

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
 Data File : VD069153.D
 Acq On : 13 May 2021 13:19
 Operator : VA/SY
 Sample : M2373-01
 Misc : 6.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-051221

Quant Time: May 14 01:20:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

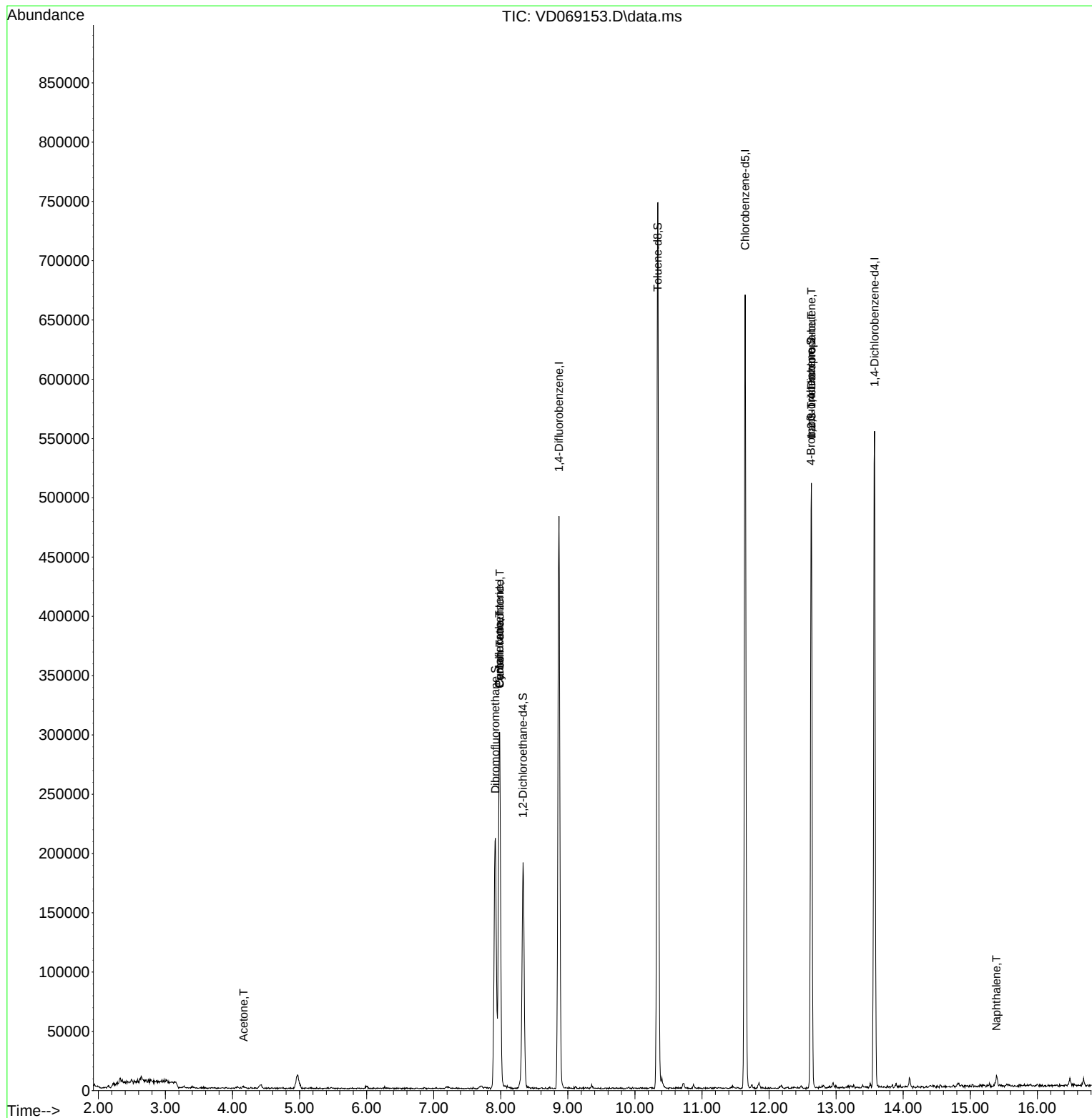
Internal Standards						
1) Pentafluorobenzene	7.979	168	219791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	421782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	392421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	148779	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	150432	68.27	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.54%
35) Dibromofluoromethane	7.920	113	153088	55.77	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.54%
50) Toluene-d8	10.338	98	522920	51.85	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.70%
62) 4-Bromofluorobenzene	12.626	95	147271	45.38	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.76%
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	2992	8.87	ug/l #	73
20) Methylene Chloride	4.979	84	9448	Below Cal	#	92
31) Cyclohexane	7.979	56	5413	1.66	ug/l #	26
38) Carbon Tetrachloride	7.985	117	24334	5.31	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	78402	70.10	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	78402	141.60	ug/l #	14
95) Naphthalene	15.390	128	7574	3.54	ug/l #	93

