

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062625\
 Data File : VD080480.D
 Acq On : 26 Jun 2025 14:04
 Operator : RP/MD
 Sample : VD0626SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0626SBL01

Quant Time: Jun 27 05:27:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:16:36 2025
 Response via : Initial Calibration

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

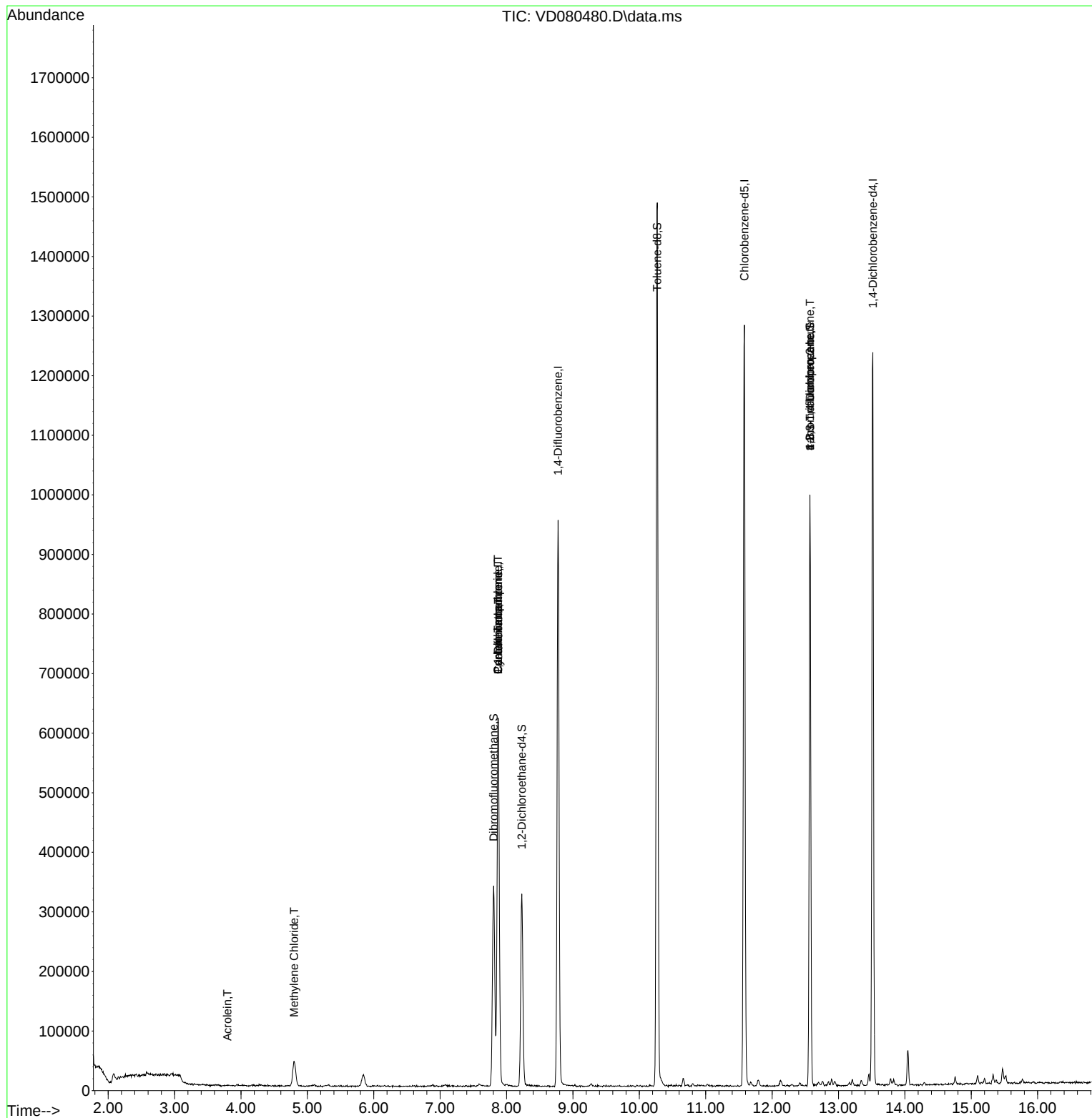
Internal Standards						
1) Pentafluorobenzene	7.876	168	486923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	884031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	760174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	344753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	249420	52.250	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.500%	
35) Dibromofluoromethane	7.806	113	260844	52.693	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.380%	
50) Toluene-d8	10.270	98	1068991	53.455	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.900%	
62) 4-Bromofluorobenzene	12.570	95	348756	53.187	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.380%	
Target Compounds						
					Qvalue	
13) Acrolein	3.794	56	2082	3.931	ug/l #	69
20) Methylene Chloride	4.800	84	33524	2.002	ug/l	94
31) Cyclohexane	7.876	56	11621	1.097	ug/l #	1
36) 1,1-Dichloropropene	7.870	75	38530	4.984	ug/l #	47
38) Carbon Tetrachloride	7.870	117	49798	6.742	ug/l #	16
76) 1,2,3-Trichloropropane	12.570	75	168651	57.548	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.570	75	168651	85.516	ug/l #	19

