

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111924\
 Data File : VD080089.D
 Acq On : 19 Nov 2024 17:52
 Operator : RP/MD
 Sample : P4889-02
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-2

Quant Time: Nov 20 03:57:06 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)

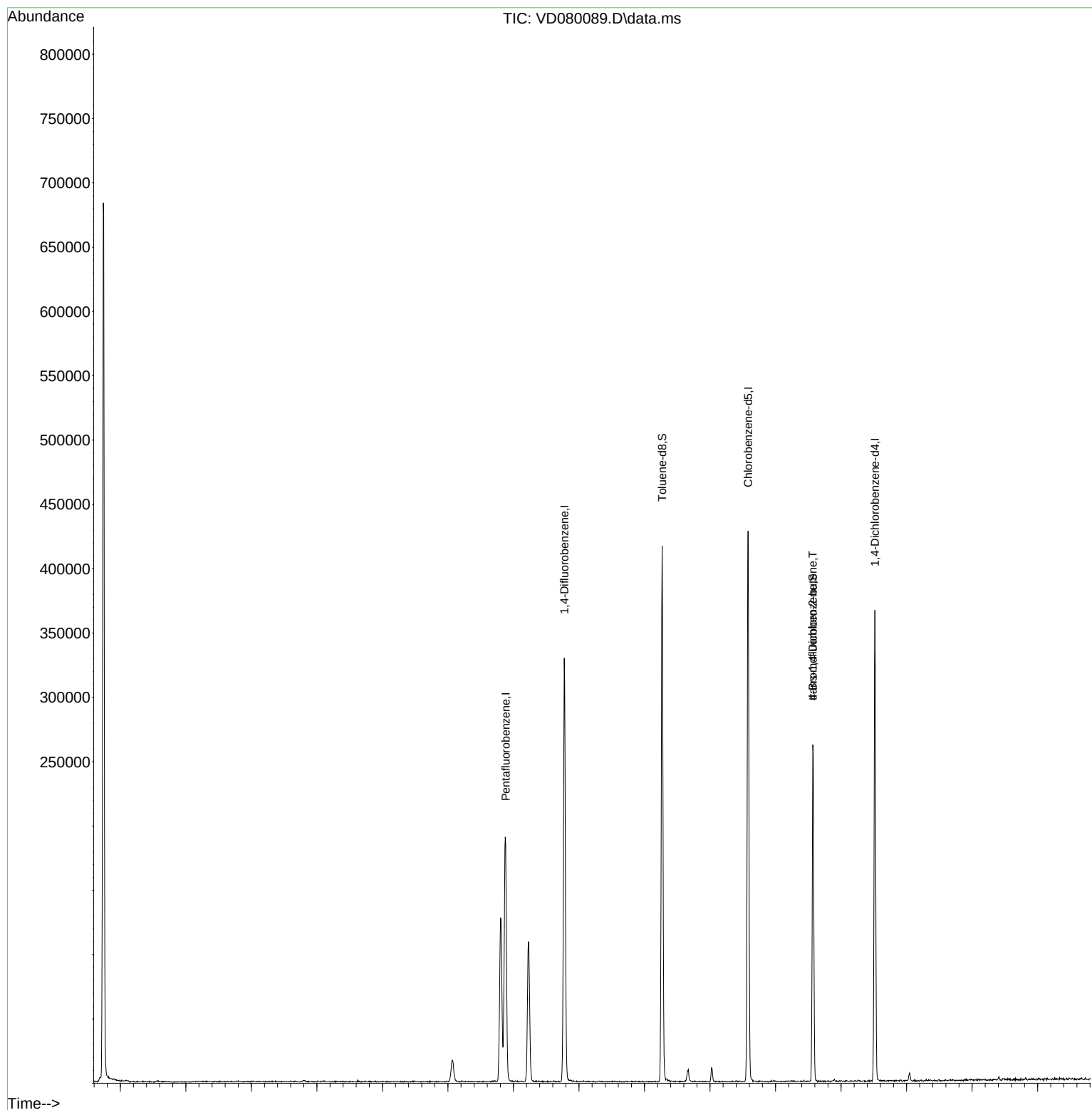
Internal Standards						
1) Pentafluorobenzene	7.881	168	158381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	288332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	256039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	89596	54.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.880%
35) Dibromofluoromethane	7.805	113	93023	48.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.960%
50) Toluene-d8	10.269	98	288498	39.889	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.780%
62) 4-Bromofluorobenzene	12.569	95	80352	33.862	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.720%
Target Compounds						
81) trans-1,4-Dichloro-2-b...	12.569	75	39344	88.877	ug/l	Qvalue # 15

