

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111621\
 Data File : VD071045.D
 Acq On : 16 Nov 2021 16:06
 Operator : VA/SY
 Sample : M4659-02
 Misc : 6.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HB-1-(7.5-8)-11-11-21

Quant Time: Nov 17 03:24:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

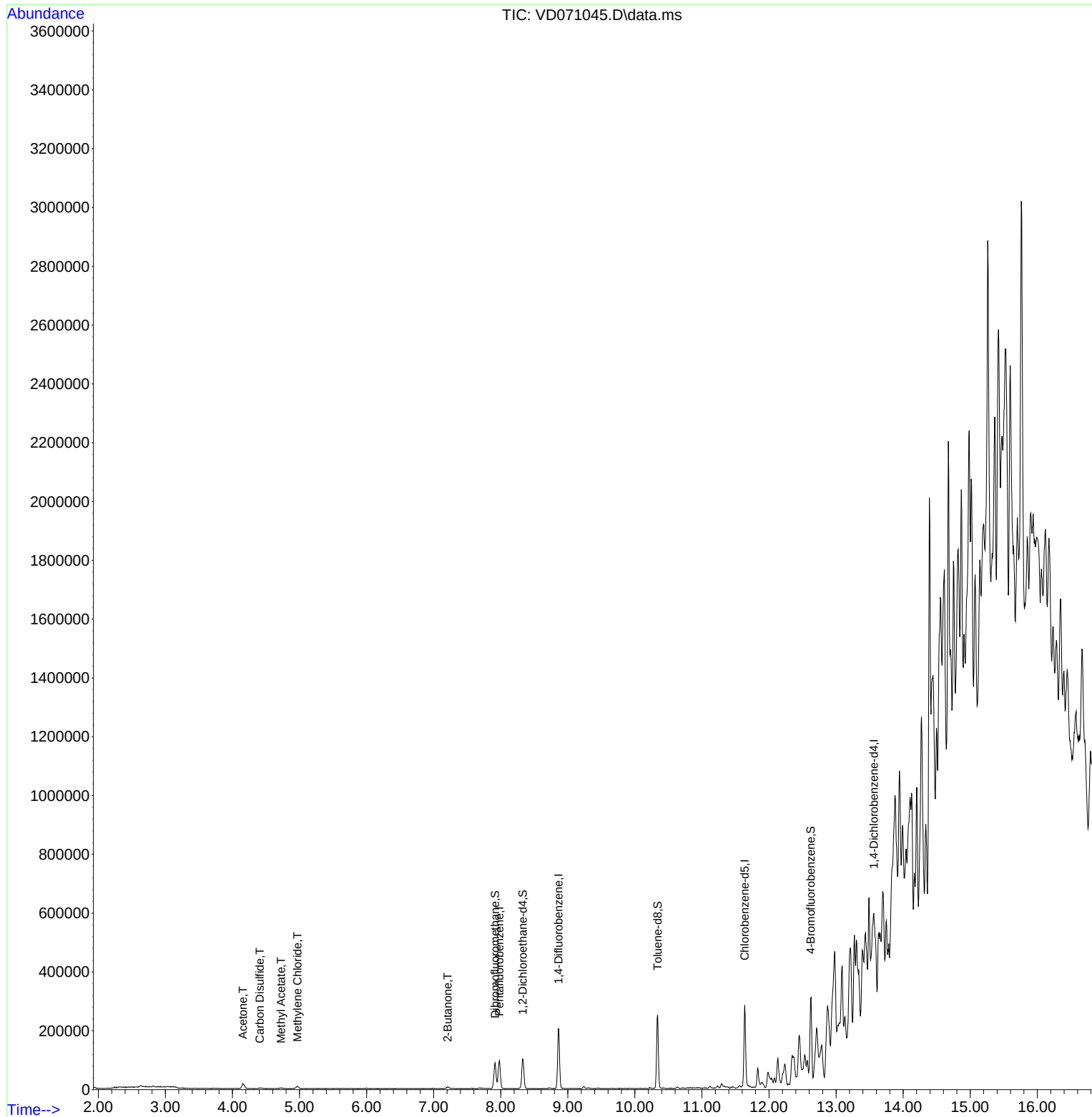
Internal Standards						
1) Pentafluorobenzene	7.979	168	68373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	165320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	142672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	60322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	80768	110.949	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	221.900%#
35) Dibromofluoromethane	7.914	113	60321	64.662	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.320%
50) Toluene-d8	10.338	98	161418	44.184	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.360%
62) 4-Bromofluorobenzene	12.620	95	62700	47.665	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.340%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	27897	150.463	ug/l #	77
17) Carbon Disulfide	4.409	76	4625	2.206	ug/l #	73
18) Methyl Acetate	4.726	43	4354	6.972	ug/l #	85
20) Methylene Chloride	4.967	84	4930	5.579	ug/l #	86
25) 2-Butanone	7.209	43	10406	57.990	ug/l #	88