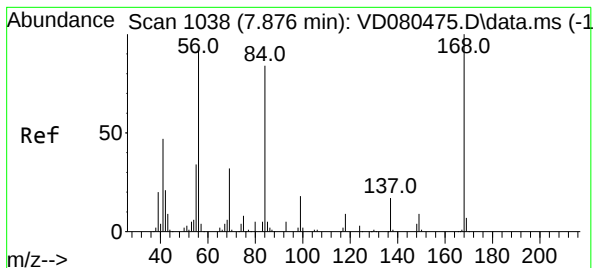
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0626SBL01

Quant Time: Jun 27 05:27:08 2025
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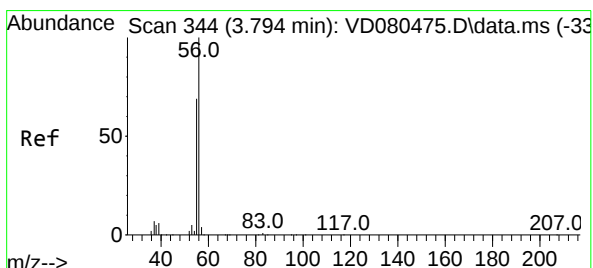
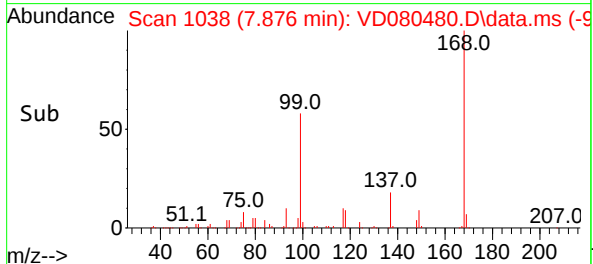
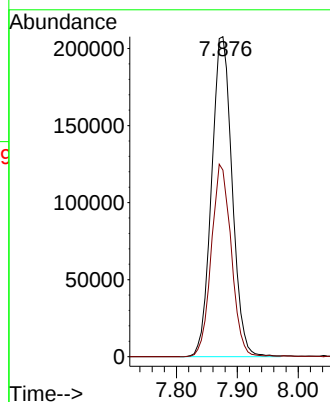
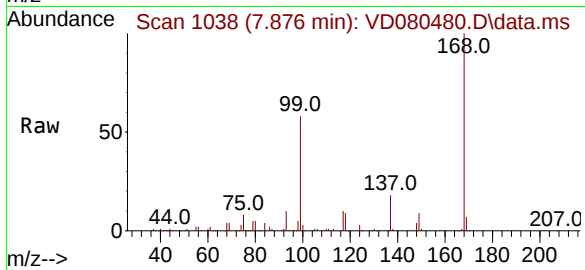




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080480.D
Acq: 26 Jun 2025 14:04

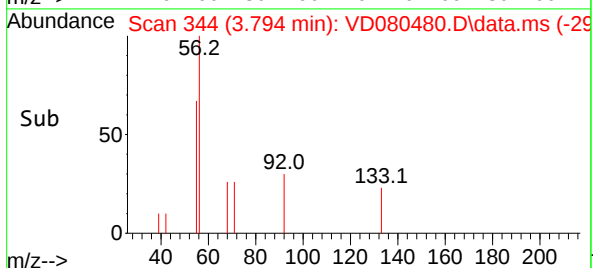
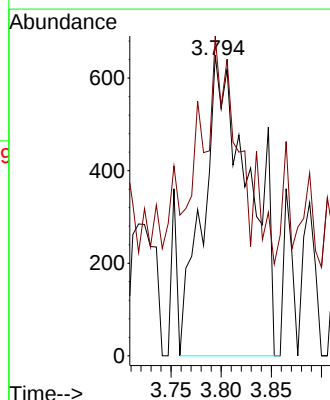
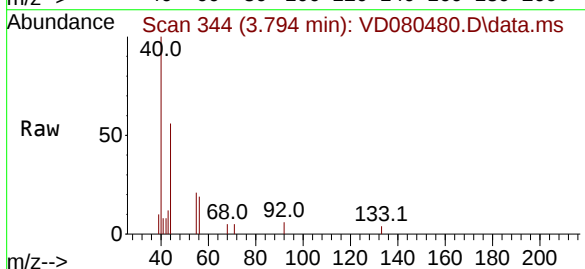
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBL01

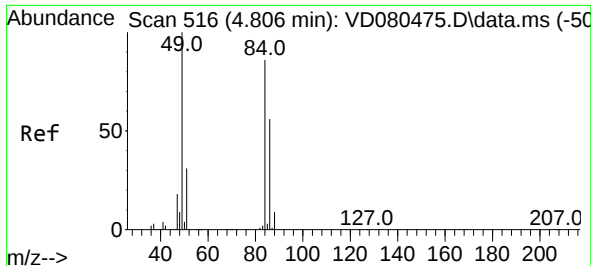
Tgt Ion:168 Resp: 486923
Ion Ratio Lower Upper
168 100
99 58.3 45.8 68.8



