

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111824\
 Data File : VD080075.D
 Acq On : 18 Nov 2024 18:00
 Operator : RP/MD
 Sample : P4860-04
 Misc : 6.28G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 04:50:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

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

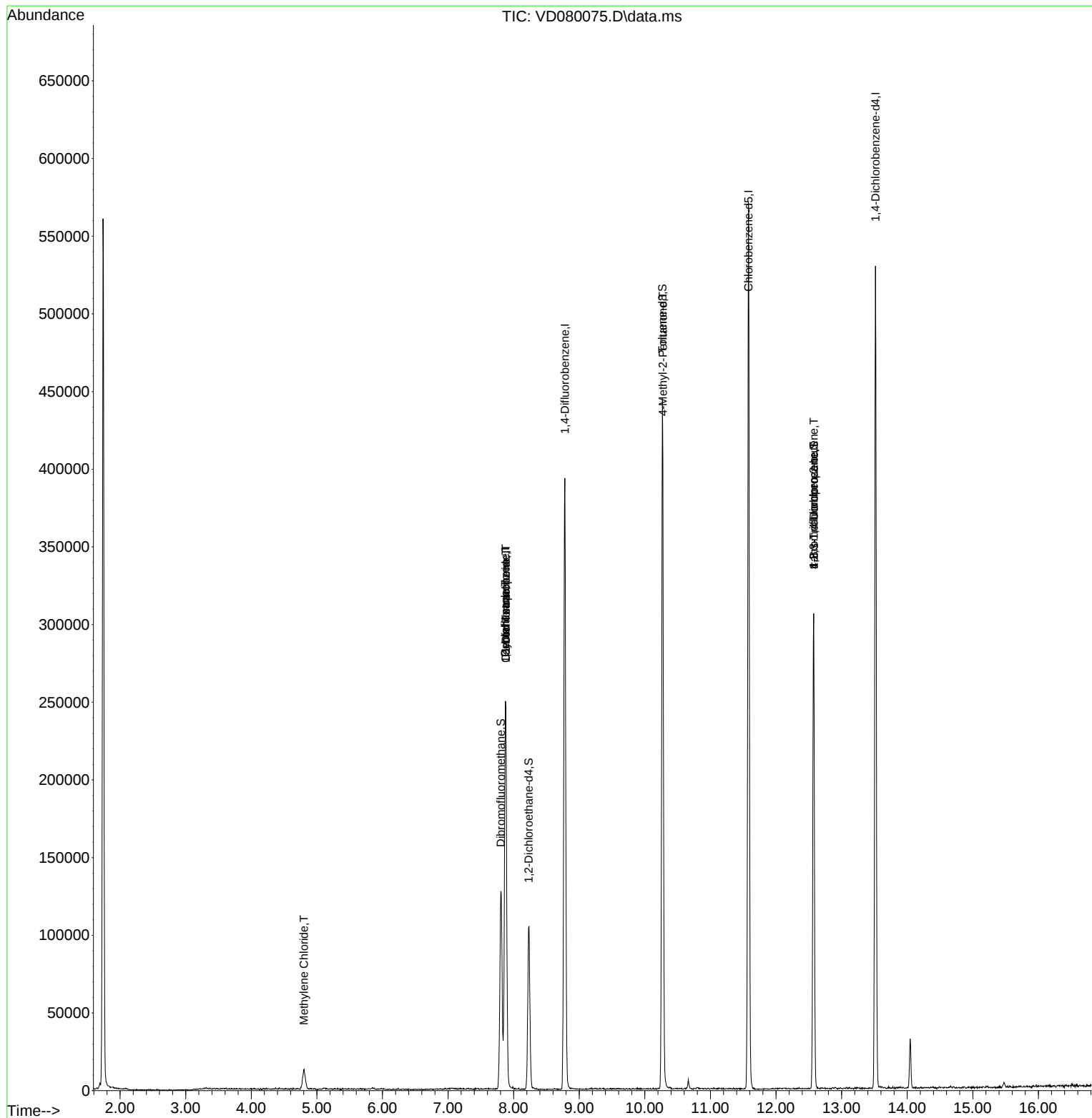
Internal Standards						
1) Pentafluorobenzene	7.875	168	207332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	367976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	326426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	150989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	84545	39.605	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.220%
35) Dibromofluoromethane	7.804	113	94139	38.440	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.880%
50) Toluene-d8	10.269	98	314551	34.078	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	68.160%
62) 4-Bromofluorobenzene	12.575	95	92979	30.703	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	61.400%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.805	84	9370	3.772	ug/l	91
31) Cyclohexane	7.875	56	4587	1.320	ug/l #	52
36) 1,1-Dichloropropene	7.881	75	15643	4.671	ug/l #	50
38) Carbon Tetrachloride	7.881	117	19433	5.311	ug/l #	19
51) 4-Methyl-2-Pentanone	10.275	43	1383	1.045	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	45212	33.911	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	45212	69.403	ug/l #	15

