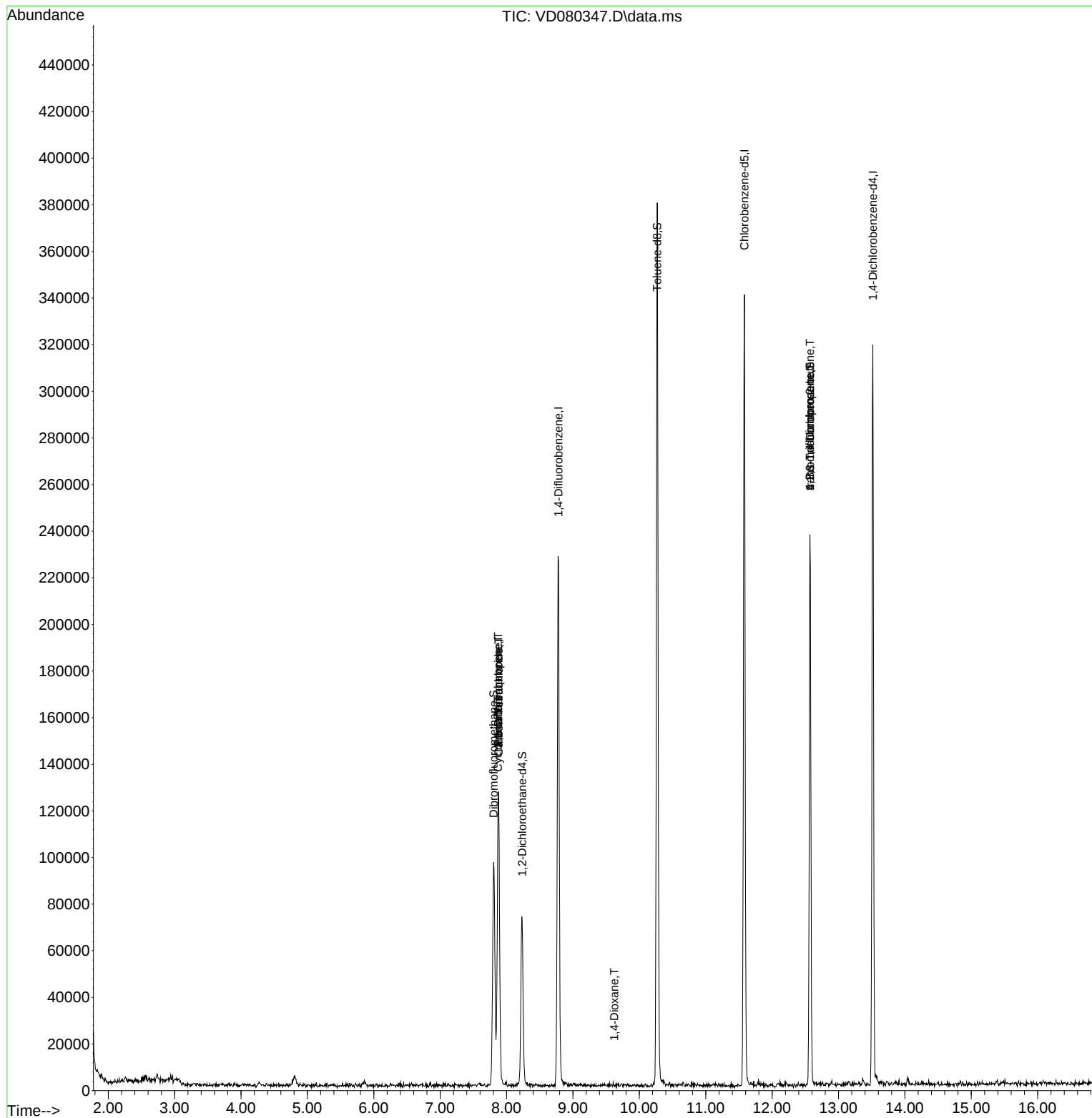
Internal Standards						
1) Pentafluorobenzene	7.876	168	96563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.782	114	194277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	186022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	84647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.235	65	59143	47.363	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.720%
35) Dibromofluoromethane	7.805	113	69003	52.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.980%
50) Toluene-d8	10.270	98	258328	50.351	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.700%
62) 4-Bromofluorobenzene	12.570	95	71316	43.308	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.620%
Target Compounds						
3) Chloromethane	2.153	50	276	Below Cal	#	30
16) Acetone	4.017	43	1654	Below Cal		100
20) Methylene Chloride	4.800	84	3004	Below Cal	#	82
31) Cyclohexane	7.870	56	2656	1.309	ug/l #	53
36) 1,1-Dichloropropene	7.876	75	8799	4.521	ug/l #	49
38) Carbon Tetrachloride	7.882	117	10013	4.934	ug/l #	20
49) 1,4-Dioxane	9.623	88	61	6.026	ug/l #	1
76) 1,2,3-Trichloropropane	12.570	75	38154	46.703	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.570	75	38154	88.650	ug/l #	15