#13
Acrolein
Concen: 3.931 ug/l
RT: 3.794 min Scan# 344
Delta R.T. 0.000 min
Lab File: VD080480.D
Acq: 26 Jun 2025 14:04

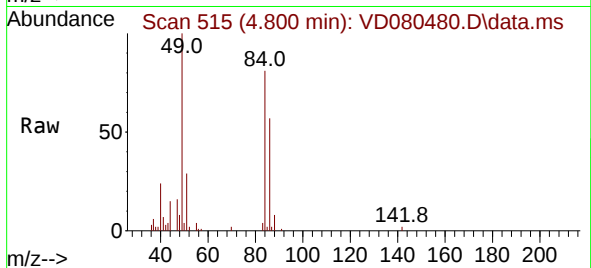
Tgt Ion: 56 Resp: 2082
Ion Ratio Lower Upper
56 100
55 44.6 56.2 84.2#



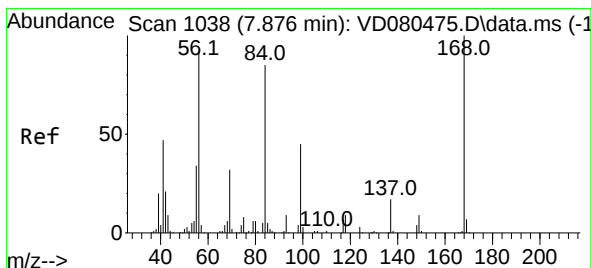
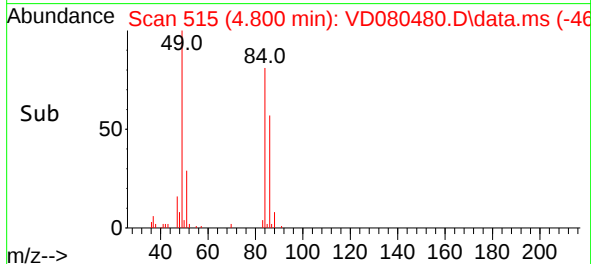
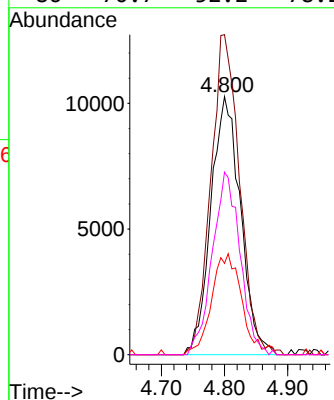


#20
Methylene Chloride
Concen: 2.002 ug/l
RT: 4.800 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD080480.D
Acq: 26 Jun 2025 14:04

Instrument :
MSVOA_D
ClientSampleId :
VD0626SBL01

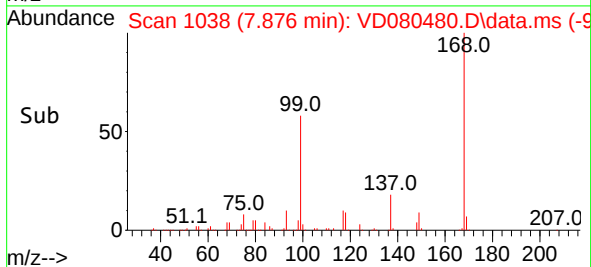
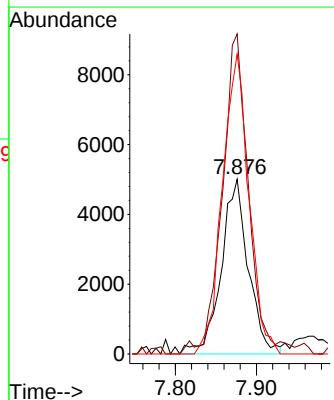
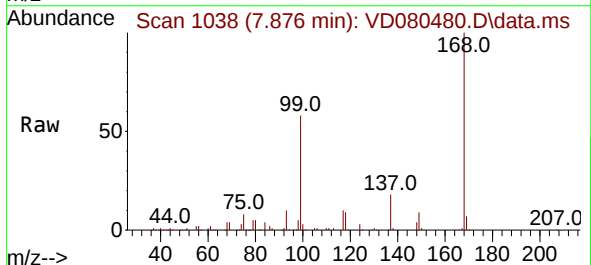


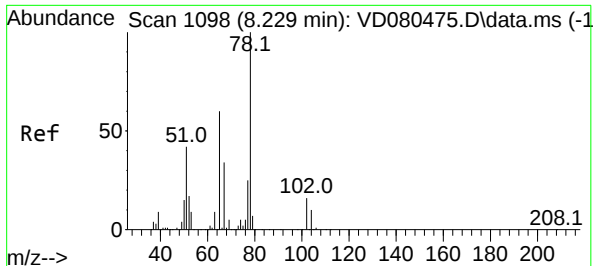
Tgt Ion:	84	Resp:	33524
Ion	Ratio	Lower	Upper
84	100		
49	124.0	92.8	139.2
51	35.4	29.0	43.6
86	70.7	52.2	78.2



