

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051525\
 Data File : VD080344.D
 Acq On : 15 May 2025 13:20
 Operator : RP/MD
 Sample : Q2024-01
 Misc : 5.11G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-051325

Quant Time: May 16 02:56:10 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)

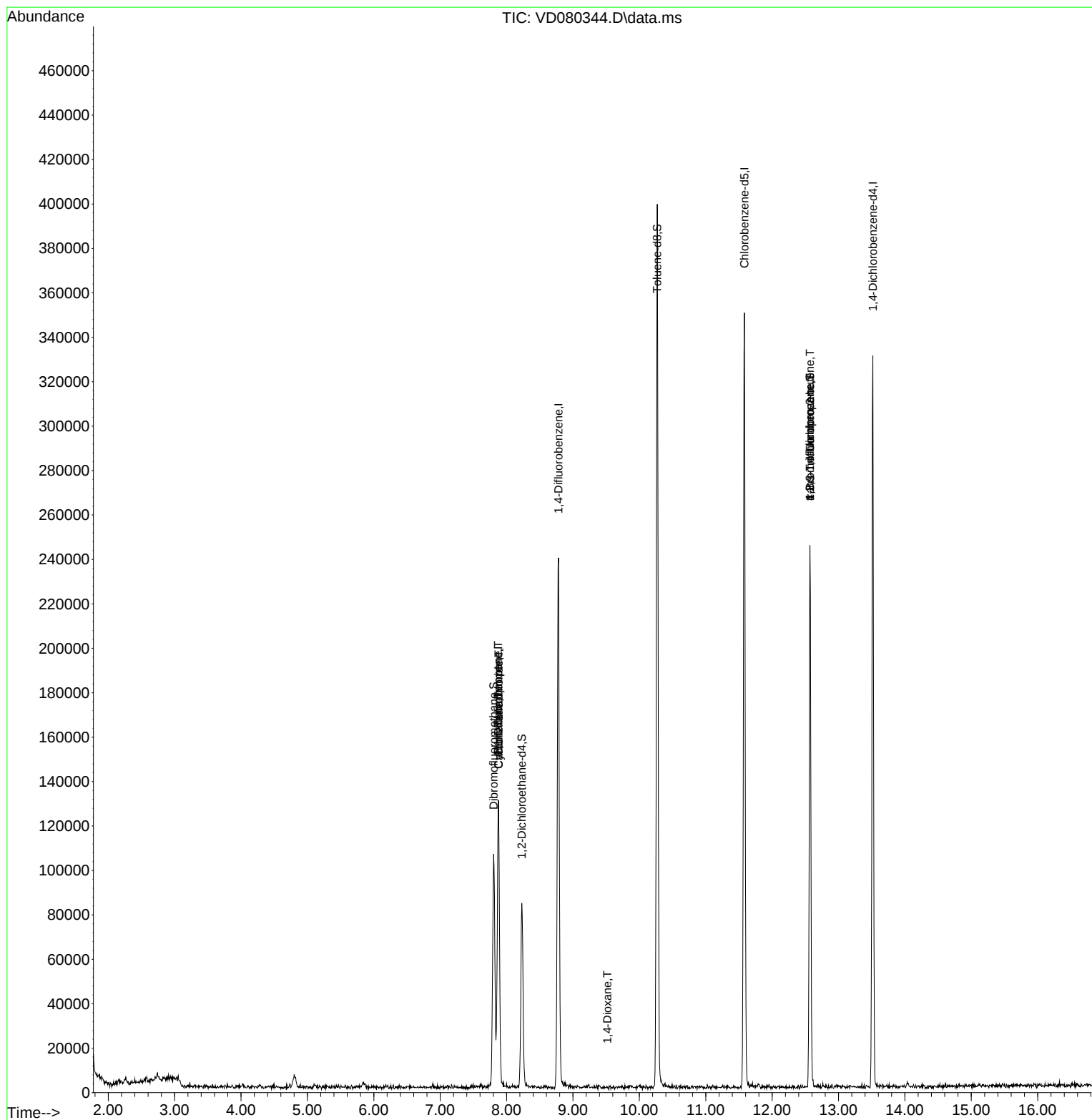
Internal Standards						
1) Pentafluorobenzene	7.876	168	95332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.782	114	204434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	195831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	85385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	65948	53.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.980%	
35) Dibromofluoromethane	7.805	113	73957	53.976	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.960%	
50) Toluene-d8	10.270	98	269779	49.971	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.940%	
62) 4-Bromofluorobenzene	12.570	95	76143	43.942	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.159	50	197	Below Cal	#	26
16) Acetone	4.041	43	1972	Below Cal		99
20) Methylene Chloride	4.800	84	3689	Below Cal	#	80
31) Cyclohexane	7.882	56	2731	1.364	ug/l #	41
36) 1,1-Dichloropropene	7.876	75	8276	4.041	ug/l #	48
38) Carbon Tetrachloride	7.882	117	9757	4.569	ug/l #	19
49) 1,4-Dioxane	9.517	88	57	5.351	ug/l #	1
76) 1,2,3-Trichloropropane	12.570	75	38721	46.987	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.570	75	38721	89.189	ug/l #	15