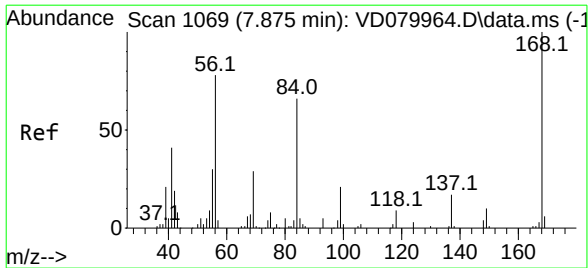
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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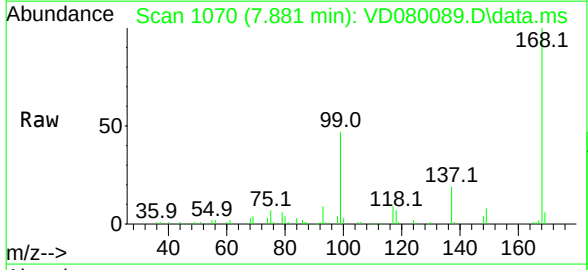
Quant Time: Nov 20 03:57:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:25:47 2024
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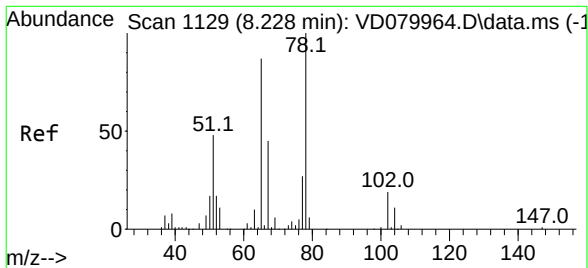
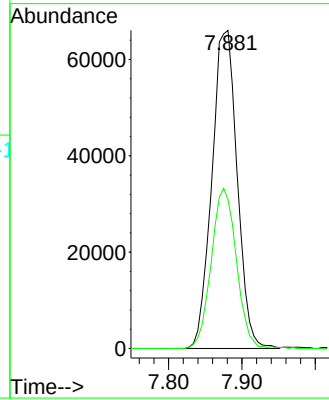
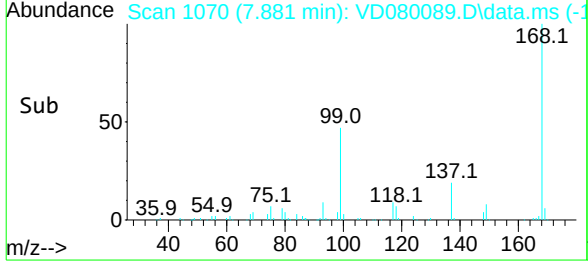


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD080089.D
Acq: 19 Nov 2024 17:52