#31
Cyclohexane
Concen: 1.097 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080480.D
Acq: 26 Jun 2025 14:04

Tgt Ion:	56	Resp:	11621
Ion	Ratio	Lower	Upper
56	100		
69	183.1	28.1	42.1#
84	171.5	73.7	110.5#





#33

1,2-Dichloroethane-d4

Concen: 52.250 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VD080480.D

Acq: 26 Jun 2025 14:04

Instrument :

MSVOA_D

ClientSampleId :

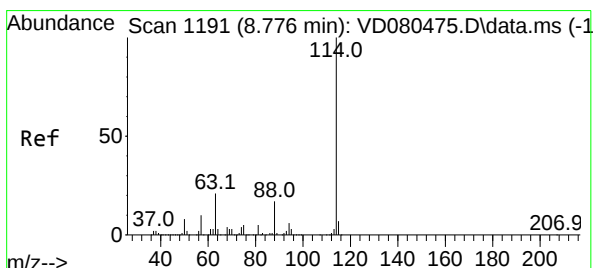
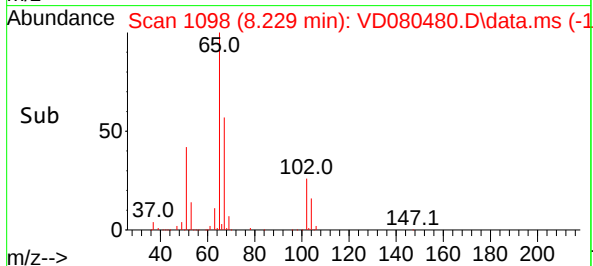
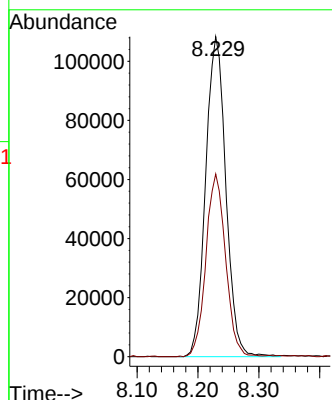
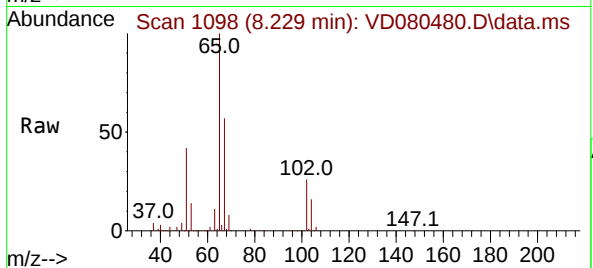
VD0626SBL01

Tgt Ion: 65 Resp: 249420

Ion Ratio Lower Upper

65 100

67 55.6 0.0 113.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080480.D

Acq: 26 Jun 2025 14:04

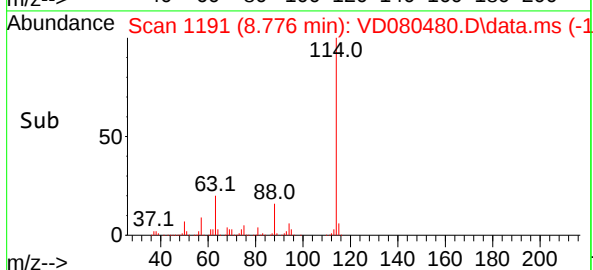
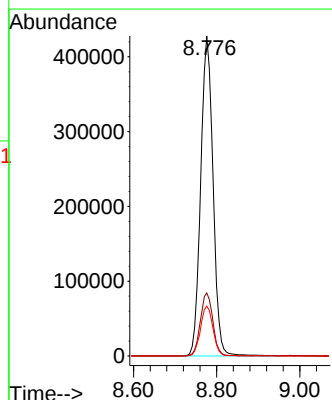
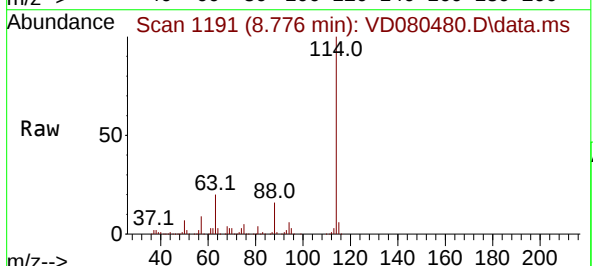
Tgt Ion: 114 Resp: 884031