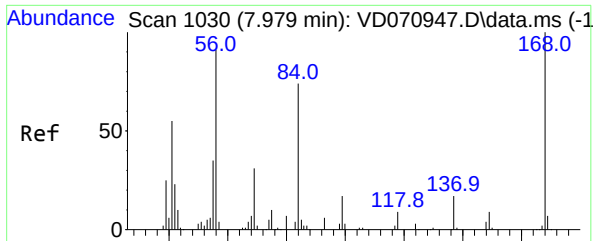
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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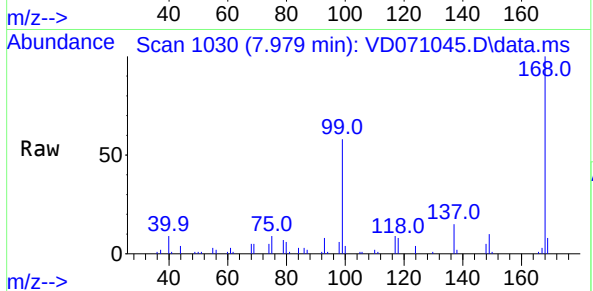
Quant Time: Nov 17 03:24:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:55:51 2021
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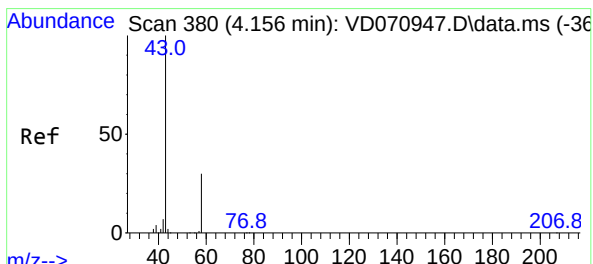
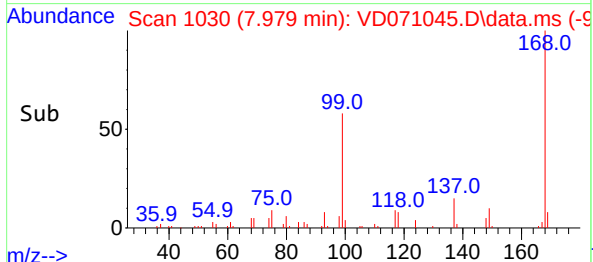
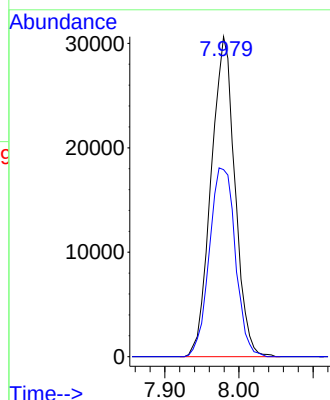


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071045.D
Acq: 16 Nov 2021 16:06

Instrument :
MSVOA_D
ClientSampleId :
HB-1-(7.5-8)-11-11-21

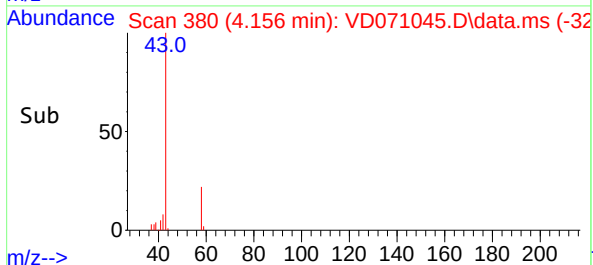
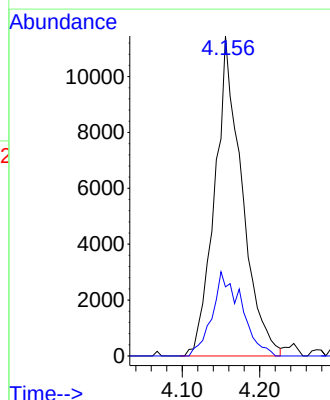
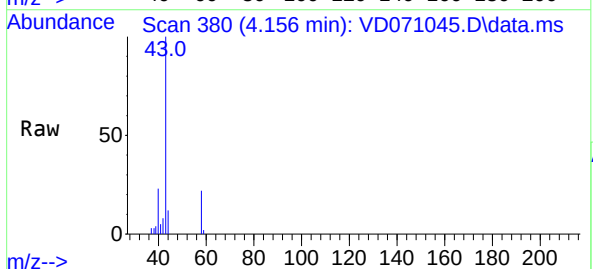