Instrument :
MSVOA_D
ClientSampleId :
COMP-2

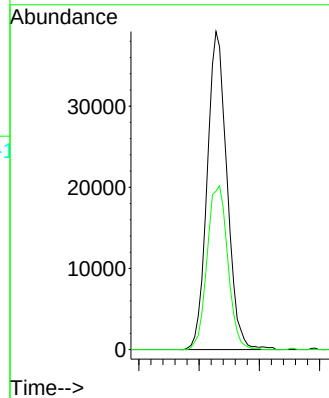
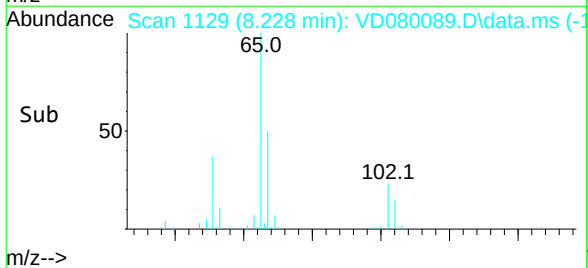
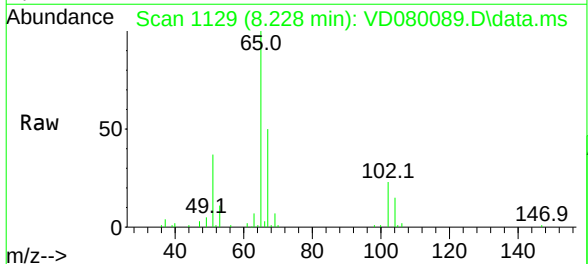


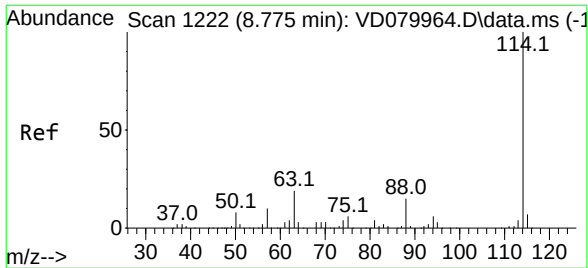
Tgt Ion:168 Resp: 158381
Ion Ratio Lower Upper
168 100
99 46.8 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 54.944 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD080089.D
Acq: 19 Nov 2024 17:52

Tgt Ion: 65 Resp: 89596
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.2

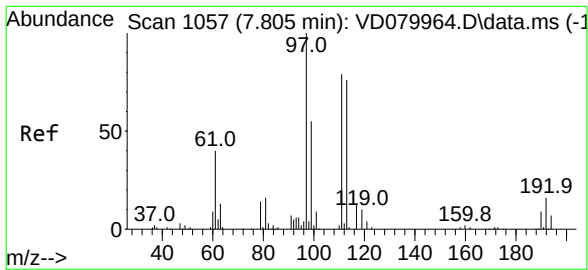
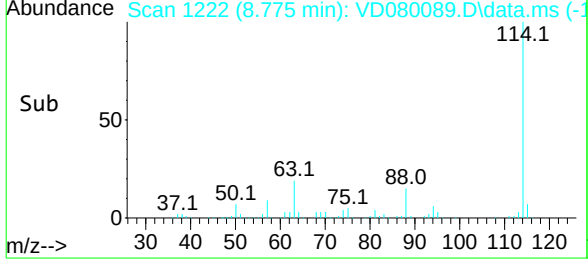
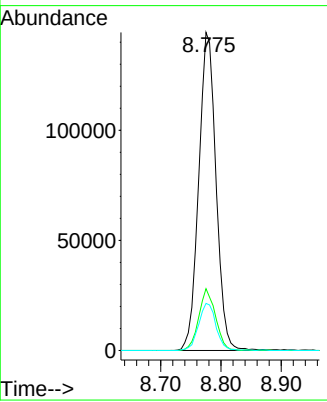
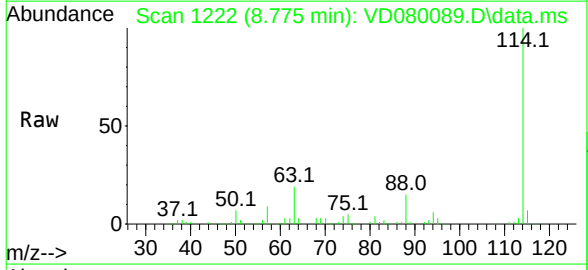




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VD080089.D
 Acq: 19 Nov 2024 17:52