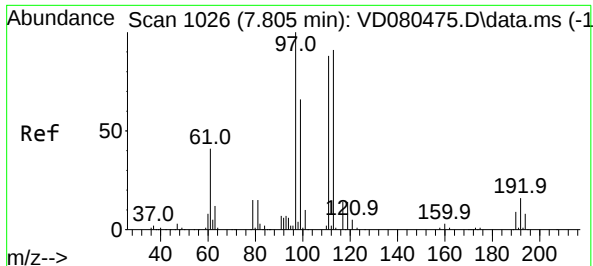
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.0

88 15.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 52.693 ug/l

RT: 7.806 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VD080480.D

Acq: 26 Jun 2025 14:04

Instrument :

MSVOA_D

ClientSampleId :

VD0626SBL01

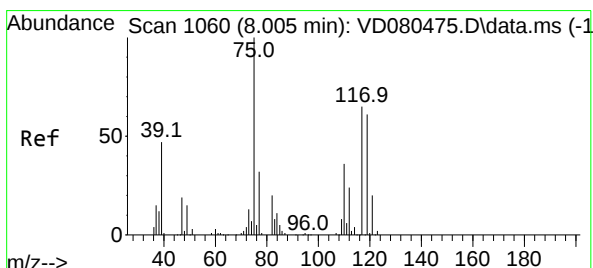
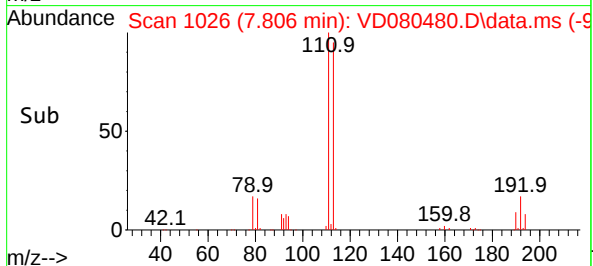
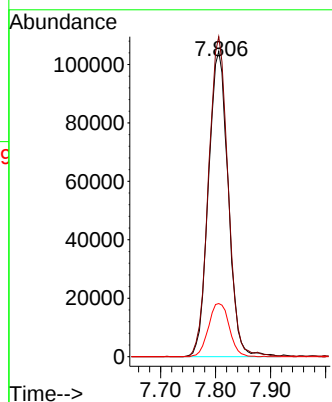
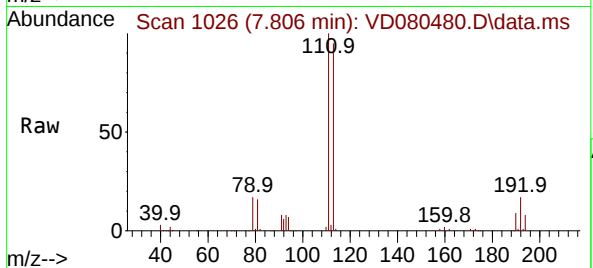
Tgt Ion:113 Resp: 260844

Ion Ratio Lower Upper

113 100

111 103.7 82.5 123.7

192 18.3 15.0 22.6



#36

1,1-Dichloropropene

Concen: 4.984 ug/l

RT: 7.870 min Scan# 1037

Delta R.T. -0.135 min

Lab File: VD080480.D

Acq: 26 Jun 2025 14:04

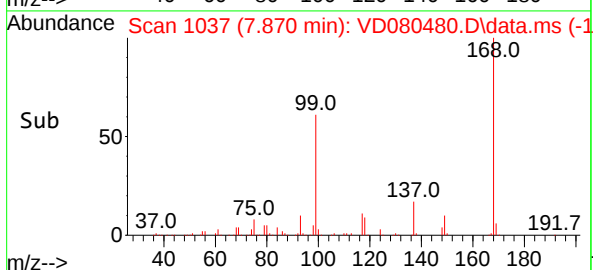
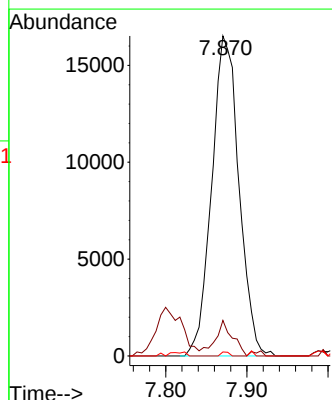
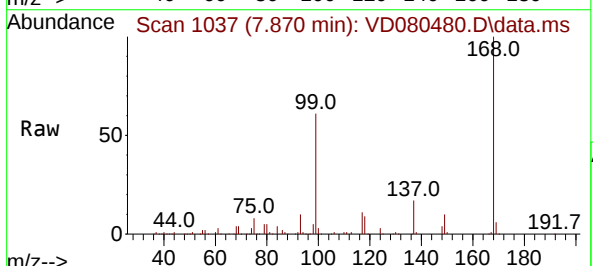
Tgt Ion: 75 Resp: 38530