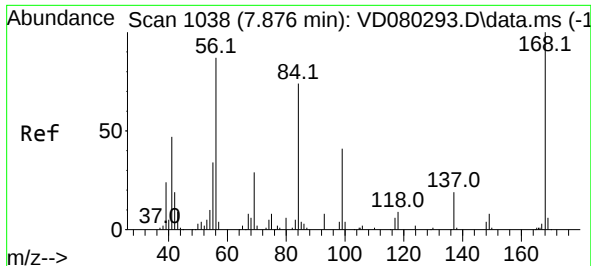
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051525\
Data File : VD080347.D
Acq On : 15 May 2025 14:40
Operator : RP/MD
Sample : Q2034-03
Misc : 4.81G/10ml/MSVOA_D/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
L3-WC-1-VOC

Quant Time: May 16 02:57:32 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

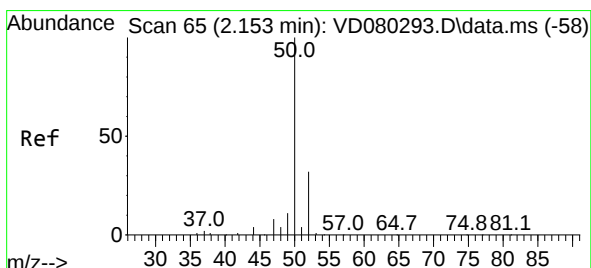
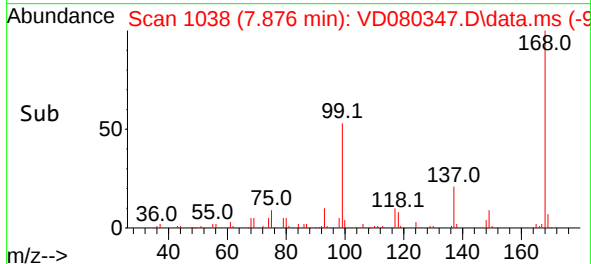
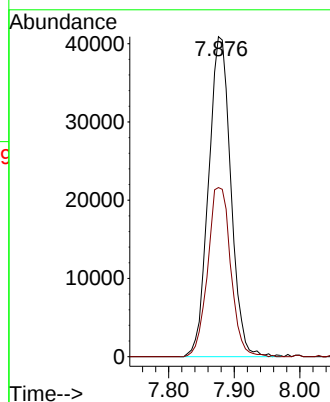
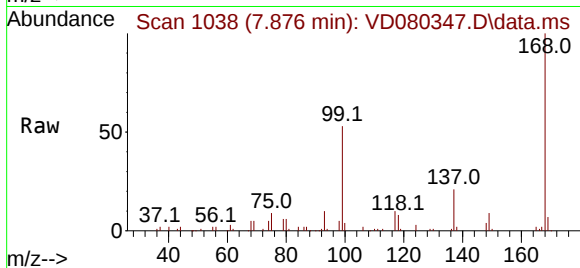




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 10
Delta R.T. 0.001 min
Lab File: VD080347.D
Acq: 15 May 2025 14:40

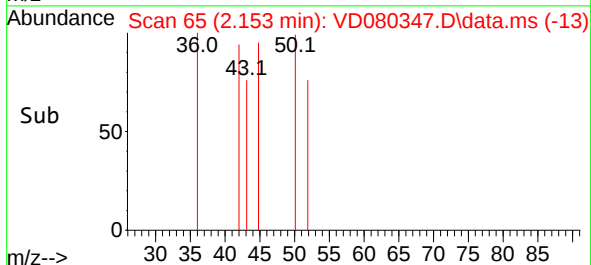
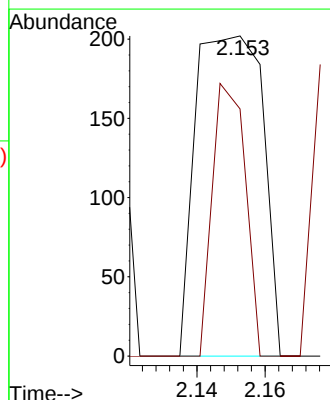
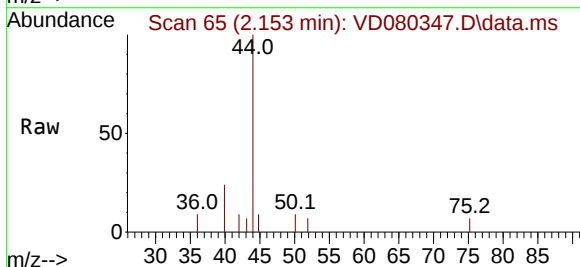
Instrument :
MSVOA_D
ClientSampleId :
L3-WC-1-VOC

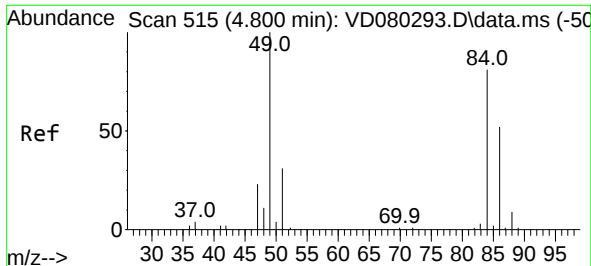
Tgt Ion:168 Resp: 96563
Ion Ratio Lower Upper
168 100
99 52.8 46.0 69.0



#3
Chloromethane
Concen: Below Cal
RT: 2.153 min Scan# 65
Delta R.T. 0.007 min
Lab File: VD080347.D
Acq: 15 May 2025 14:40