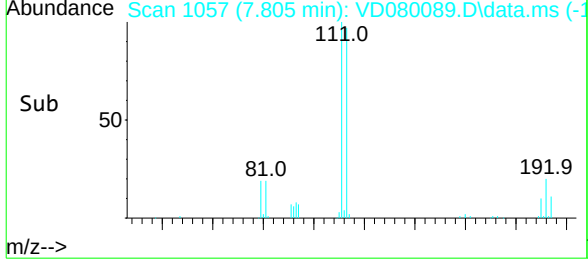
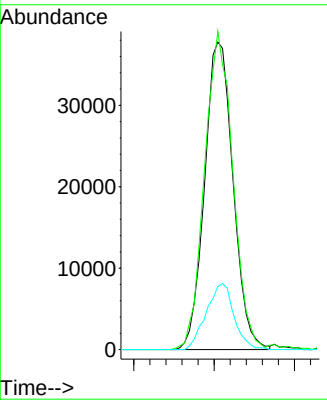
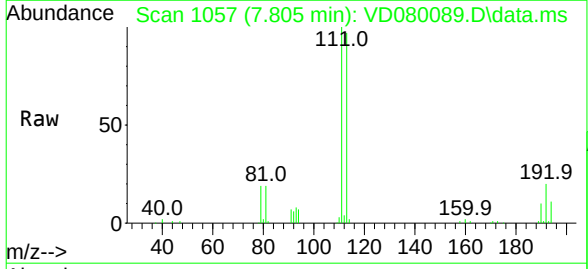
Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-2

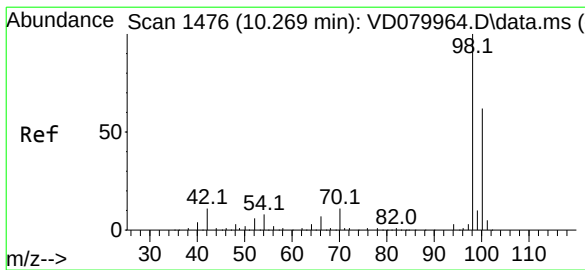
Tgt Ion:	114	Resp:	288332
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.8
88	14.8	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 48.476 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VD080089.D
 Acq: 19 Nov 2024 17:52

Tgt Ion:	113	Resp:	93023
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.5	123.7
192	20.9	16.6	25.0





#50

Toluene-d8

Concen: 39.889 ug/l

RT: 10.269 min Scan# 14

Delta R.T. 0.000 min

Lab File: VD080089.D

Acq: 19 Nov 2024 17:52

Instrument :

MSVOA_D

ClientSampleId :

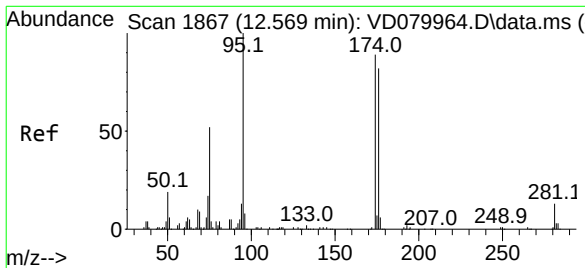
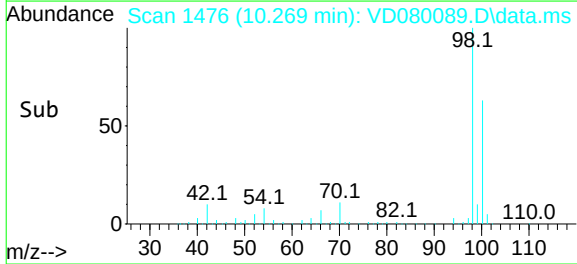
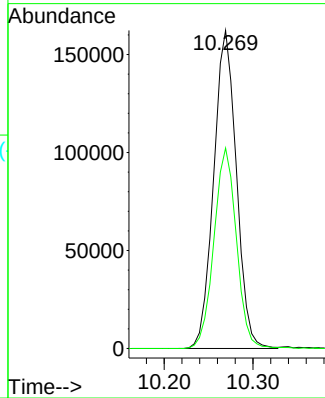
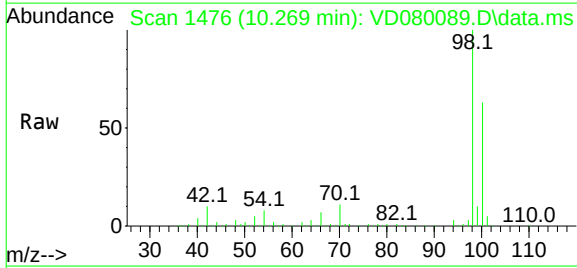
COMP-2