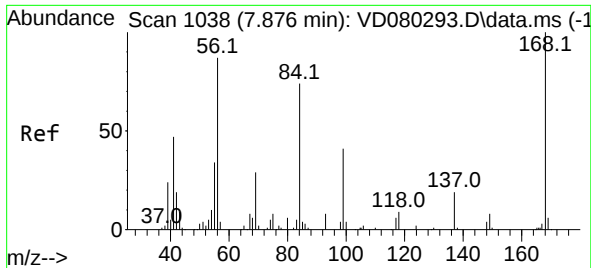
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 07 08:57:11 2025
Response via : Initial Calibration

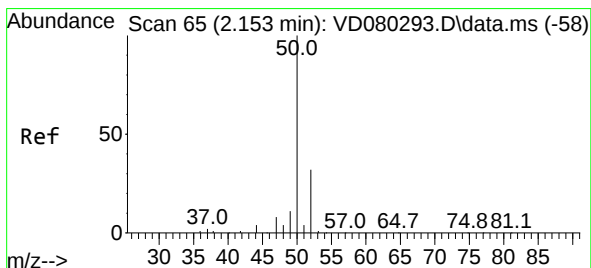
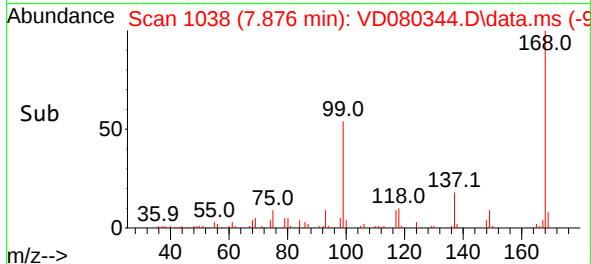
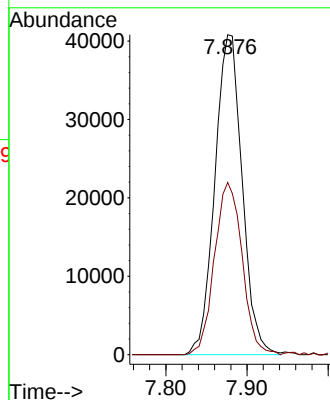
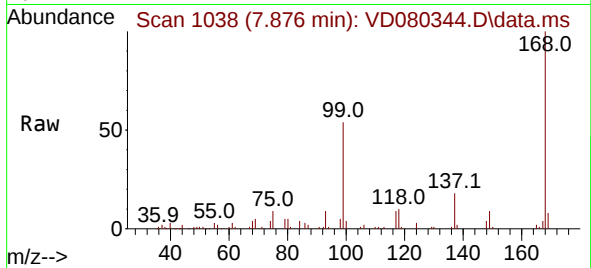




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080344.D
Acq: 15 May 2025 13:20

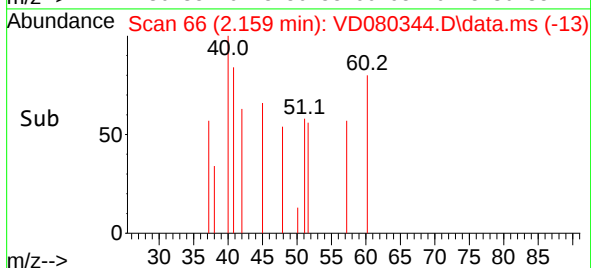
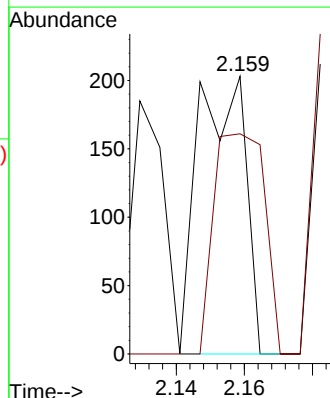
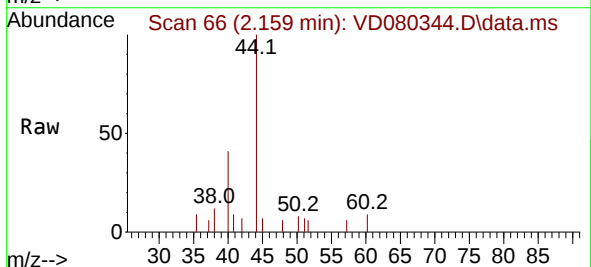
Instrument :
MSVOA_D
ClientSampleId :
PL-02-051325

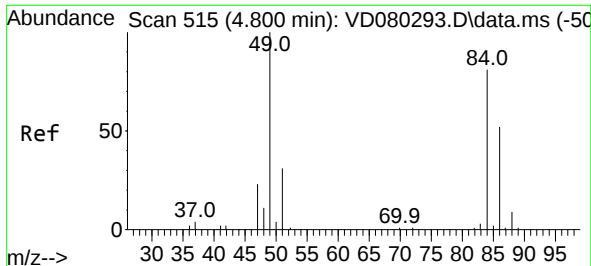
Tgt Ion:168 Resp: 95332
Ion Ratio Lower Upper
168 100
99 53.8 46.0 69.0



#3
Chloromethane
Concen: Below Cal
RT: 2.159 min Scan# 66
Delta R.T. 0.013 min
Lab File: VD080344.D
Acq: 15 May 2025 13:20