Tgt Ion: 50 Resp: 276
Ion Ratio Lower Upper
50 100
52 77.2 28.8 43.2#

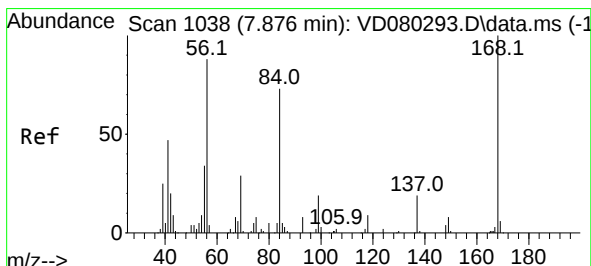
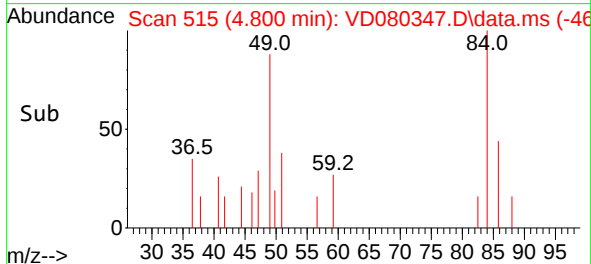
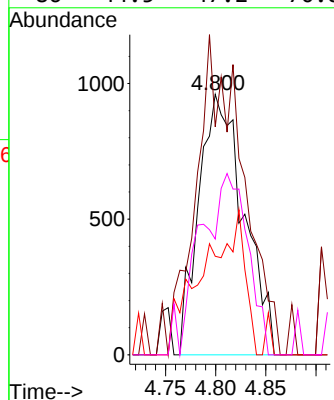
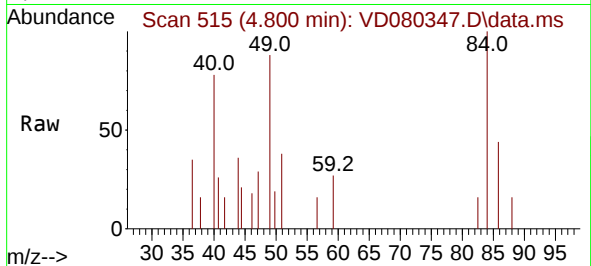




#20
Methylene Chloride
Concen: Below Cal
RT: 4.800 min Scan# 515
Delta R.T. -0.005 min
Lab File: VD080347.D
Acq: 15 May 2025 14:40

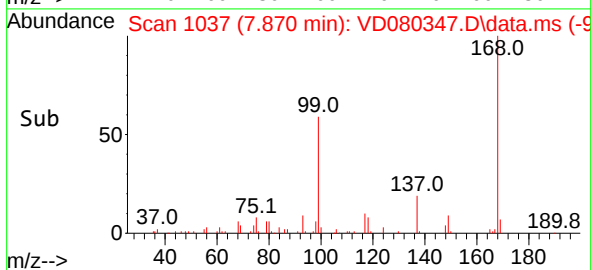
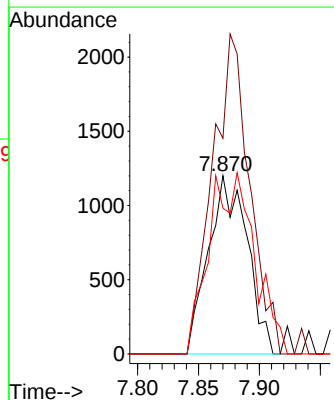
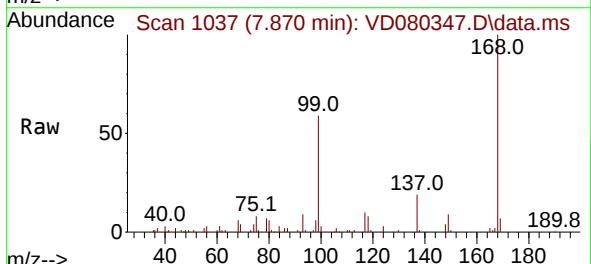
Instrument :
MSVOA_D
ClientSampleId :
L3-WC-1-VOC

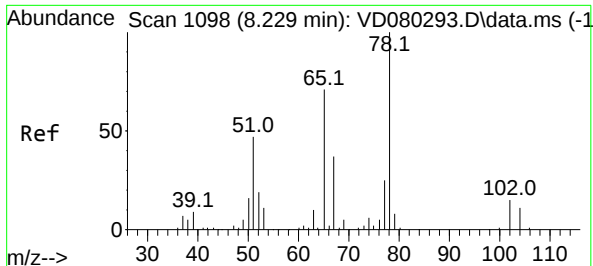
Tgt Ion:	84	Resp:	3004
Ion	Ratio	Lower	Upper
84	100		
49	87.5	86.5	129.7
51	37.8	26.9	40.3
86	44.5	47.2	70.8



#31
Cyclohexane
Concen: 1.309 ug/l
RT: 7.870 min Scan# 1037
Delta R.T. -0.011 min
Lab File: VD080347.D
Acq: 15 May 2025 14:40

Tgt Ion:	56	Resp:	2656
Ion	Ratio	Lower	Upper
56	100		
69	121.0	27.3	40.9
84	81.8	70.2	105.4





#33

1,2-Dichloroethane-d4

Concen: 47.363 ug/l

RT: 8.235 min Scan# 1109

Delta R.T. 0.007 min

Lab File: VD080347.D

Acq: 15 May 2025 14:40

Instrument :