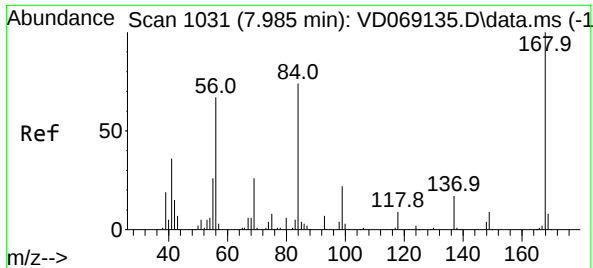
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

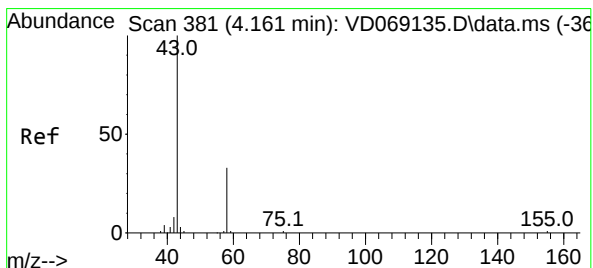
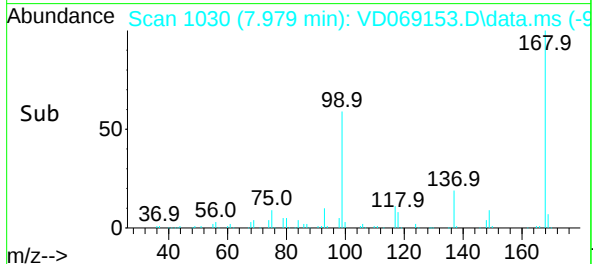
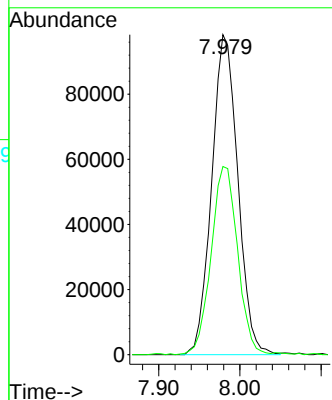
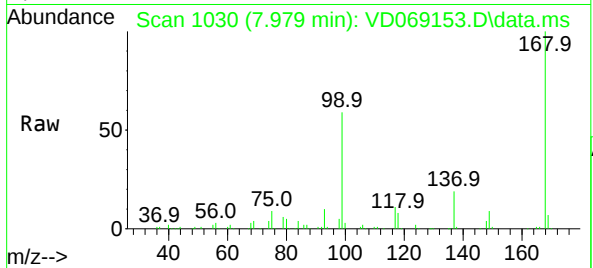




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069153.D
Acq: 13 May 2021 13:19

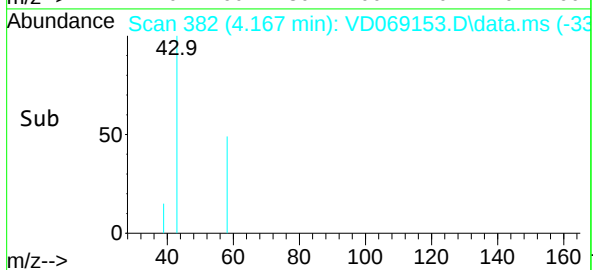
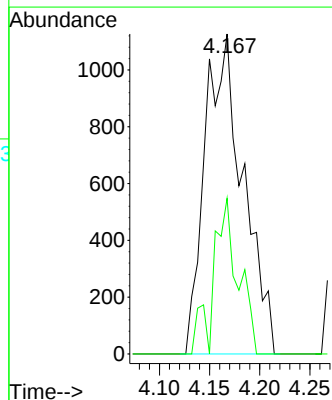
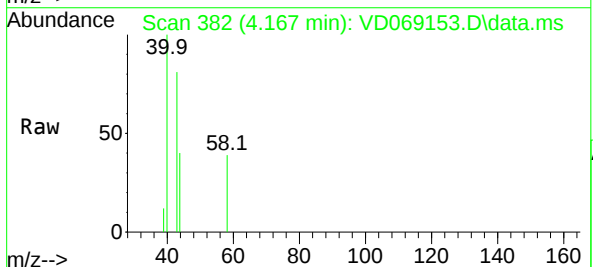
Instrument :
MSVOA_D
ClientSampleId :
OR-02-051221