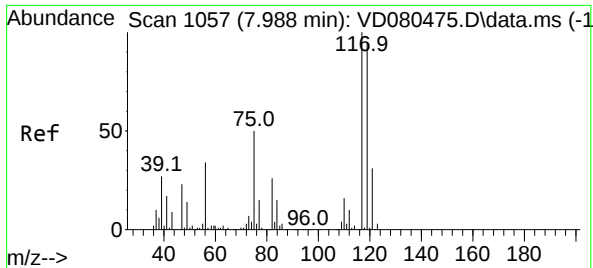
Ion Ratio Lower Upper

75 100

110 7.1 18.2 54.6#

77 0.4 25.2 37.8#

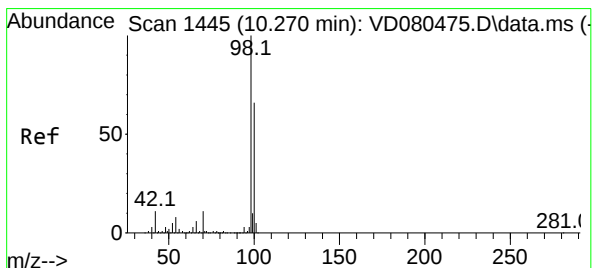
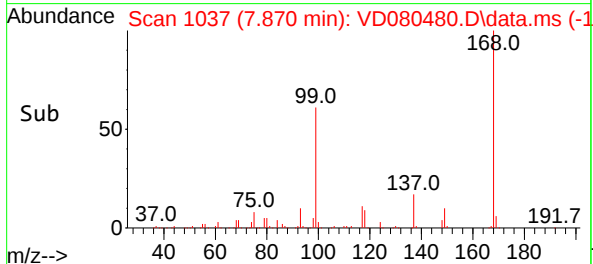
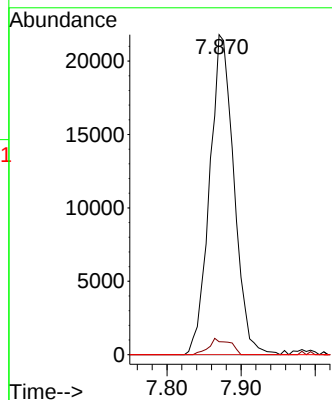
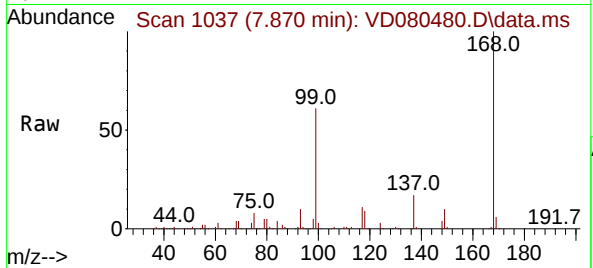




#38
Carbon Tetrachloride
Concen: 6.742 ug/l
RT: 7.870 min Scan# 1057
Delta R.T. -0.117 min
Lab File: VD080480.D
Acq: 26 Jun 2025 14:04

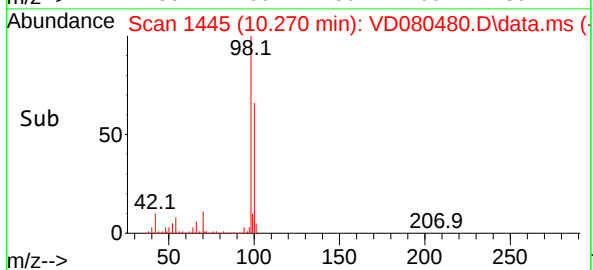
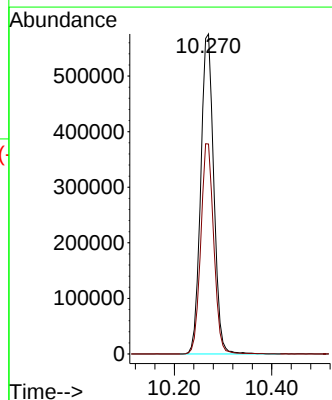
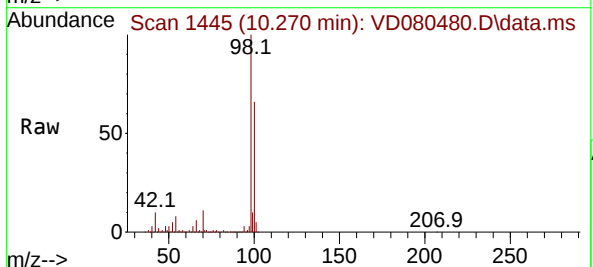
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBL01

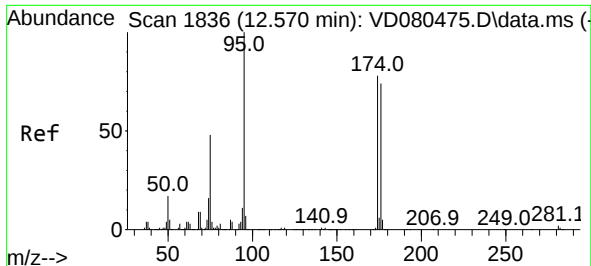
Tgt Ion:117 Resp: 49798
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.6#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 53.455 ug/l
RT: 10.270 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VD080480.D
Acq: 26 Jun 2025 14:04