MSVOA_D

ClientSampleId :

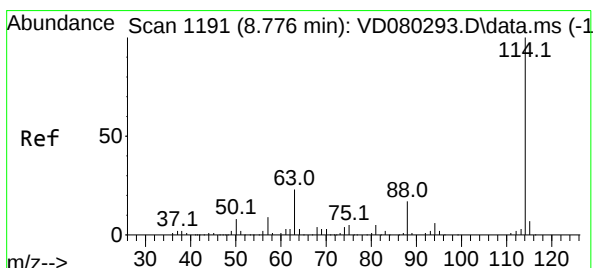
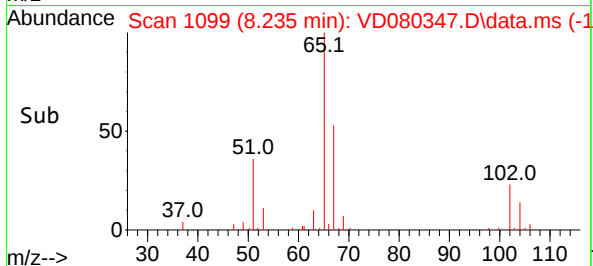
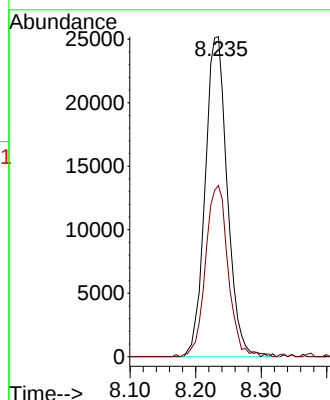
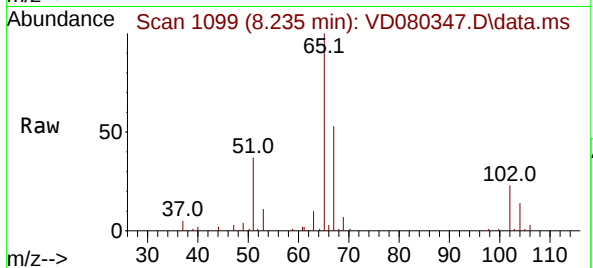
L3-WC-1-VOC

Tgt Ion: 65 Resp: 59143

Ion Ratio Lower Upper

65 100

67 54.3 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: VD080347.D

Acq: 15 May 2025 14:40

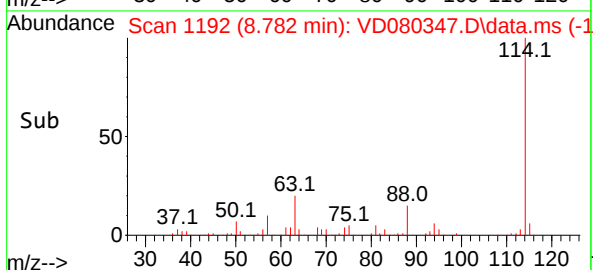
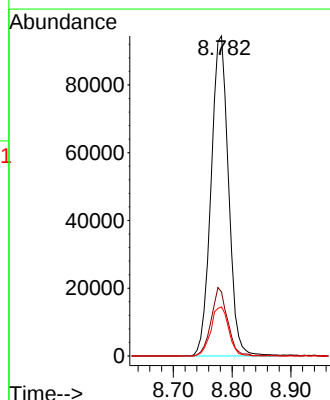
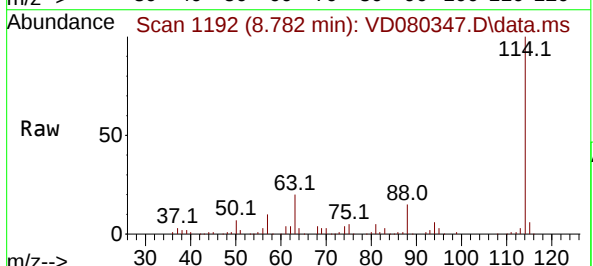
Tgt Ion: 114 Resp: 194277

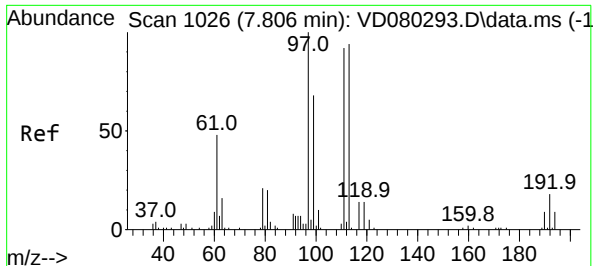
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.8