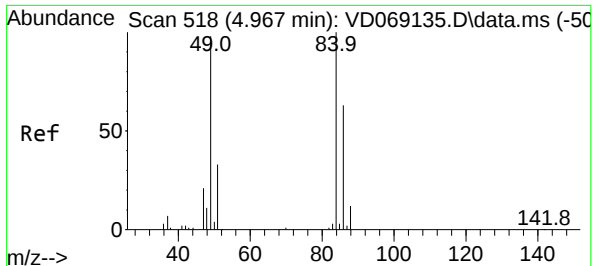
Tgt Ion:168 Resp: 219791
Ion Ratio Lower Upper
168 100
99 58.6 47.2 70.8



#16
Acetone
Concen: 8.87 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069153.D
Acq: 13 May 2021 13:19

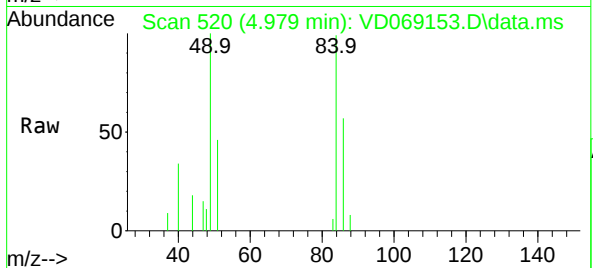
Tgt Ion: 43 Resp: 2992
Ion Ratio Lower Upper
43 100
58 48.6 26.7 40.1#



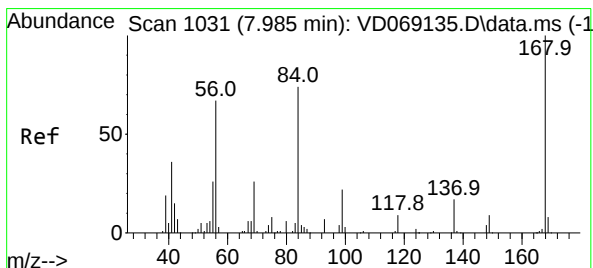
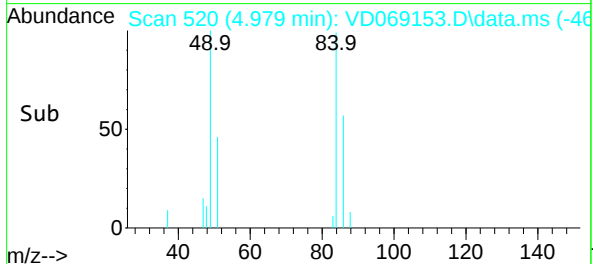
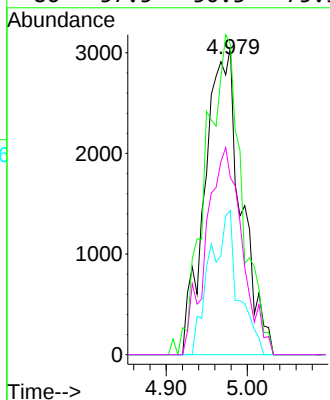


#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.012 min
Lab File: VD069153.D
Acq: 13 May 2021 13:19

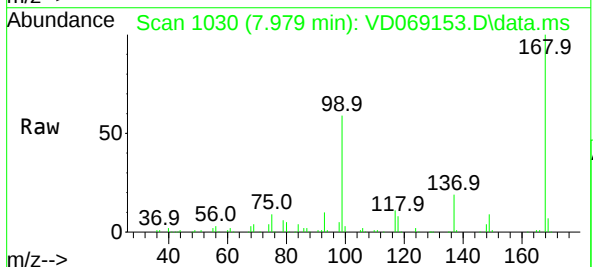
Instrument :
MSVOA_D
ClientSampleId :
OR-02-051221