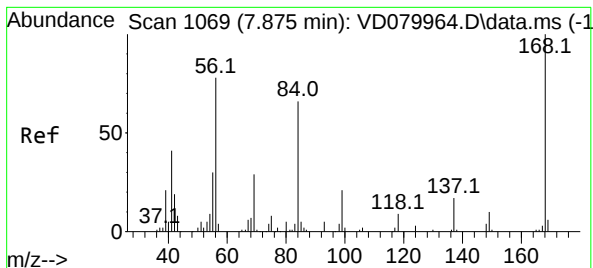
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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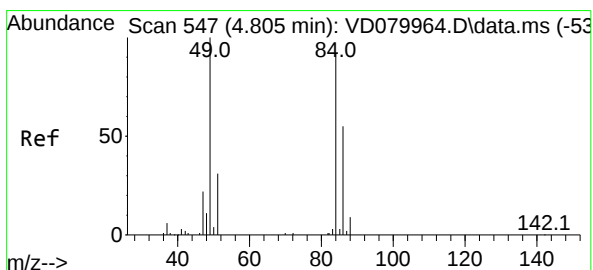
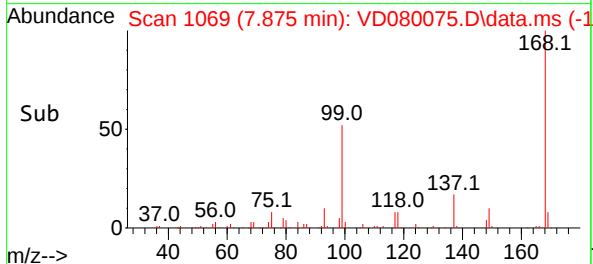
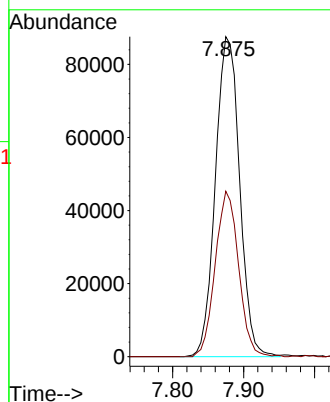
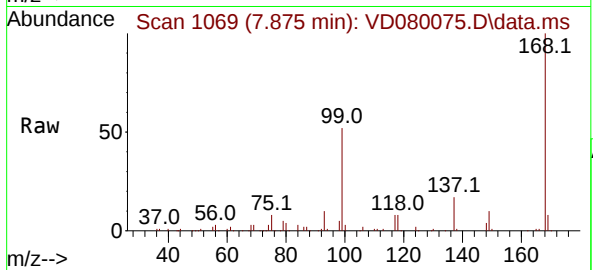




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD080075.D
Acq: 18 Nov 2024 18:00

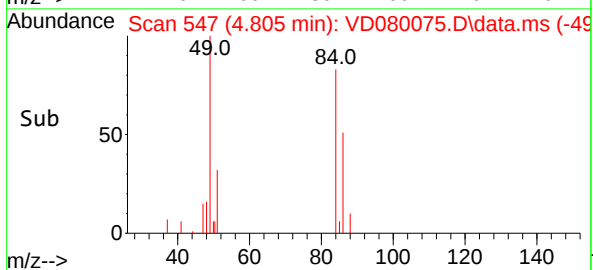
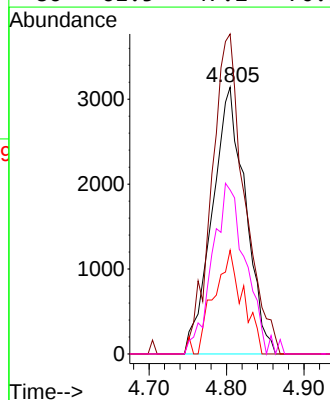
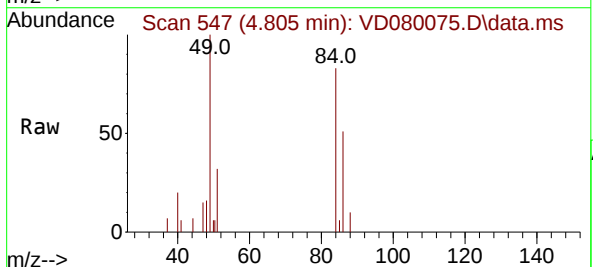
Instrument :
MSVOA_D
ClientSampleId :

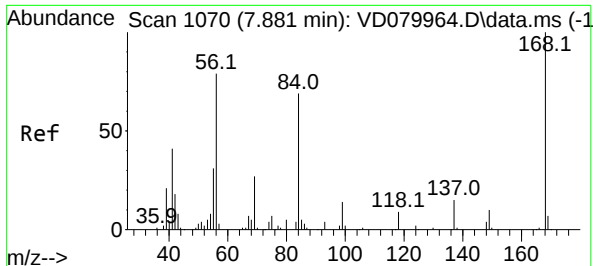
Tgt Ion:168 Resp: 207332
Ion Ratio Lower Upper
168 100
99 51.7 46.0 69.0