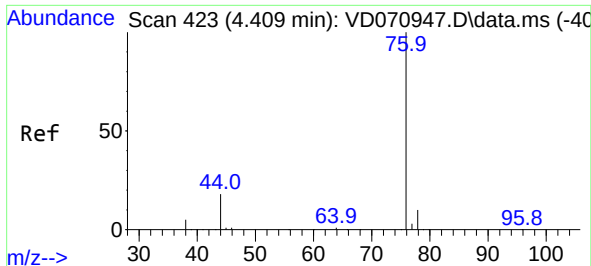
Tgt Ion:168 Resp: 68373
Ion Ratio Lower Upper
168 100
99 58.4 46.6 69.8



#16
Acetone
Concen: 150.463 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071045.D
Acq: 16 Nov 2021 16:06

Tgt Ion: 43 Resp: 27897
Ion Ratio Lower Upper
43 100
58 21.6 27.8 41.8#

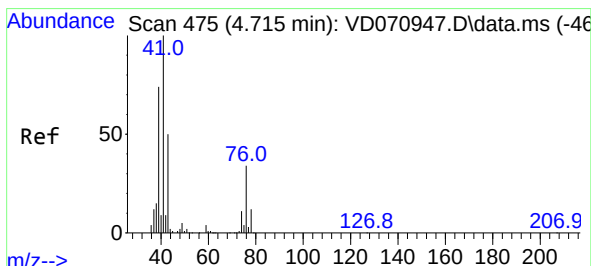
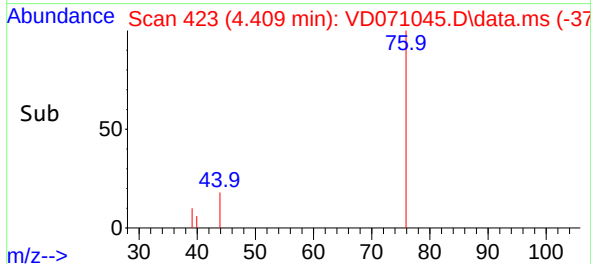
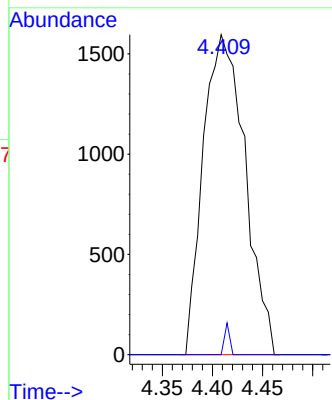
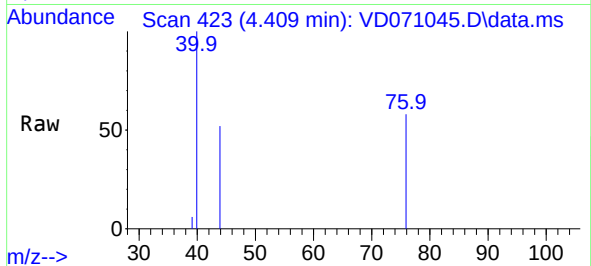




#17
Carbon Disulfide
Concen: 2.206 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD071045.D
Acq: 16 Nov 2021 16:06