Tgt Ion: 98 Resp: 288498

Ion Ratio Lower Upper

98 100

100 62.4 50.2 75.4



#62

4-Bromofluorobenzene

Concen: 33.862 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VD080089.D

Acq: 19 Nov 2024 17:52

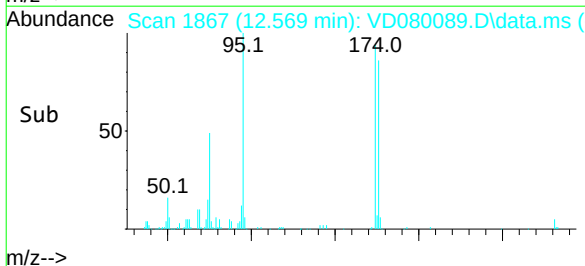
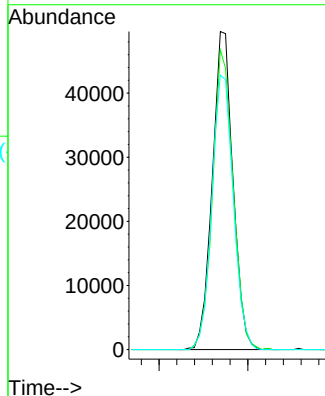
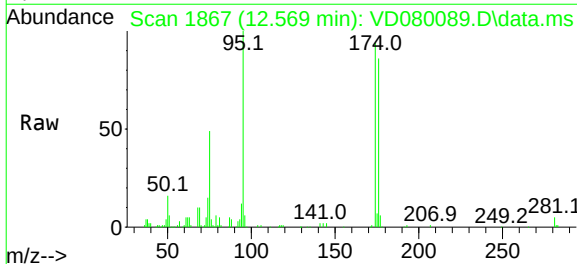
Tgt Ion: 95 Resp: 80352

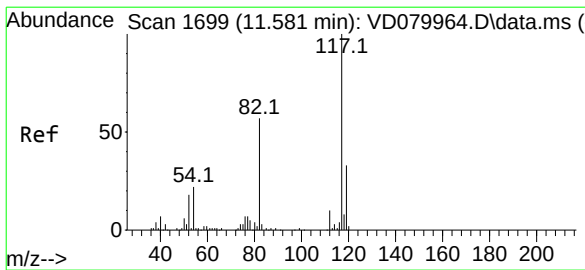
Ion Ratio Lower Upper

95 100

174 93.1 0.0 173.4

176 89.3 0.0 166.6

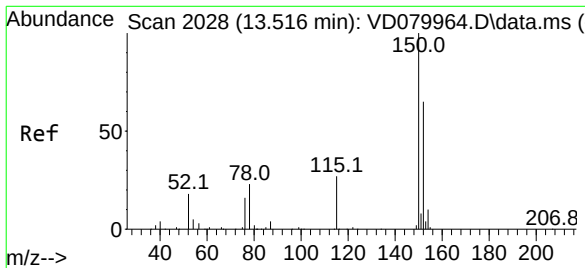
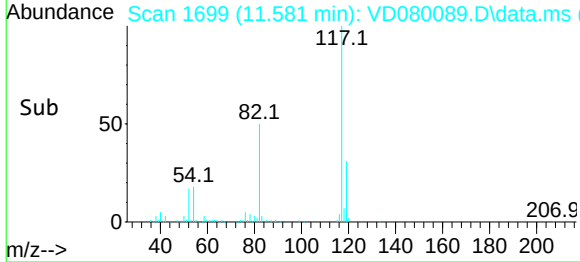
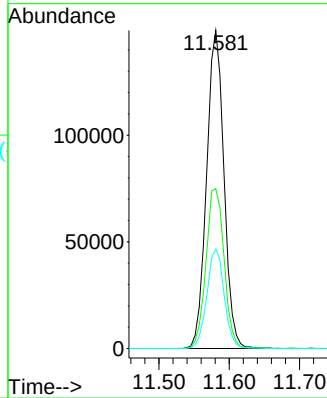
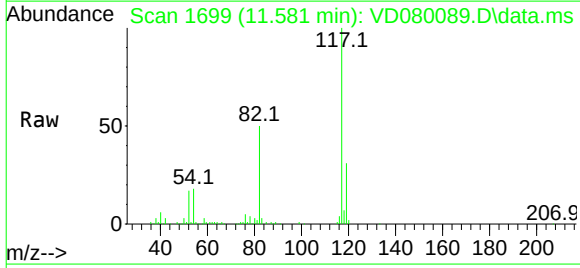