#20
Methylene Chloride
Concen: 3.772 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD080075.D
Acq: 18 Nov 2024 18:00

Tgt Ion: 84 Resp: 9370
Ion Ratio Lower Upper
84 100
49 120.0 86.5 129.7
51 38.9 26.9 40.3
86 61.5 47.2 70.8





#31

Cyclohexane

Concen: 1.320 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

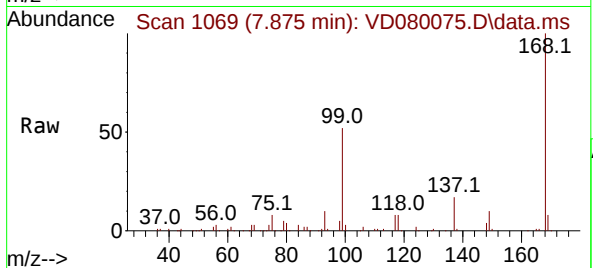
Lab File: VD080075.D

Acq: 18 Nov 2024 18:00

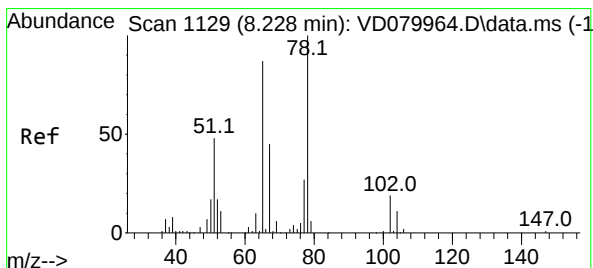
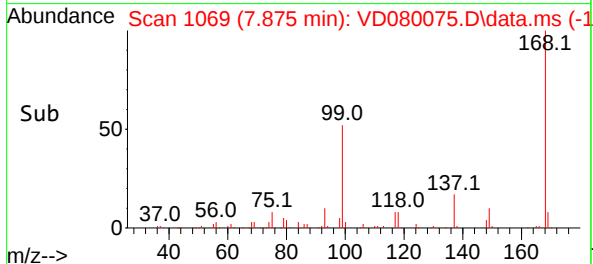
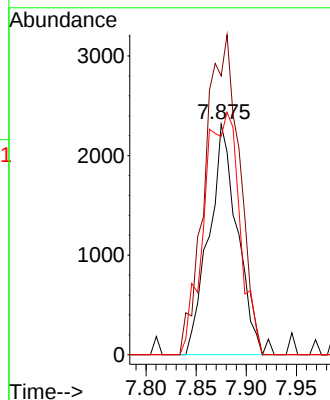
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	56	Resp:	4587
Ion Ratio	Lower	Upper	
56	100		
69	121.0	27.3	40.9#
84	94.7	70.2	105.4



#33

1,2-Dichloroethane-d4

Concen: 39.605 ug/l

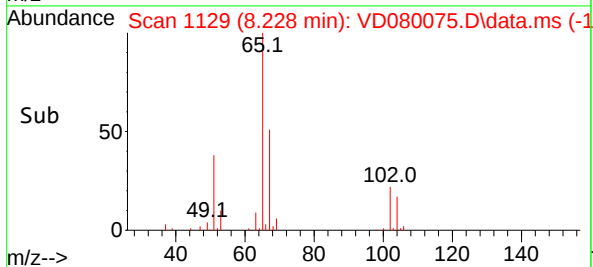
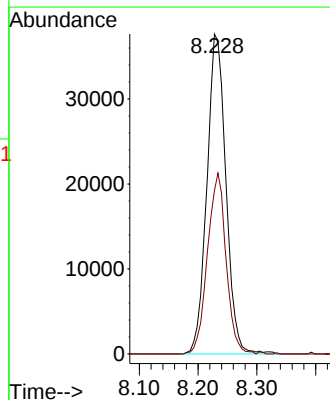
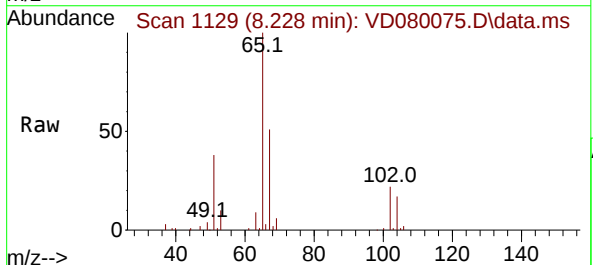
RT: 8.228 min Scan# 1129

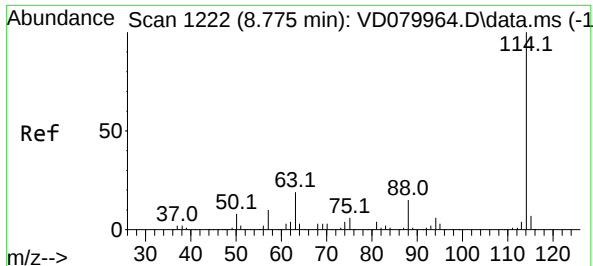
Delta R.T. -0.000 min

Lab File: VD080075.D

Acq: 18 Nov 2024 18:00

Tgt Ion:	65	Resp:	84545
Ion Ratio	Lower	Upper	
65	100		
67	55.2	0.0	109.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD080075.D