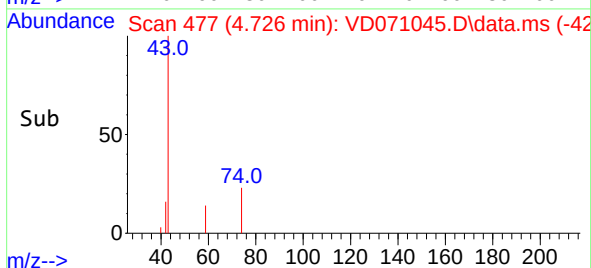
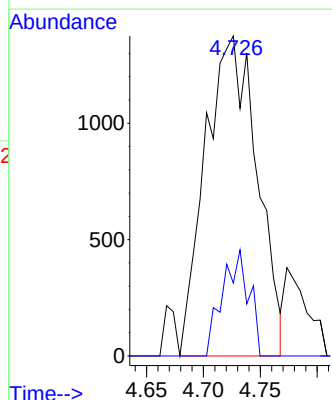
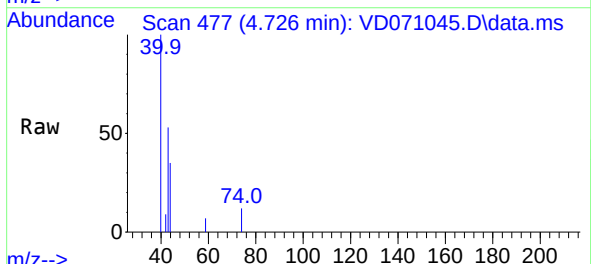
Instrument :
MSVOA_D
ClientSampleId :
HB-1-(7.5-8)-11-11-21

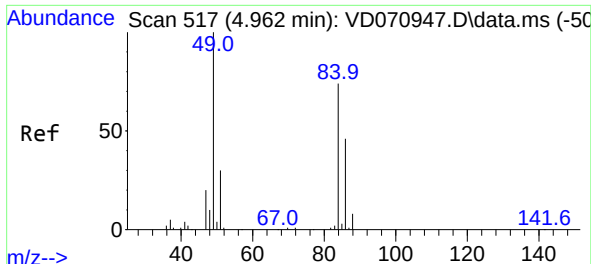
Tgt Ion: 76 Resp: 4625
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.8#



#18
Methyl Acetate
Concen: 6.972 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.011 min
Lab File: VD071045.D
Acq: 16 Nov 2021 16:06

Tgt Ion: 43 Resp: 4354
Ion Ratio Lower Upper
43 100
74 16.9 19.3 28.9#

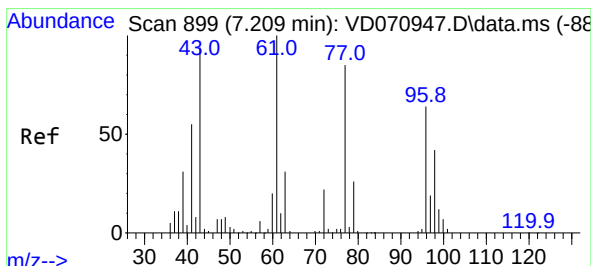
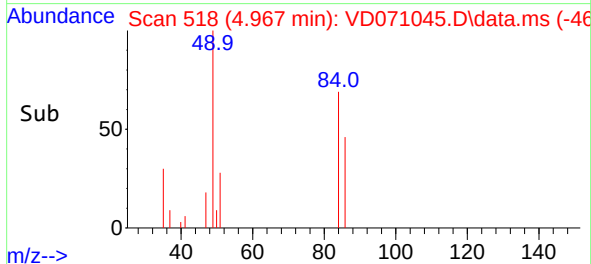
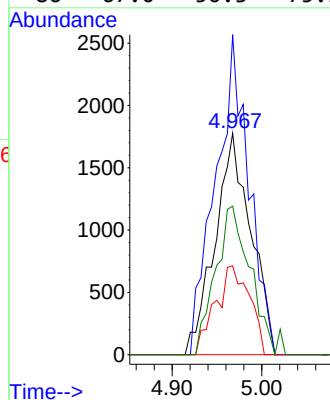
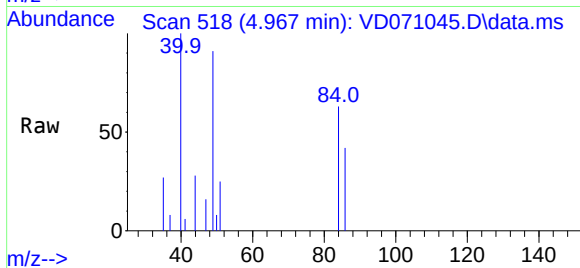




#20
Methylene Chloride
Concen: 5.579 ug/l
RT: 4.967 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD071045.D
Acq: 16 Nov 2021 16:06