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080089.D
Acq: 19 Nov 2024 17:52

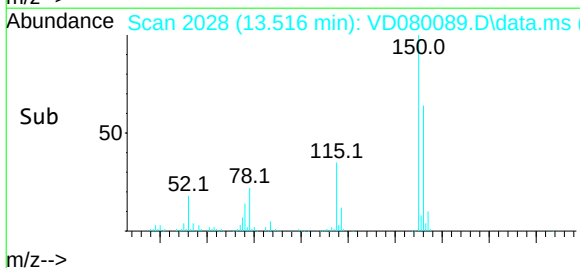
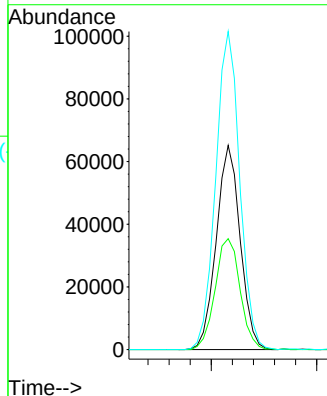
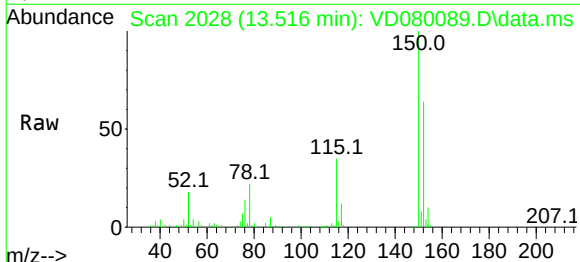
Instrument :
MSVOA_D
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COMP-2

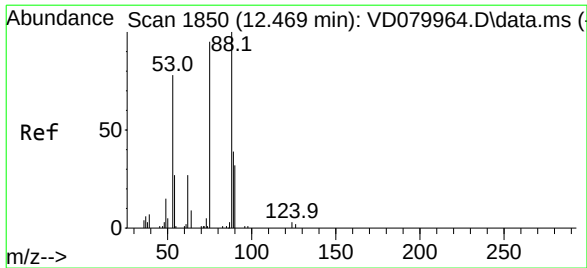
Tgt Ion:	117	Resp:	256039
Ion	Ratio	Lower	Upper
117	100		
82	50.3	45.8	68.6
119	31.3	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD080089.D
Acq: 19 Nov 2024 17:52

Tgt Ion:	152	Resp:	102603
Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.9	86.8
150	156.4	0.0	354.8





#81
trans-1,4-Dichloro-2-butene
Concen: 88.877 ug/l
RT: 12.569 min Scan# 18
Delta R.T. 0.100 min
Lab File: VD080089.D
Acq: 19 Nov 2024 17:52

Instrument :
MSVOA_D
ClientSampleId :
COMP-2

Tgt	Ion	75	Resp:	39344
Ion	Ratio	Lower	Upper	
75	100			
53	0.2	68.7	103.1#	
89	0.2	36.1	54.1#	