Acq: 18 Nov 2024 18:00

Instrument :

MSVOA_D

ClientSampleId :

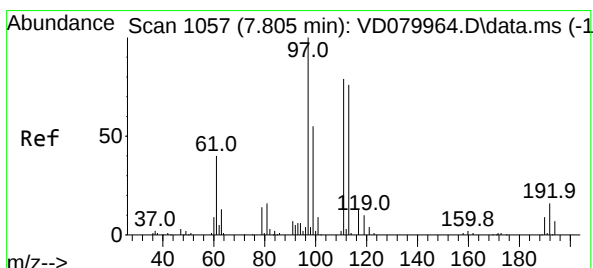
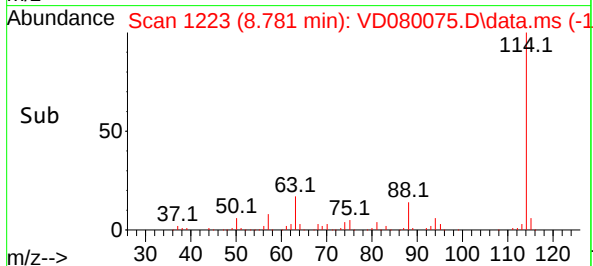
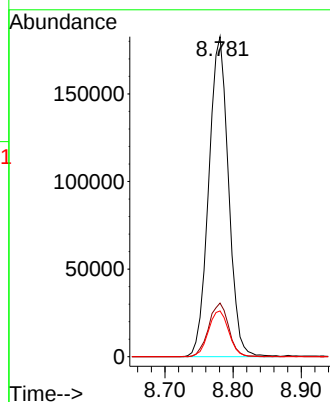
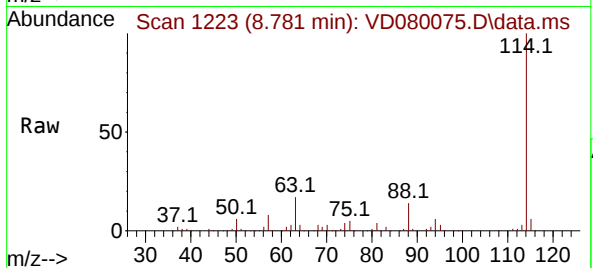
Tgt Ion:114 Resp: 367976

Ion Ratio Lower Upper

114 100

63 16.7 0.0 38.8

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 38.440 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD080075.D

Acq: 18 Nov 2024 18:00

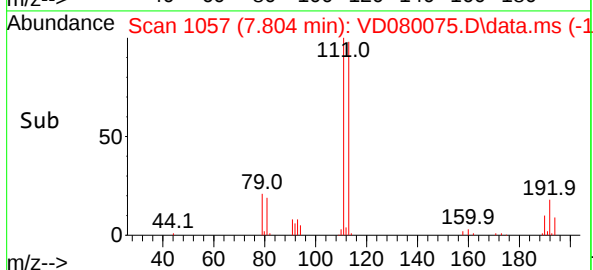
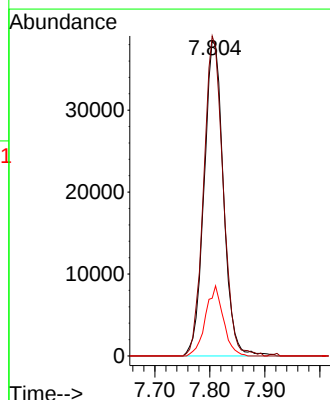
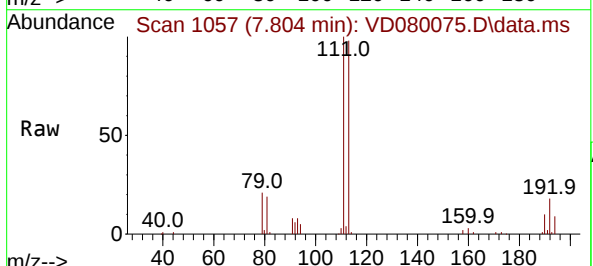
Tgt Ion:113 Resp: 94139

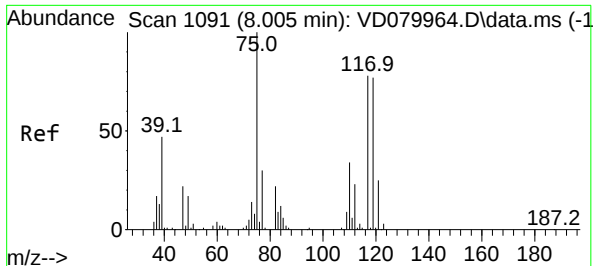
Ion Ratio Lower Upper

113 100

111 101.6 82.5 123.7

192 20.5 16.6 25.0





#36

1,1-Dichloropropene

Concen: 4.671 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.124 min

Lab File: VD080075.D

Acq: 18 Nov 2024 18:00

Instrument :