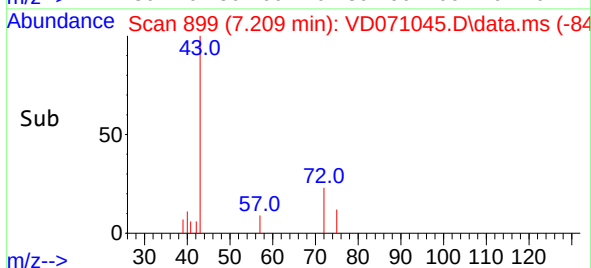
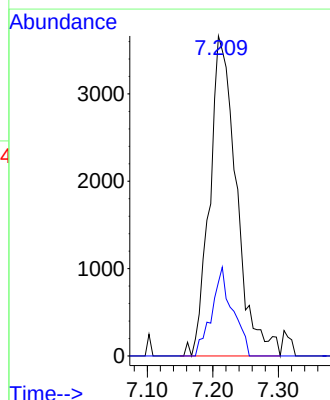
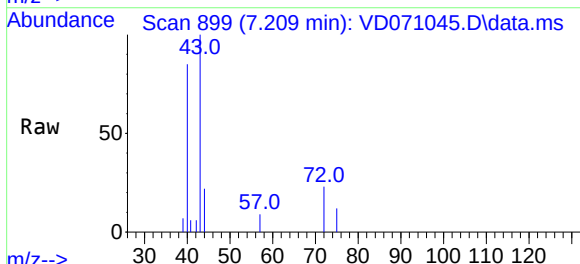
Instrument :
MSVOA_D
ClientSampleId :
HB-1-(7.5-8)-11-11-21

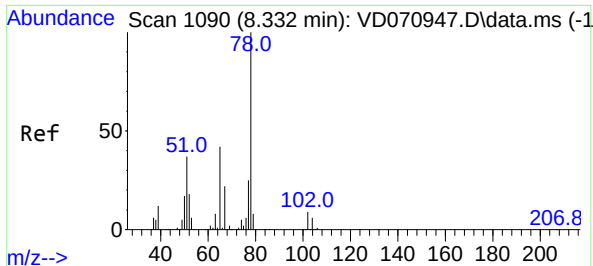
Tgt Ion:	84	Resp:	4930
Ion	Ratio	Lower	Upper
84	100		
49	144.5	95.8	143.6#
51	40.1	30.9	46.3
86	67.0	50.3	75.5



#25
2-Butanone
Concen: 57.990 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD071045.D
Acq: 16 Nov 2021 16:06

Tgt Ion:	43	Resp:	10406
Ion	Ratio	Lower	Upper
43	100		
72	23.0	23.8	35.6#





#33

1,2-Dichloroethane-d4

Concen: 110.949 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071045.D

Acq: 16 Nov 2021 16:06

Instrument :

MSVOA_D

ClientSampleId :

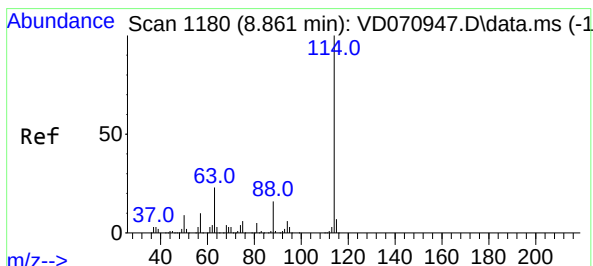
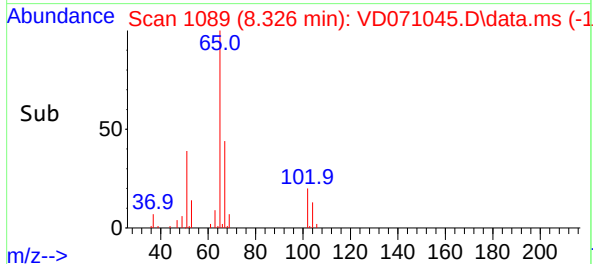
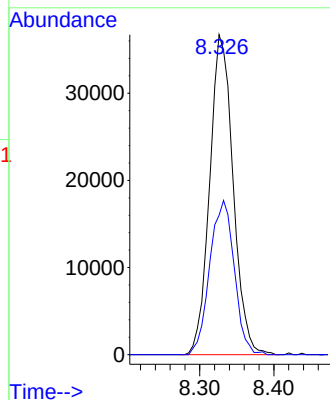
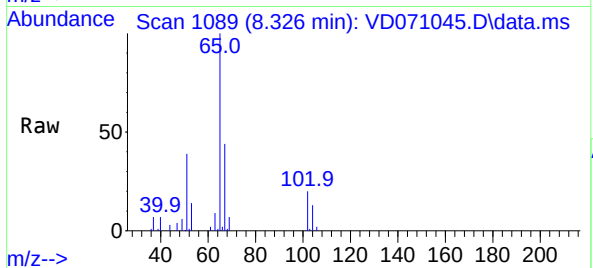
HB-1-(7.5-8)-11-11-21