88 15.4 0.0 30.6

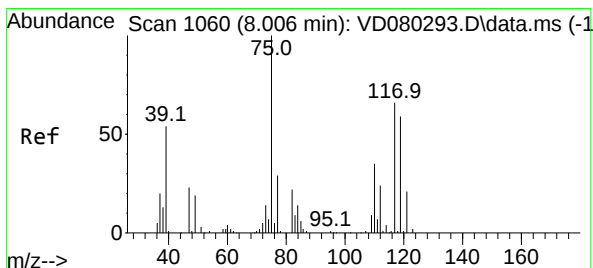
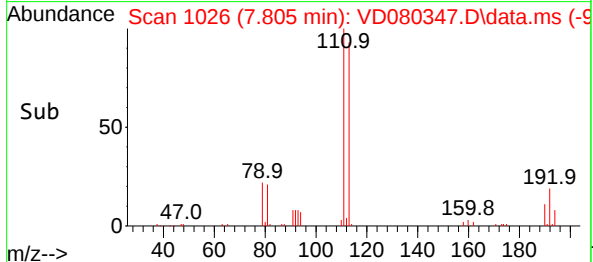
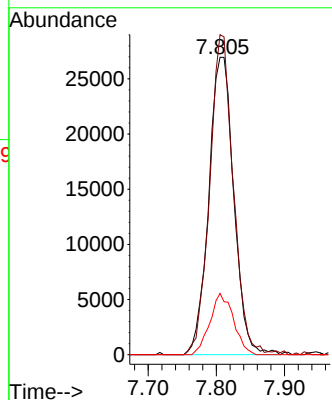
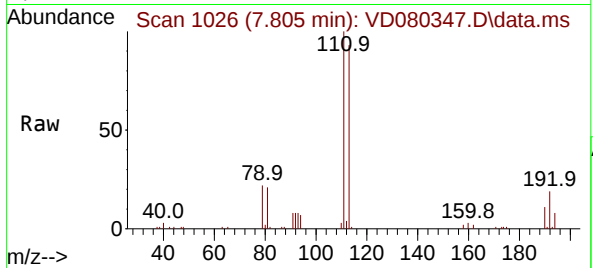




#35
Dibromofluoromethane
Concen: 52.993 ug/l
RT: 7.805 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VD080347.D
Acq: 15 May 2025 14:40

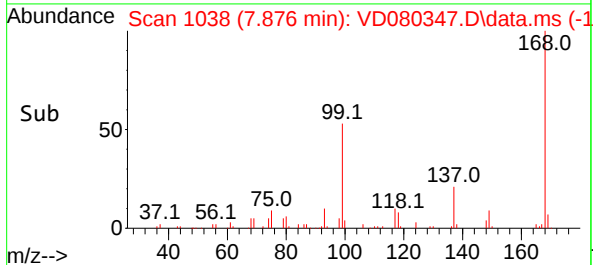
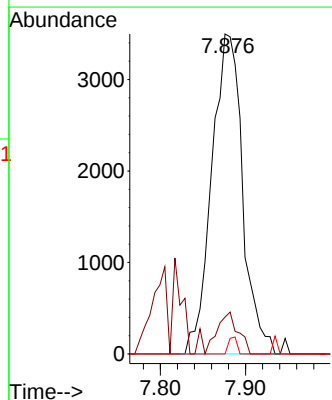
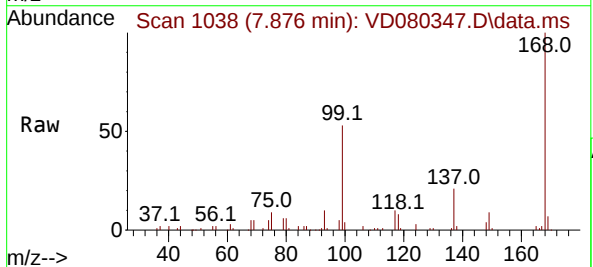
Instrument :
MSVOA_D
ClientSampleId :
L3-WC-1-VOC

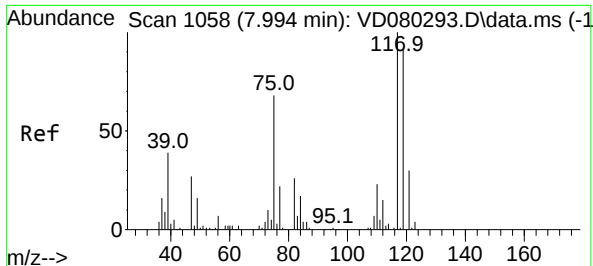
Tgt Ion:113 Resp: 69003
Ion Ratio Lower Upper
113 100
111 101.3 82.5 123.7
192 19.4 16.6 25.0



#36
1,1-Dichloropropene
Concen: 4.521 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.129 min
Lab File: VD080347.D
Acq: 15 May 2025 14:40

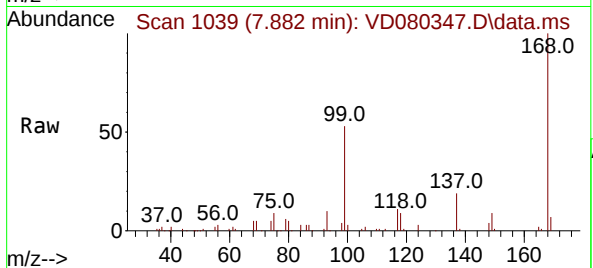
Tgt Ion: 75 Resp: 8799
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.0#
77 1.4 25.6 38.4#