Tgt Ion: 50 Resp: 197
Ion Ratio Lower Upper
50 100
52 79.3 28.8 43.2#

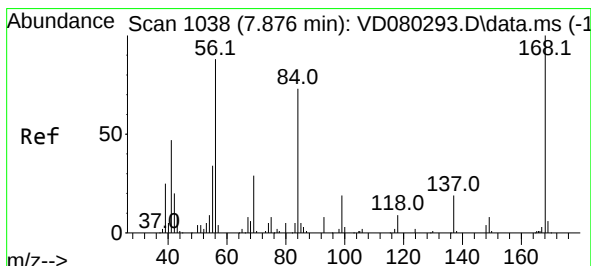
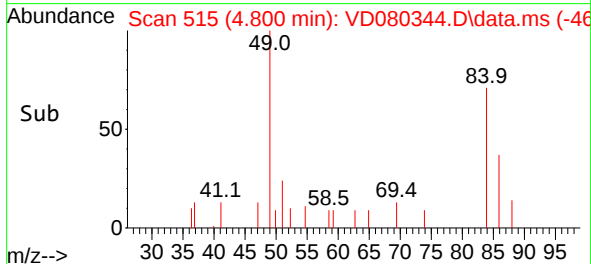
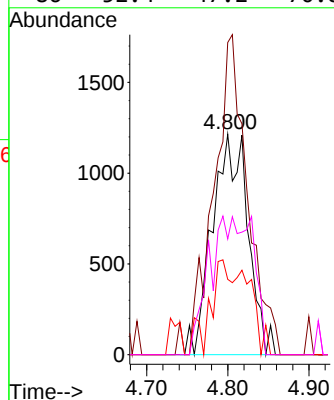
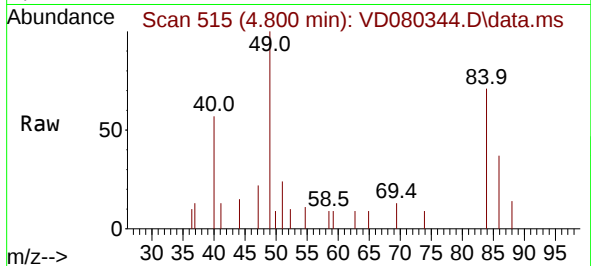




#20
Methylene Chloride
Concen: Below Cal
RT: 4.800 min Scan# 515
Delta R.T. -0.005 min
Lab File: VD080344.D
Acq: 15 May 2025 13:20

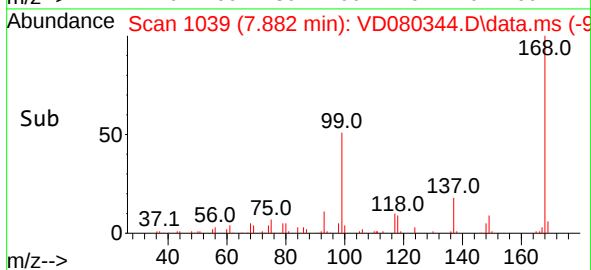
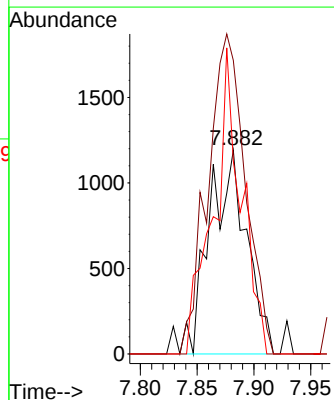
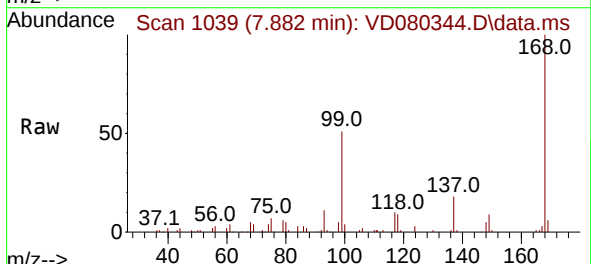
Instrument :
MSVOA_D
ClientSampleId :
PL-02-051325

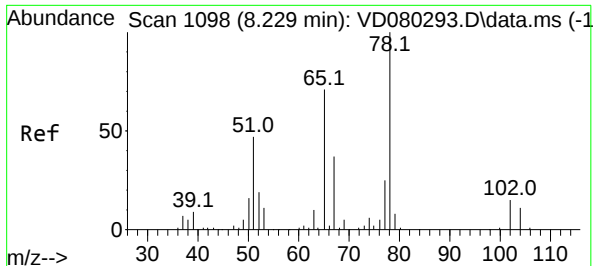
Tgt Ion:	84	Resp:	3689
Ion	Ratio	Lower	Upper
84	100		
49	141.6	86.5	129.7#
51	34.2	26.9	40.3
86	52.4	47.2	70.8



#31
Cyclohexane
Concen: 1.364 ug/l
RT: 7.882 min Scan# 1039
Delta R.T. 0.001 min
Lab File: VD080344.D
Acq: 15 May 2025 13:20

Tgt Ion:	56	Resp:	2731
Ion	Ratio	Lower	Upper
56	100		
69	144.0	27.3	40.9#
84	94.7	70.2	105.4





#33

1,2-Dichloroethane-d4

Concen: 53.494 ug/l

RT: 8.229 min Scan# 1109

Delta R.T. 0.001 min

Lab File: VD080344.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_D

ClientSampleId :