Tgt Ion: 65 Resp: 80768

Ion Ratio Lower Upper

65 100

67 50.3 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071045.D

Acq: 16 Nov 2021 16:06

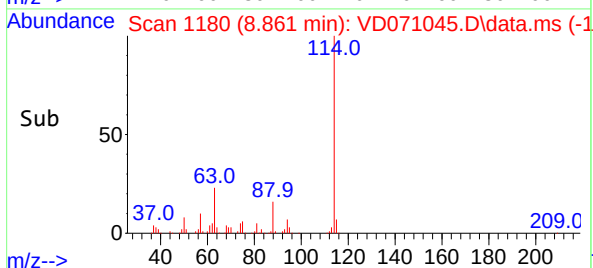
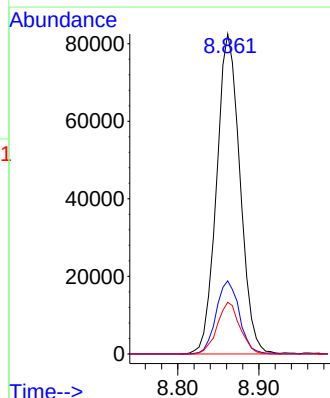
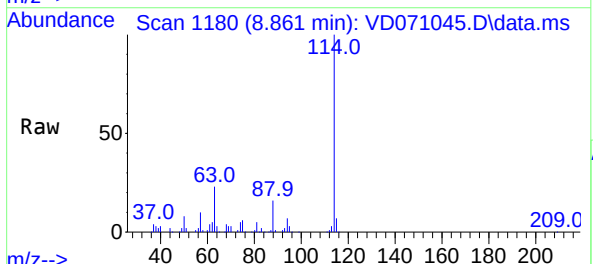
Tgt Ion: 114 Resp: 165320

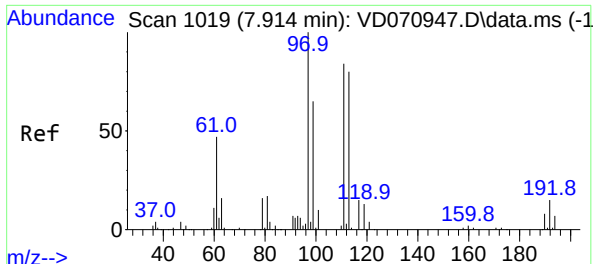
Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.8

88 16.2 0.0 32.8

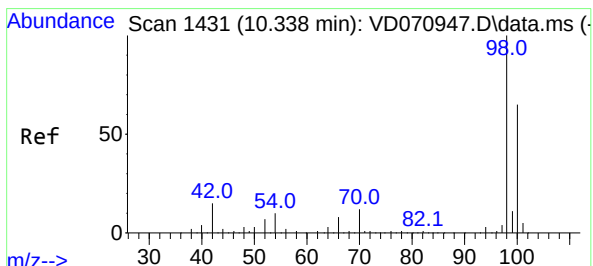
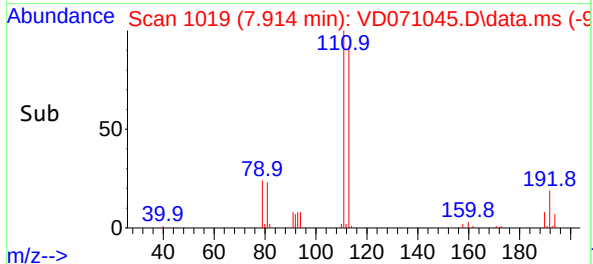
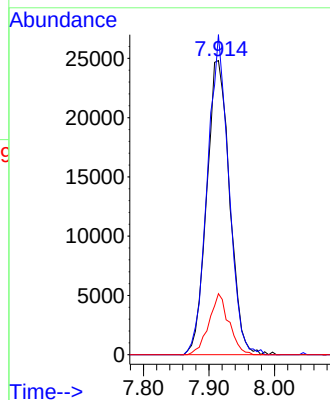
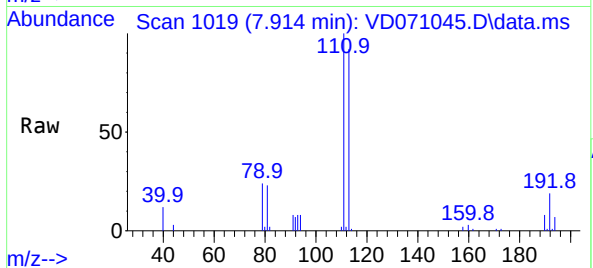