MSVOA_D

ClientSampleId :

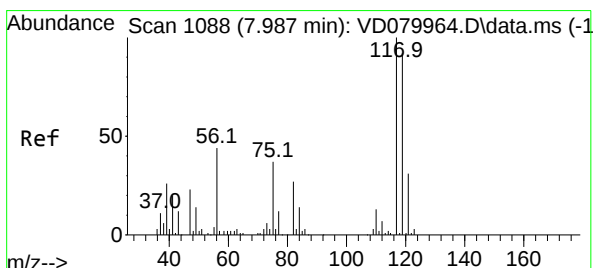
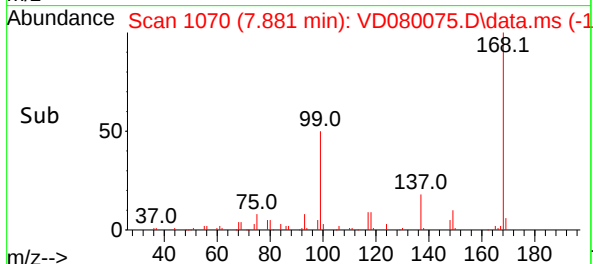
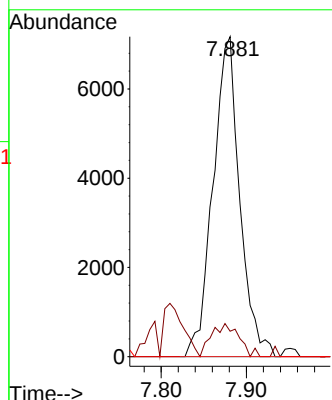
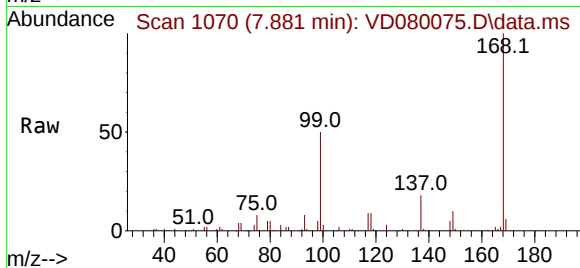
Tgt Ion: 75 Resp: 15643

Ion Ratio Lower Upper

75 100

110 10.7 18.4 55.0#

77 0.0 25.6 38.4#



#38

Carbon Tetrachloride

Concen: 5.311 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.106 min

Lab File: VD080075.D

Acq: 18 Nov 2024 18:00

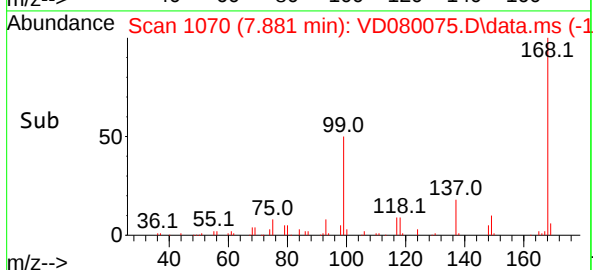
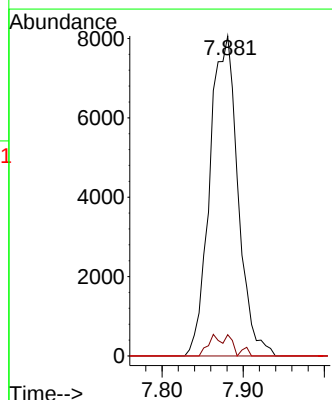
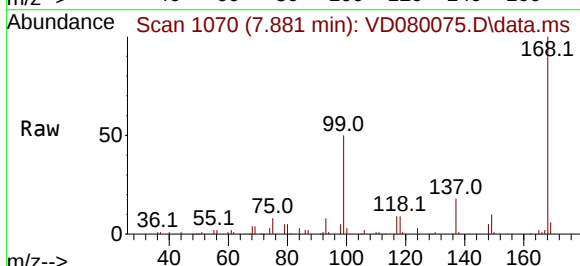
Tgt Ion: 117 Resp: 19433