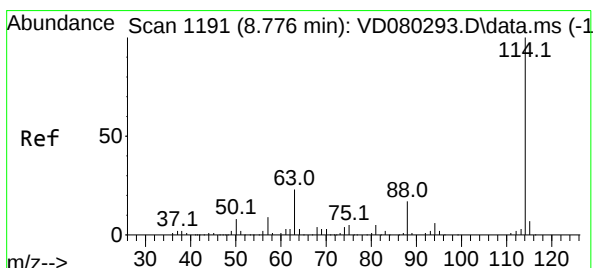
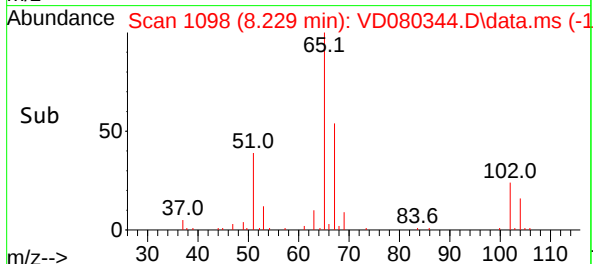
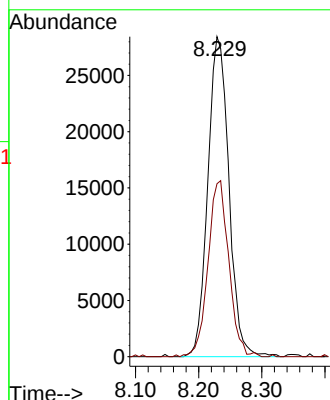
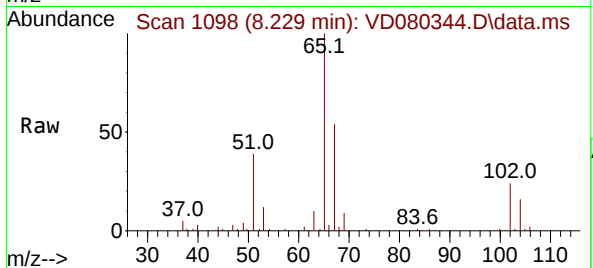
PL-02-051325

Tgt Ion: 65 Resp: 65948

Ion Ratio Lower Upper

65 100

67 54.5 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: VD080344.D

Acq: 15 May 2025 13:20

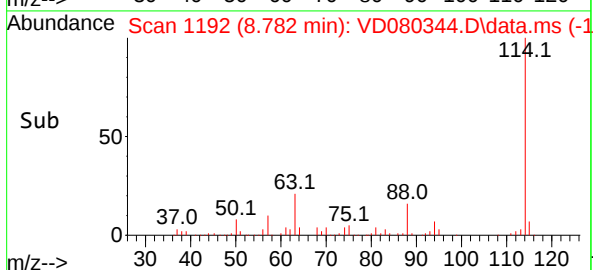
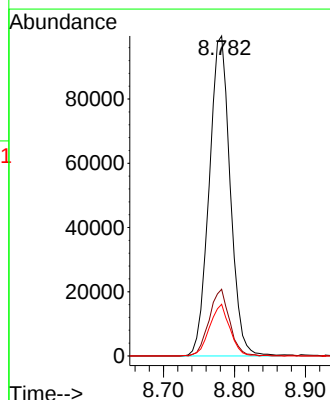
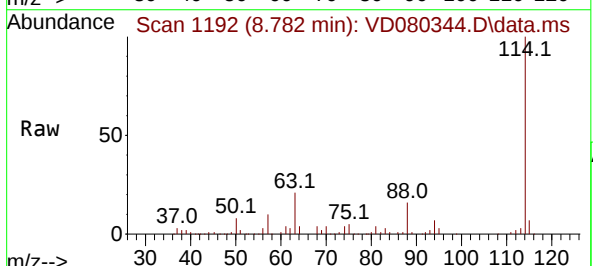
Tgt Ion: 114 Resp: 204434

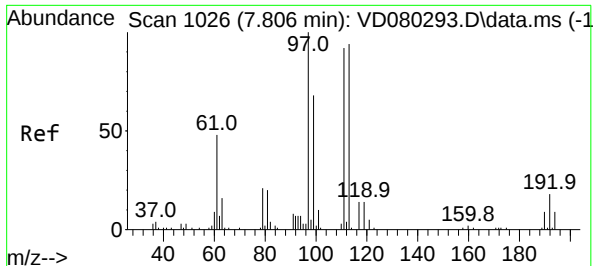
Ion Ratio Lower Upper

114 100

63 20.9 0.0 38.8

88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.976 ug/l

RT: 7.805 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VD080344.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_D

ClientSampleId :