#35
Dibromofluoromethane
Concen: 64.662 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071045.D
Acq: 16 Nov 2021 16:06

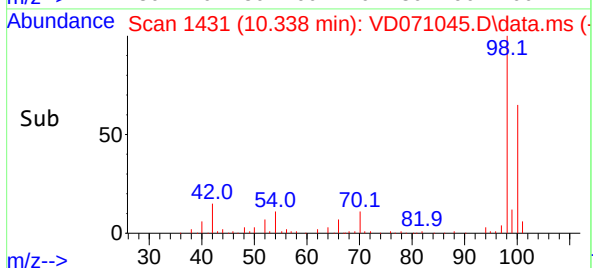
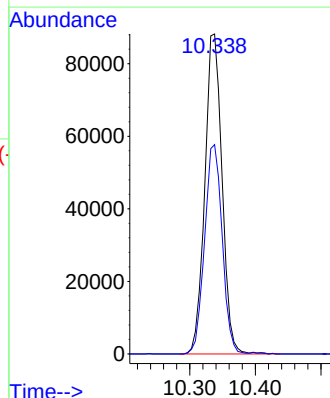
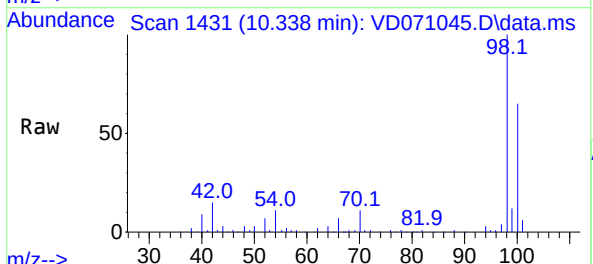
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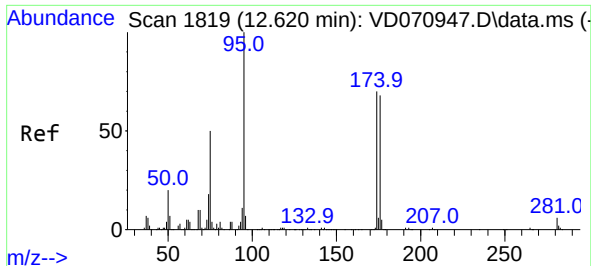
Tgt Ion:113 Resp: 60321
Ion Ratio Lower Upper
113 100
111 101.5 82.0 123.0
192 18.1 15.2 22.8



#50
Toluene-d8
Concen: 44.184 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071045.D
Acq: 16 Nov 2021 16:06

Tgt Ion: 98 Resp: 161418
Ion Ratio Lower Upper
98 100
100 66.7 51.8 77.6

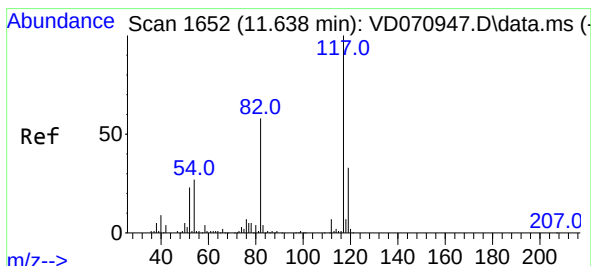
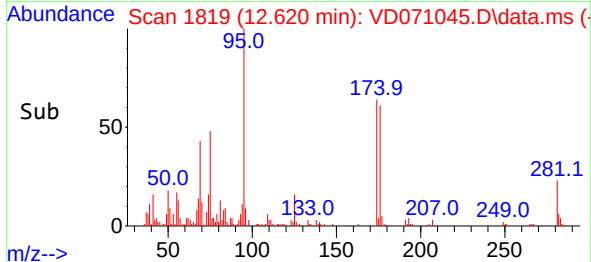
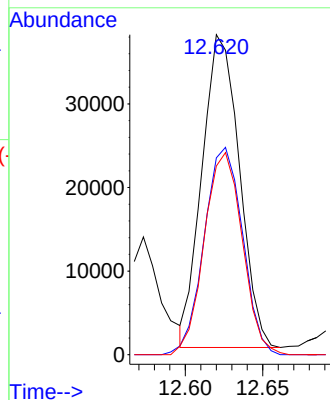
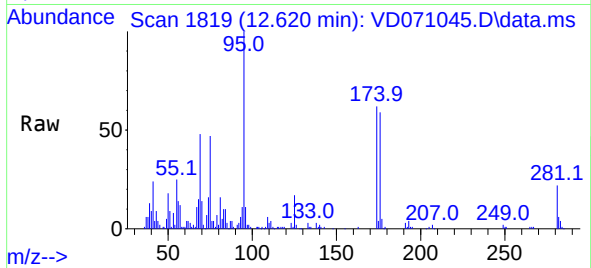