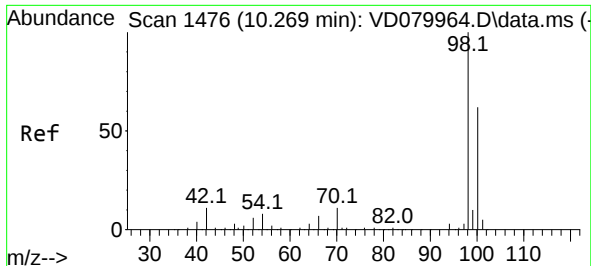
Ion Ratio Lower Upper

117 100

119 6.6 73.4 110.0#

121 0.0 24.5 36.7#

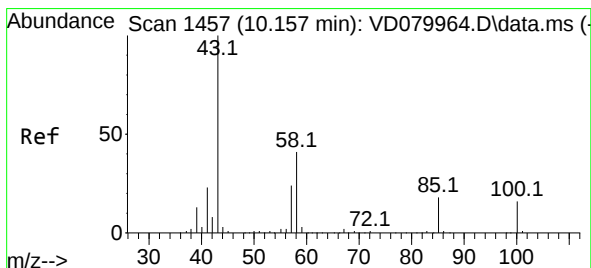
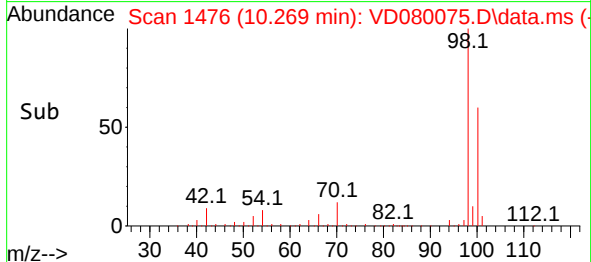
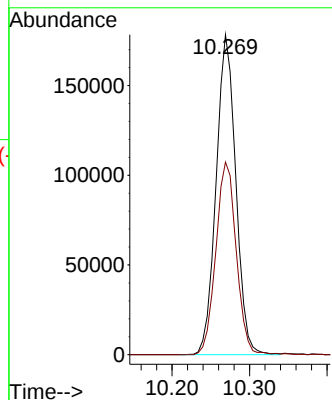
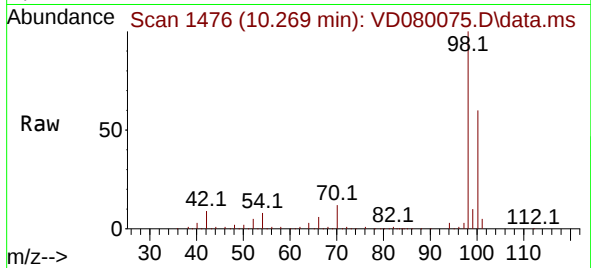




#50
Toluene-d8
Concen: 34.078 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD080075.D
Acq: 18 Nov 2024 18:00

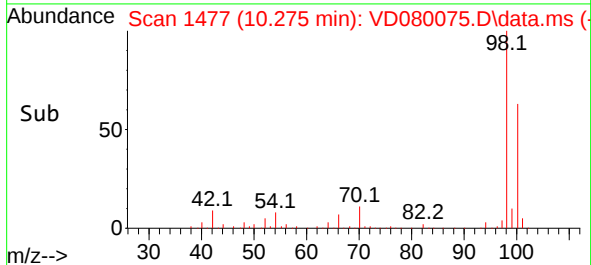
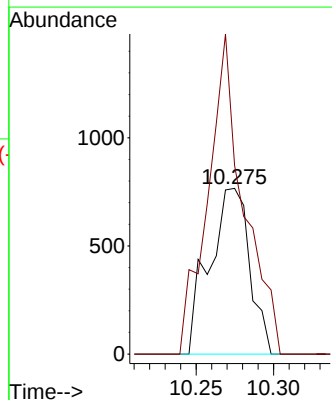
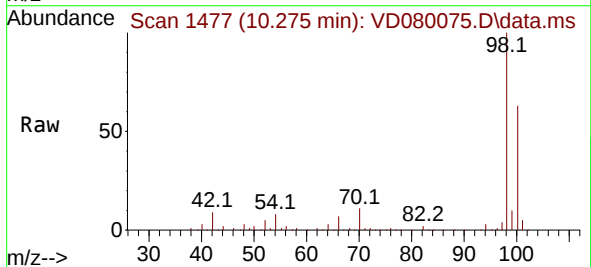
Instrument :
MSVOA_D
ClientSampleId :

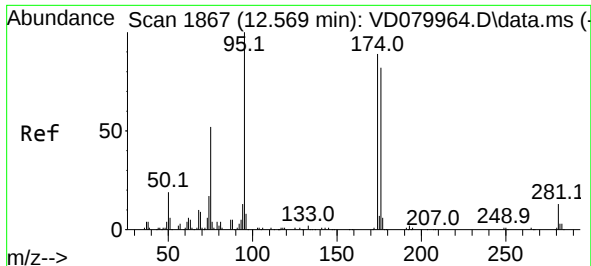
Tgt Ion: 98 Resp: 314551
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.4



#51
4-Methyl-2-Pentanone
Concen: 1.045 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.118 min
Lab File: VD080075.D
Acq: 18 Nov 2024 18:00