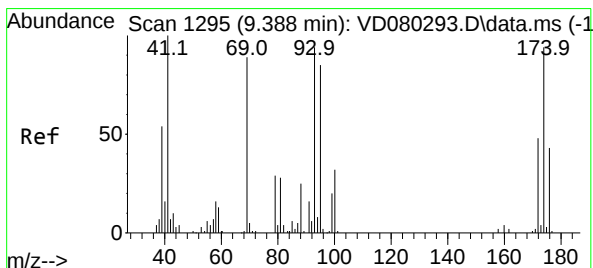
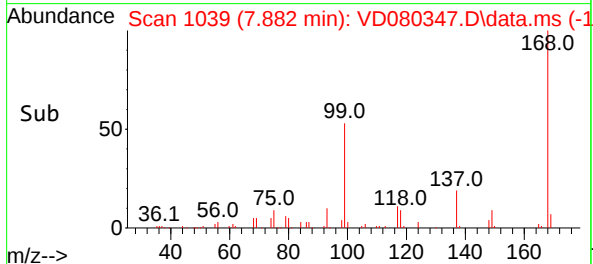
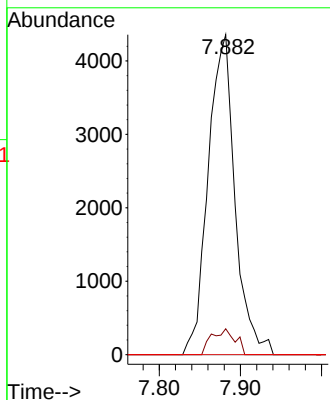


#38
Carbon Tetrachloride
Concen: 4.934 ug/l
RT: 7.882 min Scan# 1039
Delta R.T. -0.105 min
Lab File: VD080347.D
Acq: 15 May 2025 14:40

Instrument :
MSVOA_D
ClientSampleId :
L3-WC-1-VOC

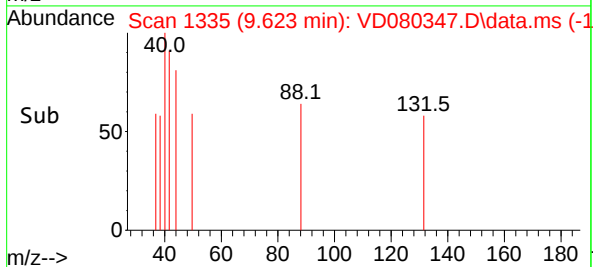
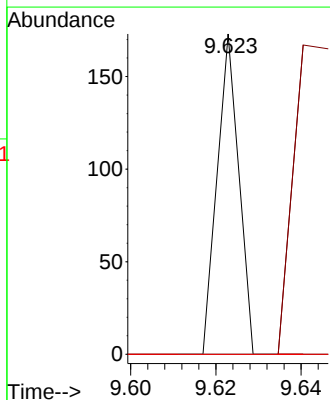
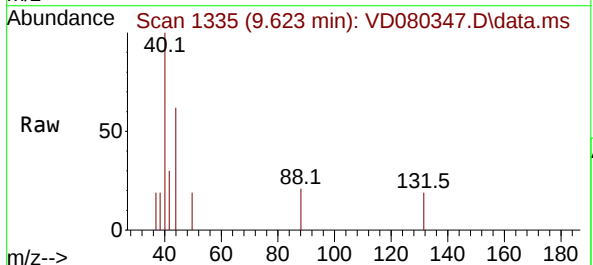


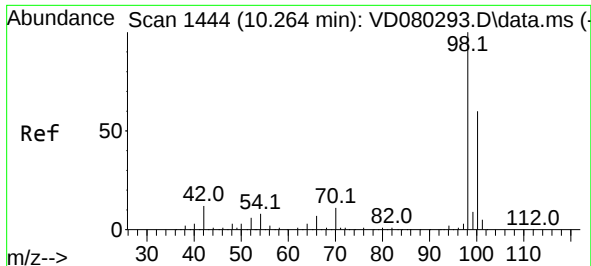
Tgt Ion:117 Resp: 10013
Ion Ratio Lower Upper
117 100
119 8.1 73.4 110.0#
121 0.0 24.5 36.7#



#49
1,4-Dioxane
Concen: 6.026 ug/l
RT: 9.623 min Scan# 1335
Delta R.T. 0.236 min
Lab File: VD080347.D
Acq: 15 May 2025 14:40

Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 191.8 29.1 43.7#
58 0.0 59.9 89.9#

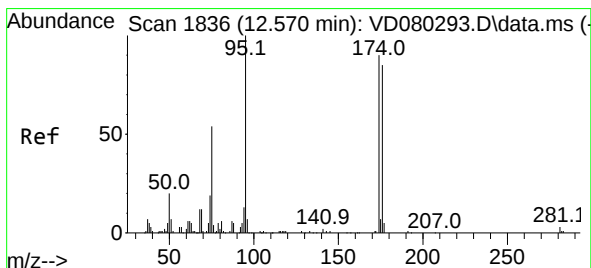
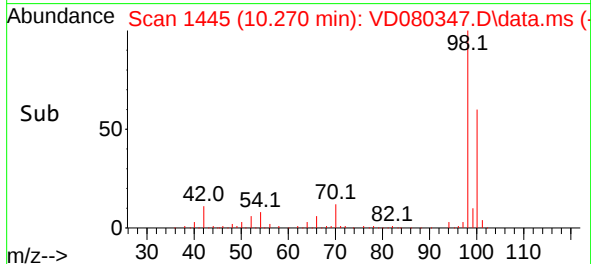
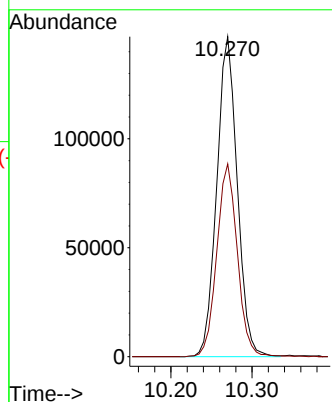
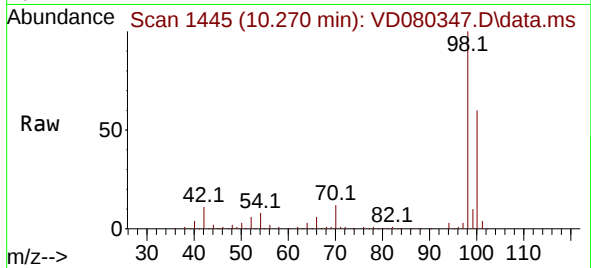