Tgt Ion: 98 Resp: 1068991
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4

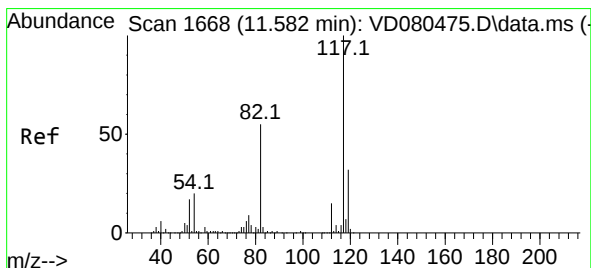
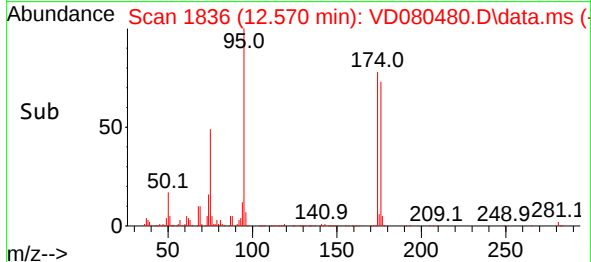
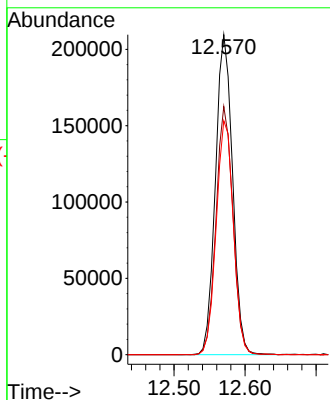
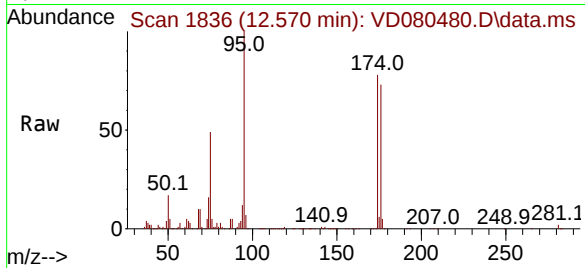




#62
4-Bromofluorobenzene
Concen: 53.187 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080480.D
Acq: 26 Jun 2025 14:04

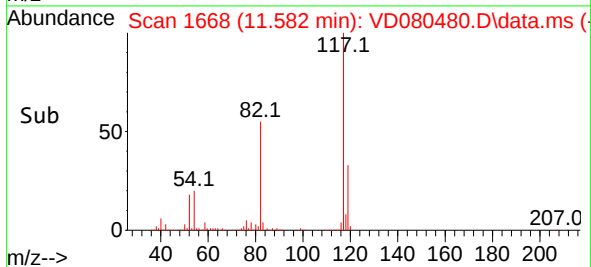
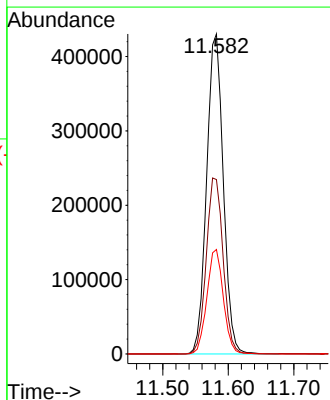
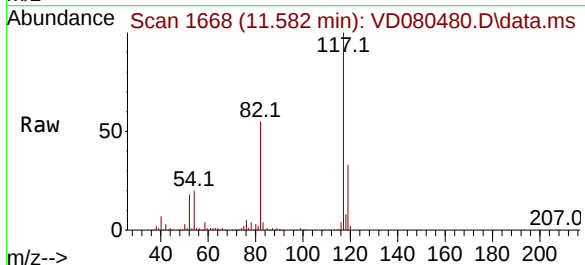
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBL01

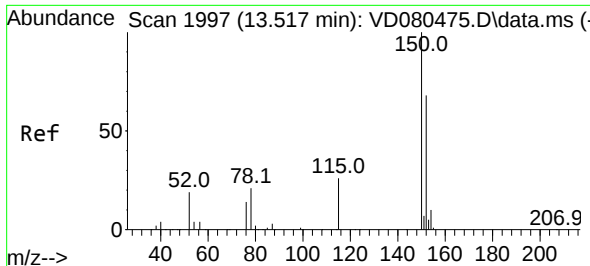
Tgt Ion: 95 Resp: 348756
Ion Ratio Lower Upper
95 100
174 76.8 0.0 154.0
176 73.6 0.0 149.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD080480.D
Acq: 26 Jun 2025 14:04

Tgt Ion: 117 Resp: 760174
Ion Ratio Lower Upper
117 100
82 54.5 43.7 65.5
119 32.6 25.8 38.6