Tgt Ion: 43 Resp: 1383
Ion Ratio Lower Upper
43 100
58 171.9 32.8 49.2#

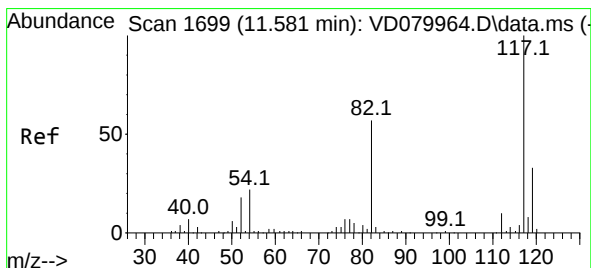
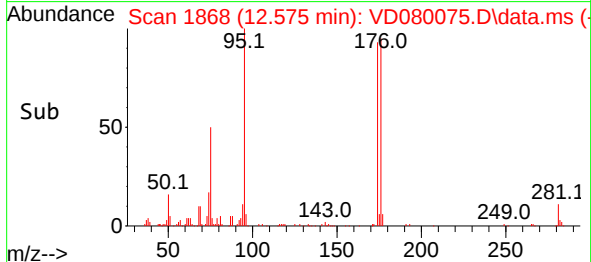
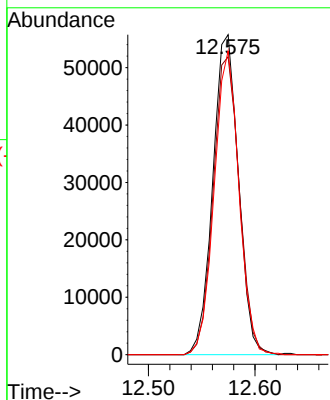
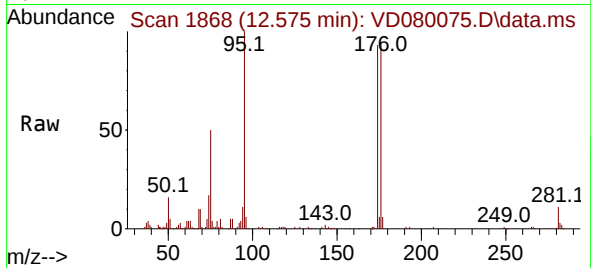




#62
4-Bromofluorobenzene
Concen: 30.703 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD080075.D
Acq: 18 Nov 2024 18:00

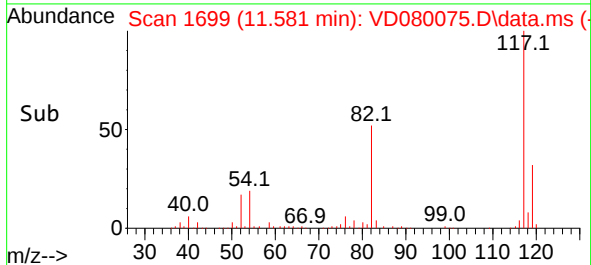
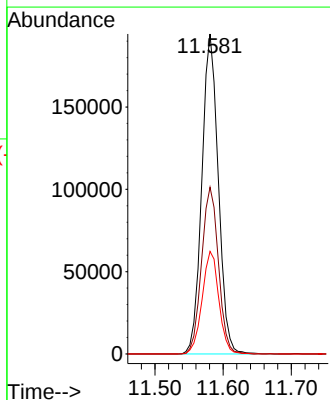
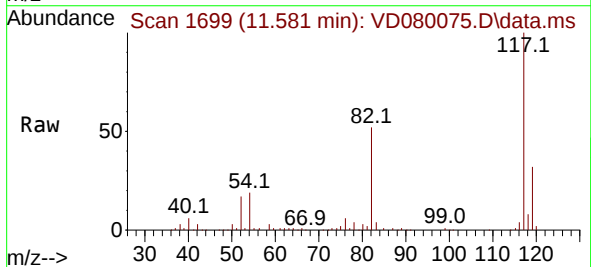
Instrument :
MSVOA_D
ClientSampleId :

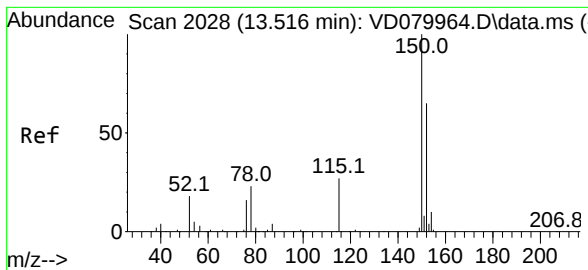
Tgt Ion: 95 Resp: 92979
Ion Ratio Lower Upper
95 100
174 94.8 0.0 173.4
176 91.9 0.0 166.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080075.D
Acq: 18 Nov 2024 18:00

Tgt Ion: 117 Resp: 326426
Ion Ratio Lower Upper
117 100
82 52.1 45.8 68.6
119 32.1 26.2 39.2