#50
Toluene-d8
Concen: 50.351 ug/l
RT: 10.270 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VD080347.D
Acq: 15 May 2025 14:40

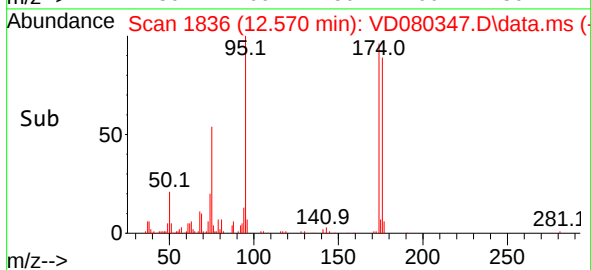
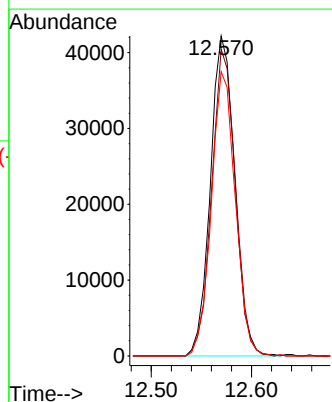
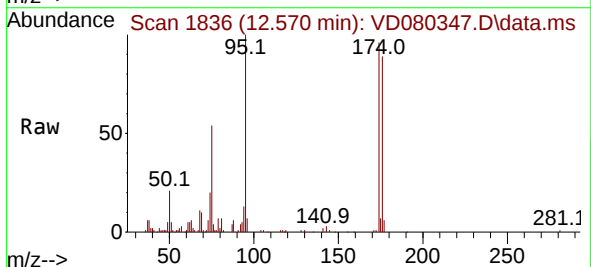
Instrument :
MSVOA_D
ClientSampleId :
L3-WC-1-VOC

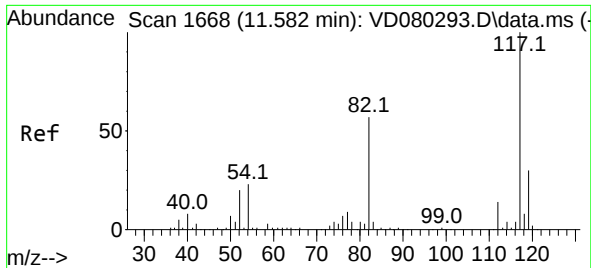
Tgt Ion: 98 Resp: 258328
Ion Ratio Lower Upper
98 100
100 60.4 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 43.308 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080347.D
Acq: 15 May 2025 14:40

Tgt Ion: 95 Resp: 71316
Ion Ratio Lower Upper
95 100
174 93.5 0.0 173.4
176 87.4 0.0 166.6

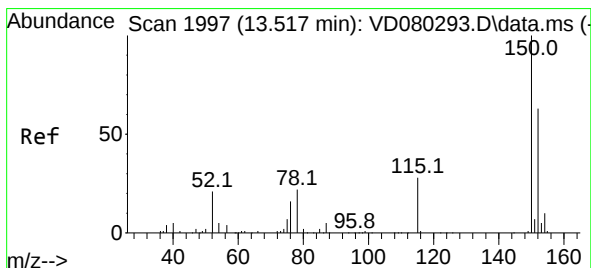
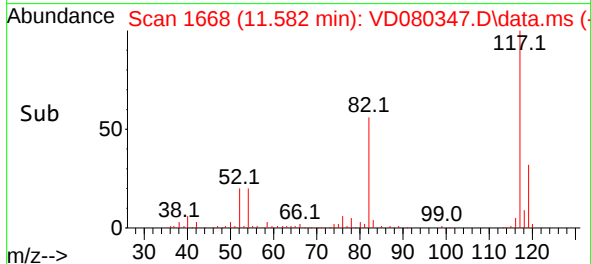
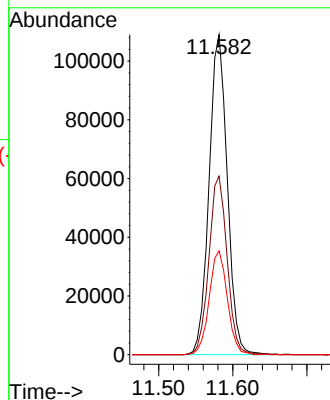
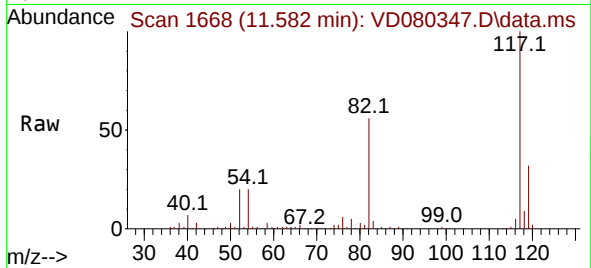