PL-02-051325

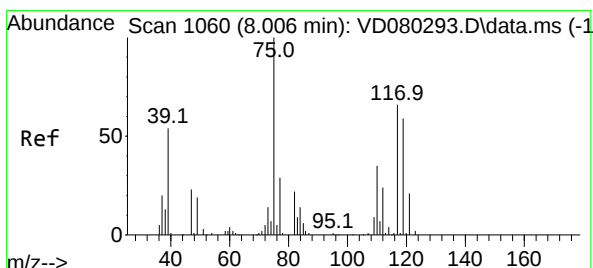
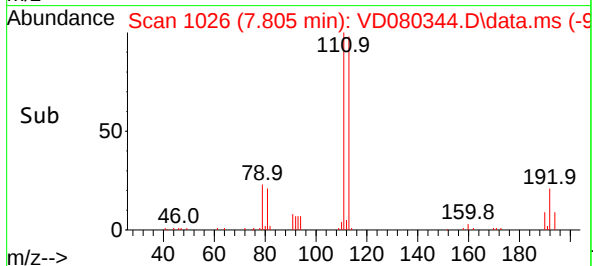
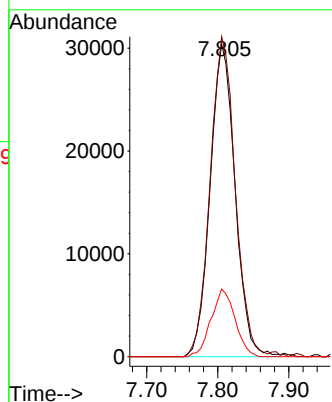
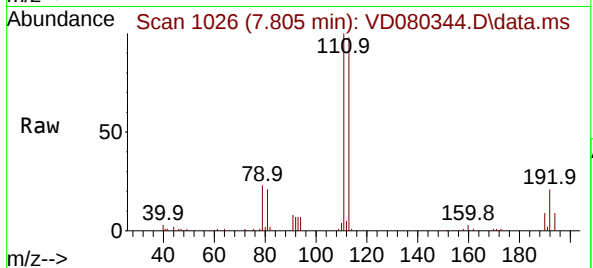
Tgt Ion:113 Resp: 73957

Ion Ratio Lower Upper

113 100

111 103.0 82.5 123.7

192 20.8 16.6 25.0



#36

1,1-Dichloropropene

Concen: 4.041 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. -0.129 min

Lab File: VD080344.D

Acq: 15 May 2025 13:20

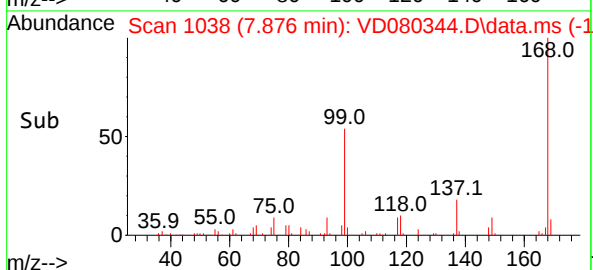
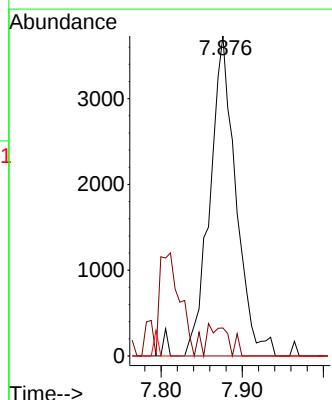
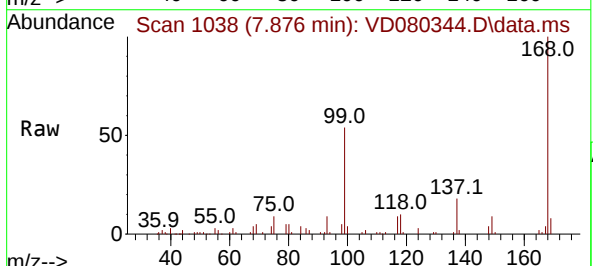
Tgt Ion: 75 Resp: 8276

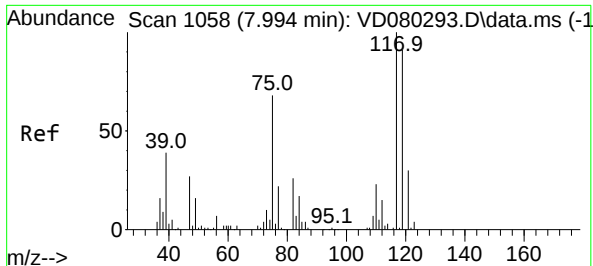
Ion Ratio Lower Upper

75 100

110 8.9 18.4 55.0#

77 0.0 25.6 38.4#

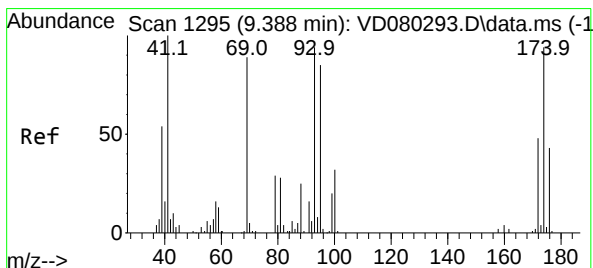
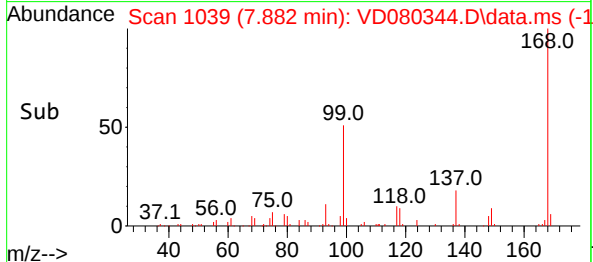
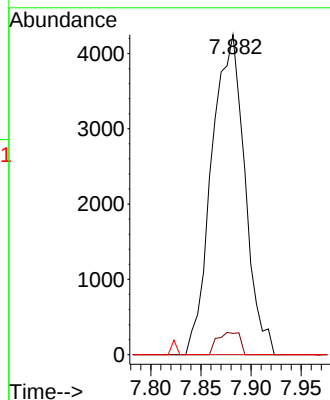
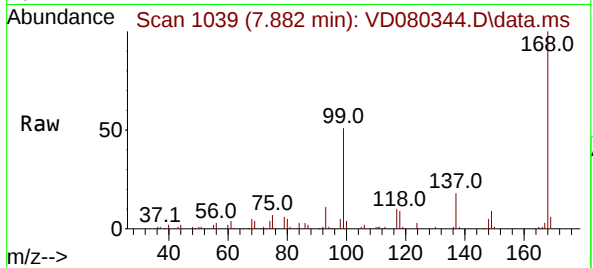