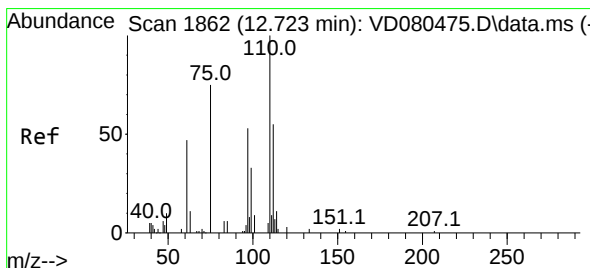
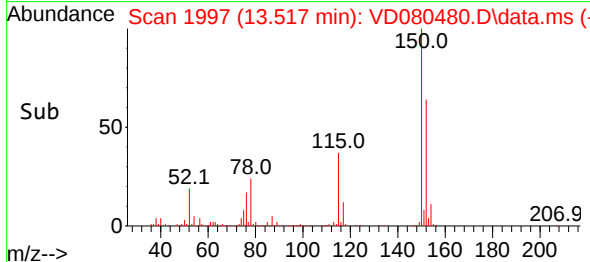
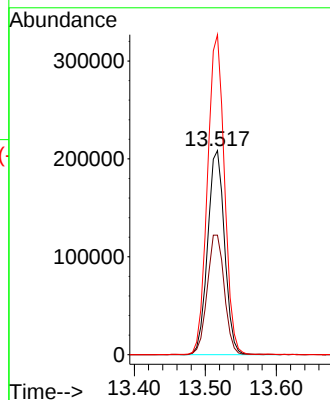
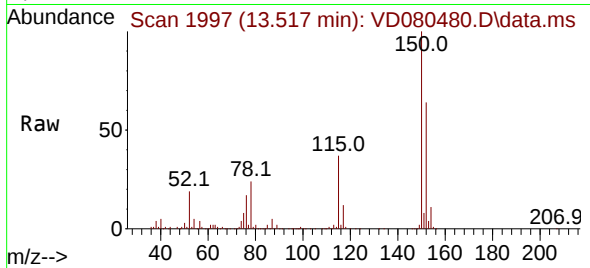




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.517 min Scan# 1997
 Delta R.T. 0.000 min
 Lab File: VD080480.D
 Acq: 26 Jun 2025 14:04

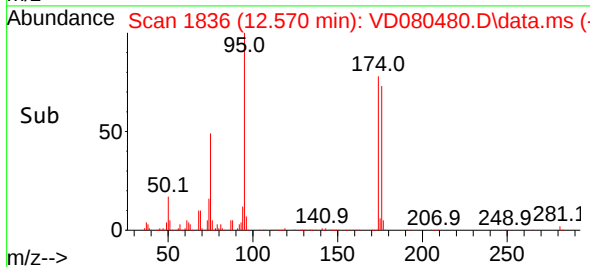
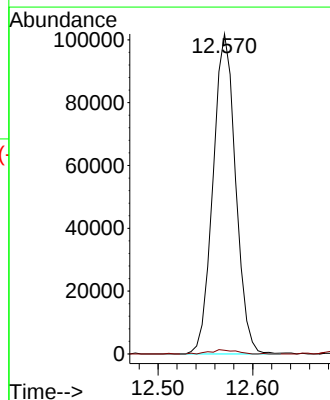
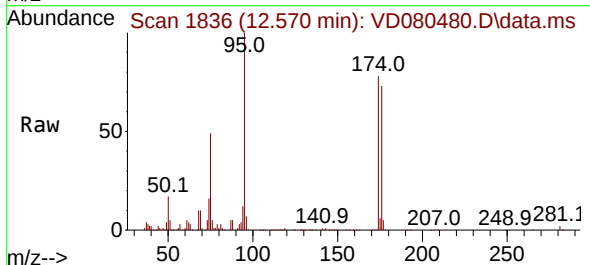
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0626SBL01

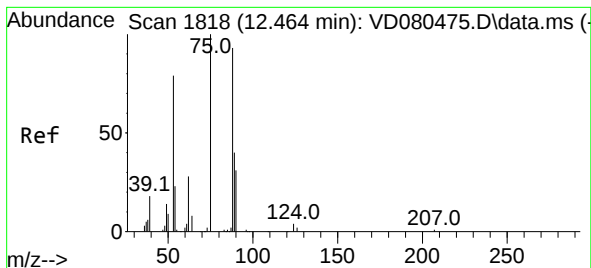
Tgt Ion:152 Resp: 344753
 Ion Ratio Lower Upper
 152 100
 115 59.6 30.2 90.6
 150 157.4 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 57.548 ug/l
 RT: 12.570 min Scan# 1836
 Delta R.T. -0.153 min
 Lab File: VD080480.D
 Acq: 26 Jun 2025 14:04

Tgt Ion: 75 Resp: 168651
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.516 ug/l
 RT: 12.570 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD080480.D
 Acq: 26 Jun 2025 14:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0626SBL01

Tgt Ion: 75 Resp: 168651
 Ion Ratio Lower Upper
 75 100
 53 0.1 61.5 92.3#
 89 0.0 33.0 49.6#