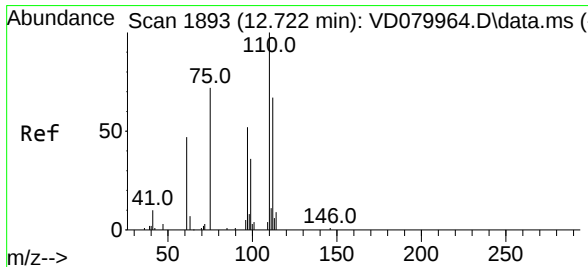
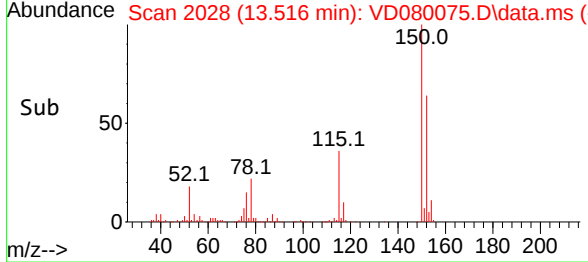
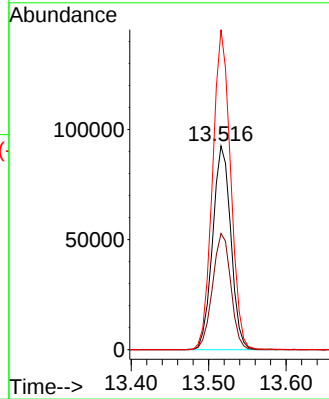
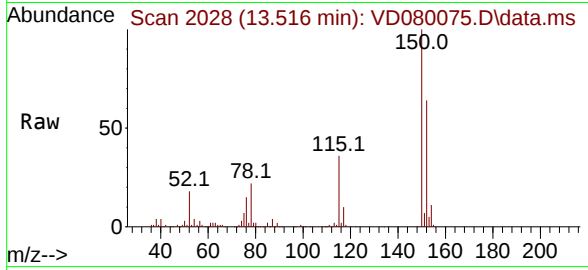




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD080075.D
 Acq: 18 Nov 2024 18:00

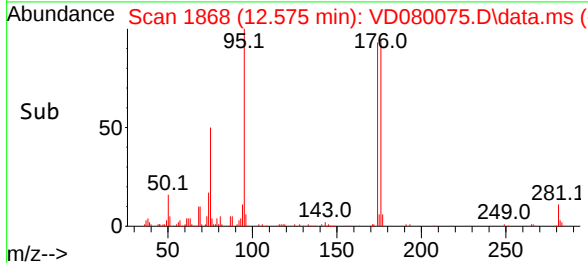
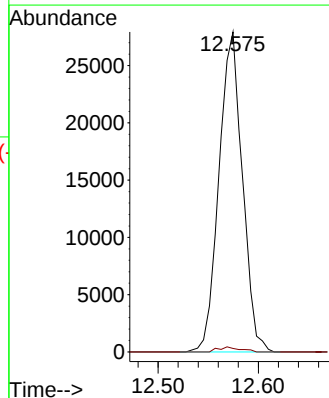
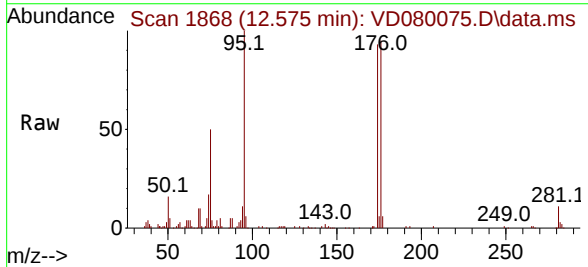
Instrument :
 MSVOA_D
 ClientSampleId :

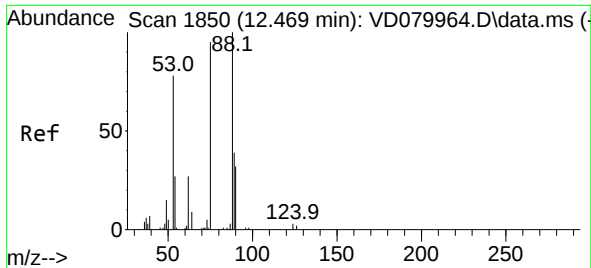
Tgt Ion:152 Resp: 150989
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.9 86.8
 150 155.6 0.0 354.8



#76
 1,2,3-Trichloropropane
 Concen: 33.911 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD080075.D
 Acq: 18 Nov 2024 18:00

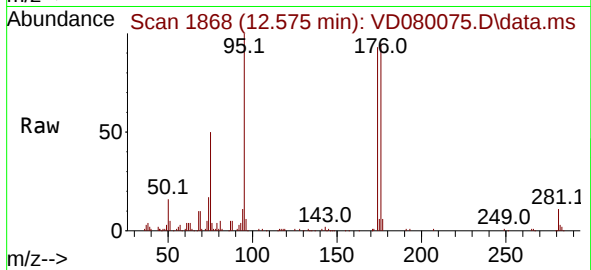
Tgt Ion: 75 Resp: 45212
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.403 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD080075.D
 Acq: 18 Nov 2024 18:00

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 45212
 Ion Ratio Lower Upper
 75 100
 53 0.2 68.7 103.1#
 89 0.1 36.1 54.1#