#38
Carbon Tetrachloride
Concen: 4.569 ug/l
RT: 7.882 min Scan# 1058
Delta R.T. -0.105 min
Lab File: VD080344.D
Acq: 15 May 2025 13:20

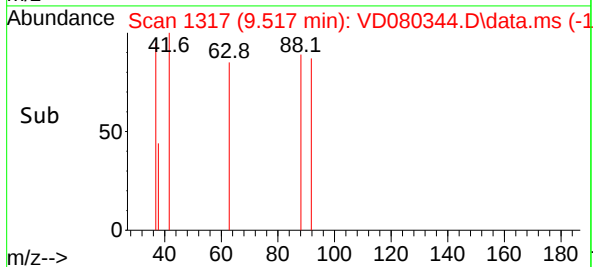
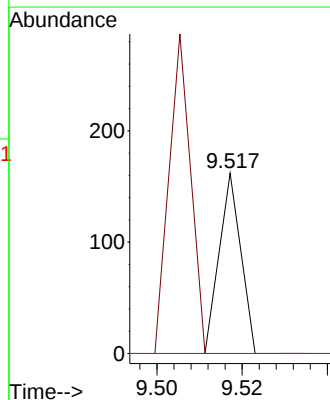
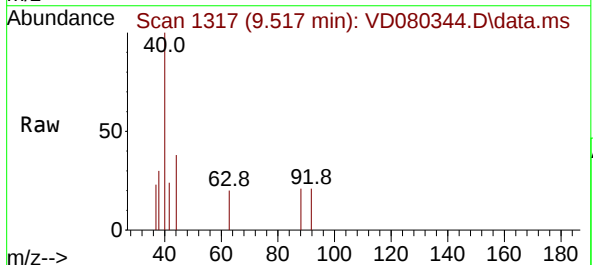
Instrument : MSVOA_D
ClientSampleId : PL-02-051325

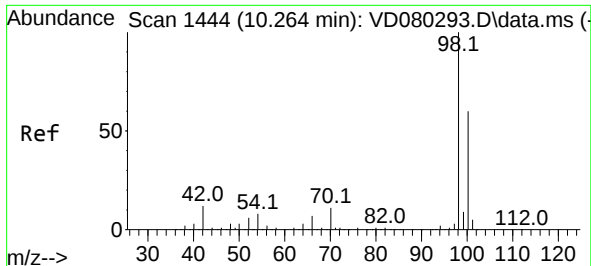
Tgt Ion:117 Resp: 9757
Ion Ratio Lower Upper
117 100
119 6.6 73.4 110.0#
121 0.0 24.5 36.7#



#49
1,4-Dioxane
Concen: 5.351 ug/l
RT: 9.517 min Scan# 1317
Delta R.T. 0.130 min
Lab File: VD080344.D
Acq: 15 May 2025 13:20

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 177.2 29.1 43.7#
58 0.0 59.9 89.9#

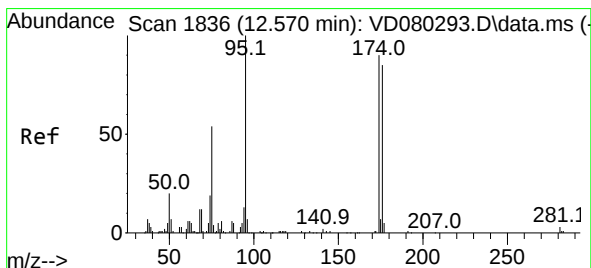
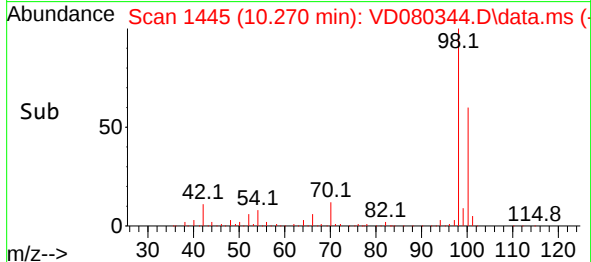
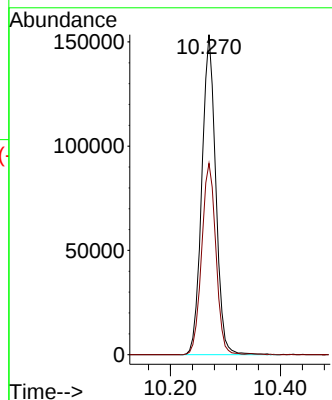
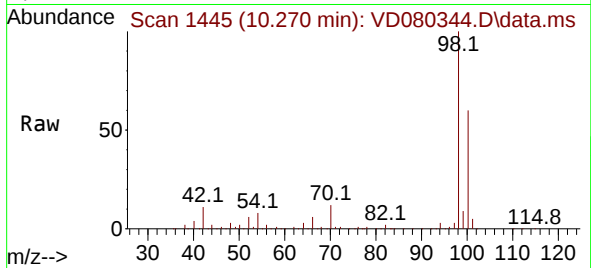