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080347.D
Acq: 15 May 2025 14:40

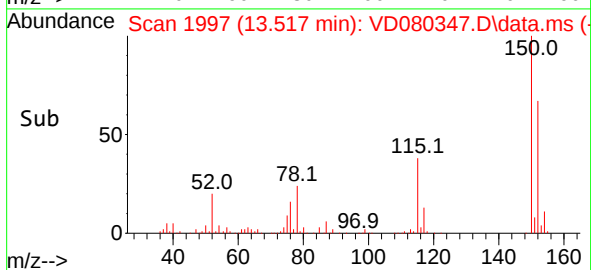
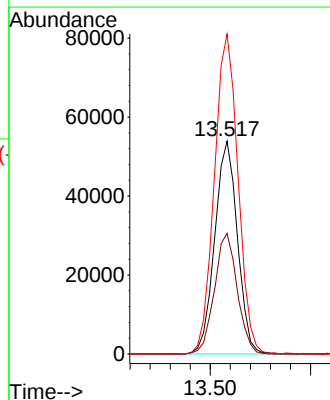
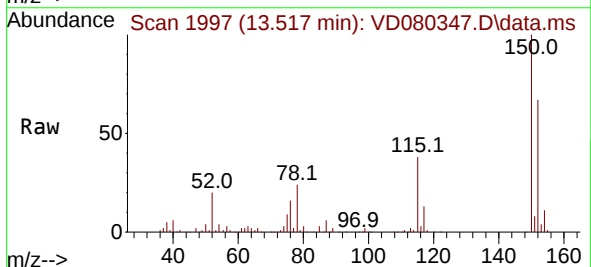
Instrument :
MSVOA_D
ClientSampleId :
L3-WC-1-VOC

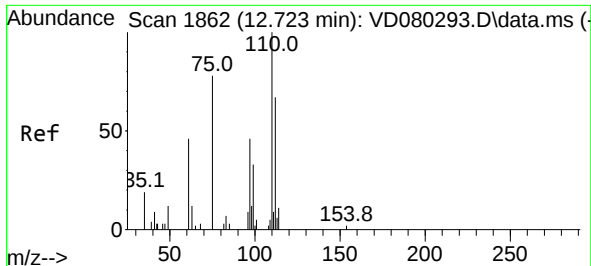
Tgt Ion:117 Resp: 186022
Ion Ratio Lower Upper
117 100
82 55.8 45.8 68.6
119 32.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.001 min
Lab File: VD080347.D
Acq: 15 May 2025 14:40

Tgt Ion:152 Resp: 84647
Ion Ratio Lower Upper
152 100
115 56.8 28.9 86.8
150 156.6 0.0 354.8

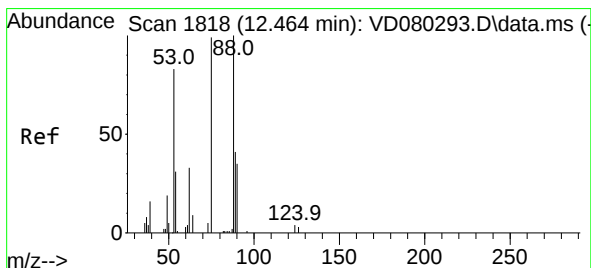
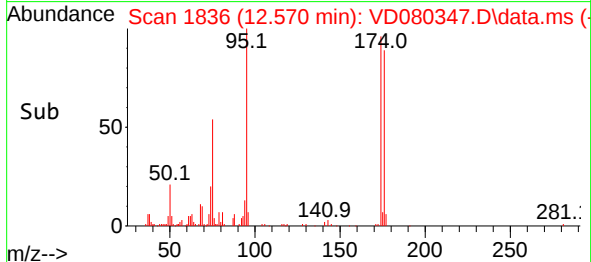
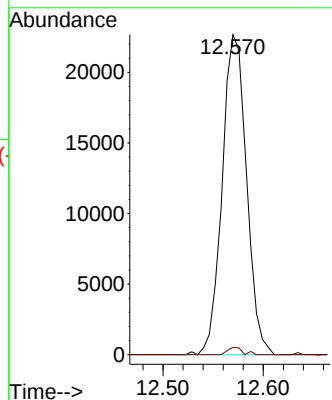
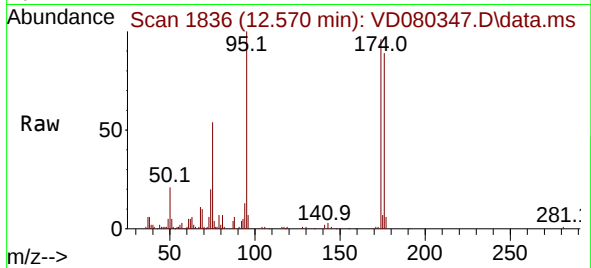




#76
1,2,3-Trichloropropane
Concen: 46.703 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.152 min
Lab File: VD080347.D
Acq: 15 May 2025 14:40

Instrument :
MSVOA_D
ClientSampleId :
L3-WC-1-VOC

Tgt Ion: 75 Resp: 38154
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.650 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.101 min
Lab File: VD080347.D
Acq: 15 May 2025 14:40

Tgt Ion: 75 Resp: 38154
Ion Ratio Lower Upper
75 100
53 0.5 68.7 103.1#
89 0.0 36.1 54.1#