#62
4-Bromofluorobenzene
Concen: 47.665 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD071045.D
Acq: 16 Nov 2021 16:06

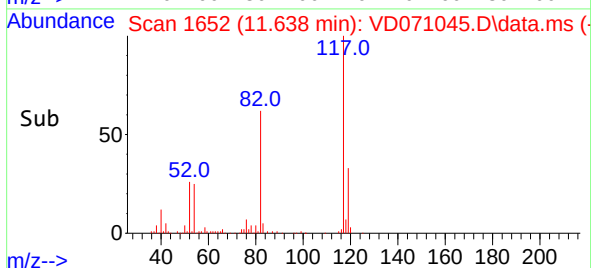
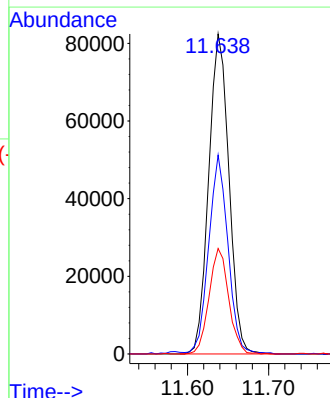
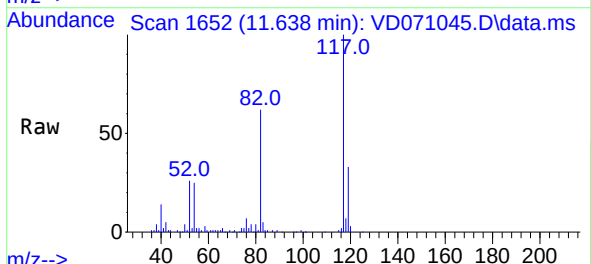
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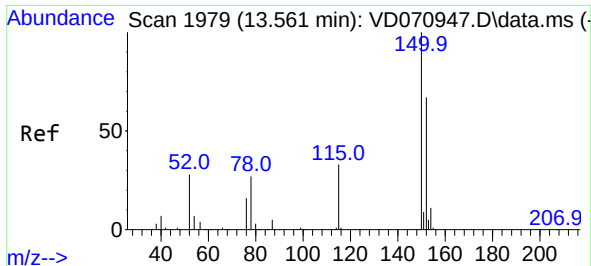
Tgt Ion:	95	Resp:	62700
Ion Ratio	Lower	Upper	
95	100		
174	68.3	0.0	159.4
176	65.8	0.0	154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071045.D
Acq: 16 Nov 2021 16:06

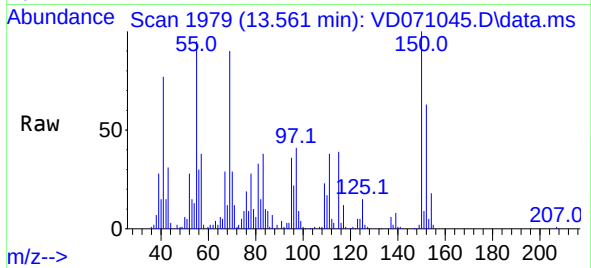
Tgt Ion:	117	Resp:	142672
Ion Ratio	Lower	Upper	
117	100		
82	62.2	44.7	67.1
119	32.9	26.2	39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD071045.D
 Acq: 16 Nov 2021 16:06

Instrument :
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 ClientSampleId :
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Tgt Ion:152 Resp: 60322

Ion	Ratio	Lower	Upper
152	100		
115	49.2	29.8	89.3
150	125.0	0.0	349.2