#50
Toluene-d8
Concen: 49.971 ug/l
RT: 10.270 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VD080344.D
Acq: 15 May 2025 13:20

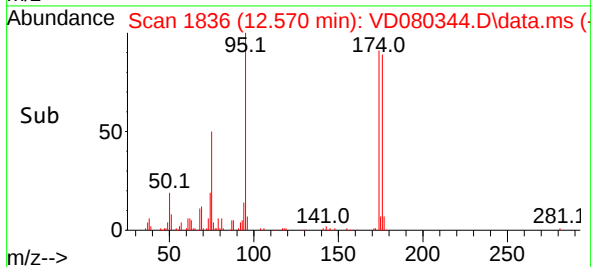
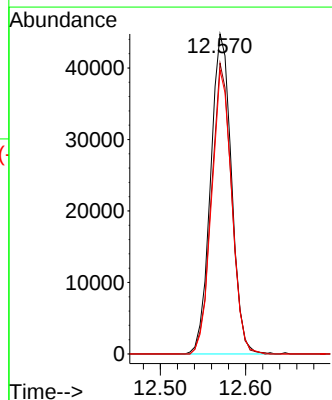
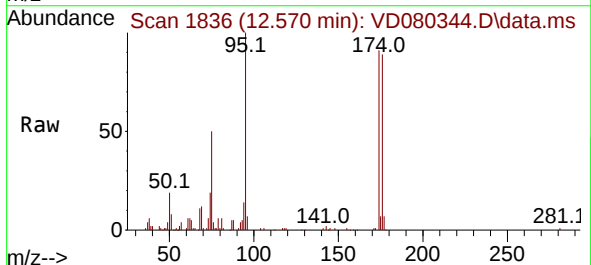
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PL-02-051325

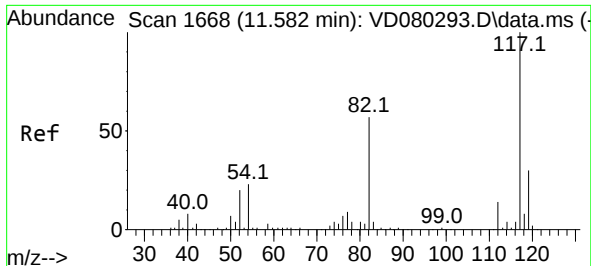
Tgt Ion: 98 Resp: 269779
Ion Ratio Lower Upper
98 100
100 61.0 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 43.942 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080344.D
Acq: 15 May 2025 13:20

Tgt Ion: 95 Resp: 76143
Ion Ratio Lower Upper
95 100
174 87.5 0.0 173.4
176 85.6 0.0 166.6

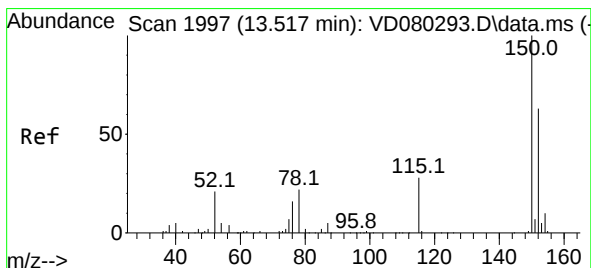
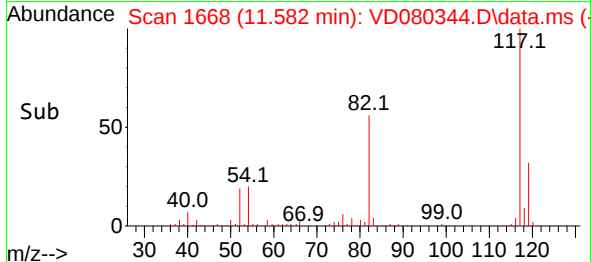
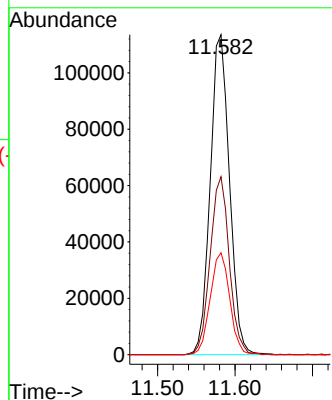
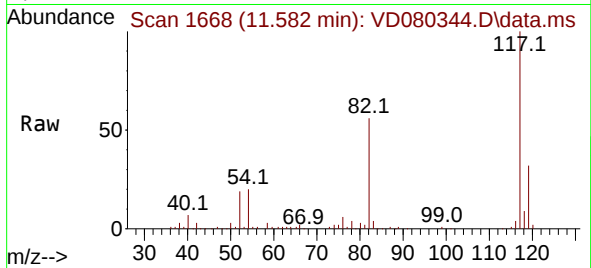




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD080344.D
Acq: 15 May 2025 13:20

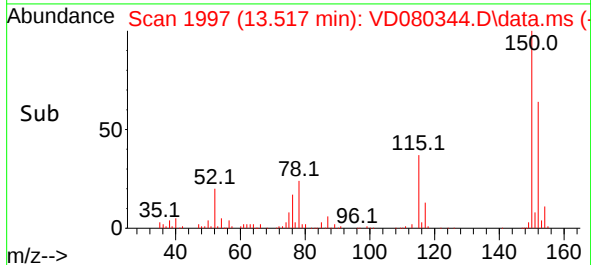
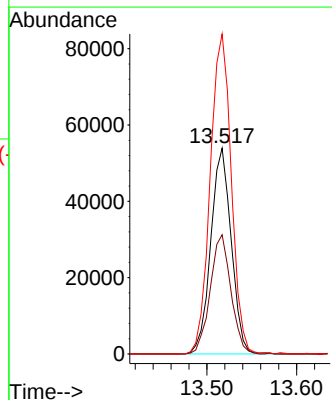
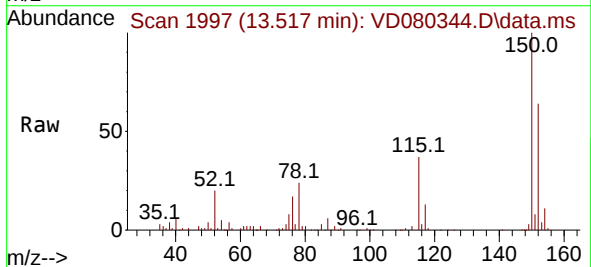
Instrument :
MSVOA_D
ClientSampleId :
PL-02-051325

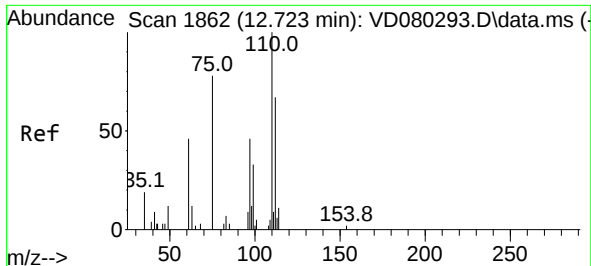
Tgt Ion:117 Resp: 195831
Ion Ratio Lower Upper
117 100
82 55.6 45.8 68.6
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.001 min
Lab File: VD080344.D
Acq: 15 May 2025 13:20

Tgt Ion:152 Resp: 85385
Ion Ratio Lower Upper
152 100
115 58.6 28.9 86.8
150 159.9 0.0 354.8

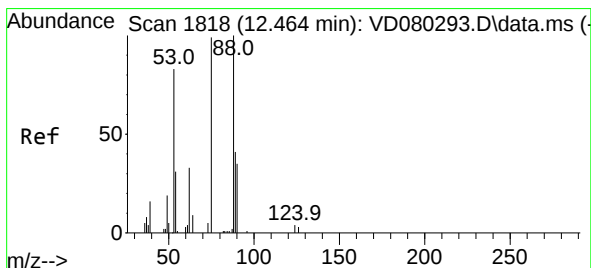
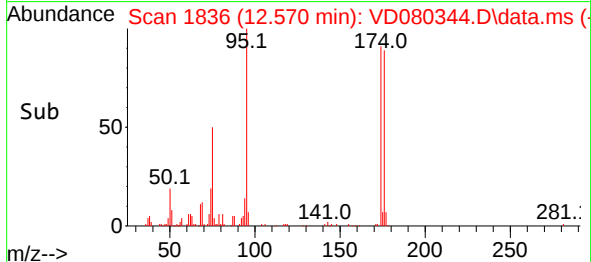
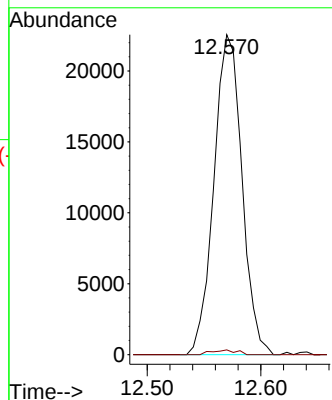
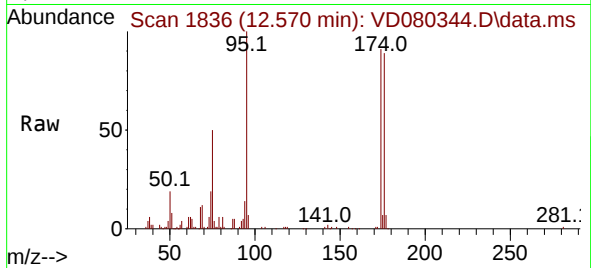




#76
1,2,3-Trichloropropane
Concen: 46.987 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.152 min
Lab File: VD080344.D
Acq: 15 May 2025 13:20

Instrument :
MSVOA_D
ClientSampleId :
PL-02-051325

Tgt Ion: 75 Resp: 38721
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.189 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.101 min
Lab File: VD080344.D
Acq: 15 May 2025 13:20

Tgt Ion: 75 Resp: 38721
Ion Ratio Lower Upper
75 100
53 0.7 68.7 103.1#
89 0.0 36.1 54.1#