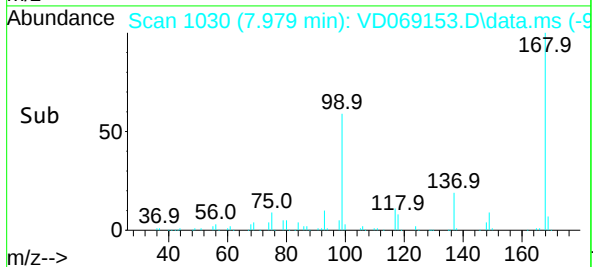
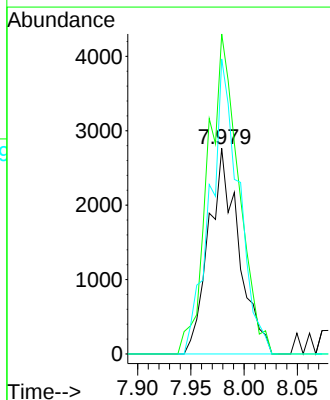
Tgt Ion:	84	Resp:	9448
Ion	Ratio	Lower	Upper
84	100		
49	100.9	78.6	117.8
51	46.9	26.7	40.1#
86	57.5	50.3	75.5

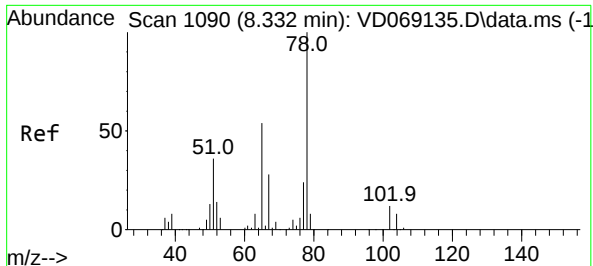


#31
Cyclohexane
Concen: 1.66 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069153.D
Acq: 13 May 2021 13:19



Tgt Ion:	56	Resp:	5413
Ion	Ratio	Lower	Upper
56	100		
69	155.6	30.6	46.0#
84	143.5	88.0	132.0#

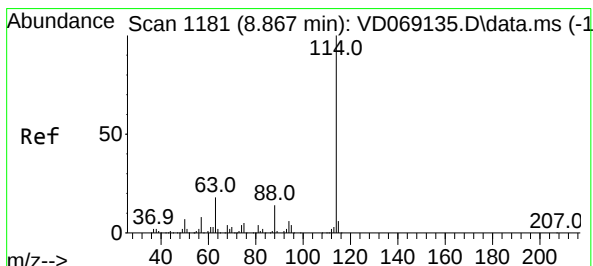
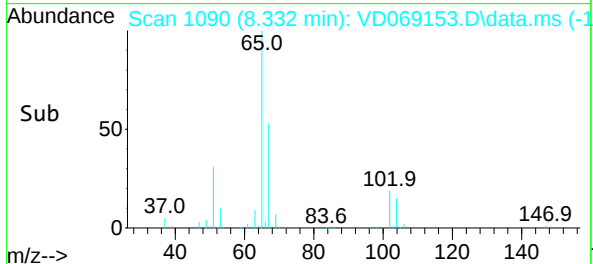
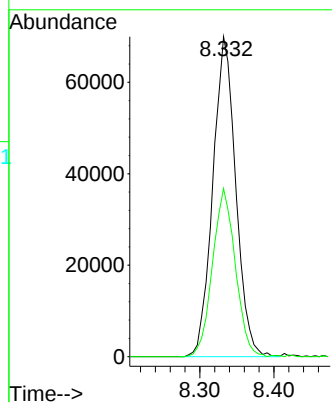
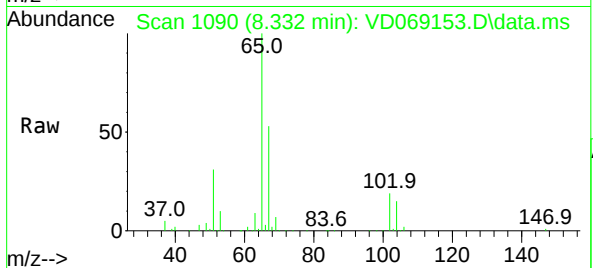




#33
1,2-Dichloroethane-d4
Concen: 68.27 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069153.D
Acq: 13 May 2021 13:19

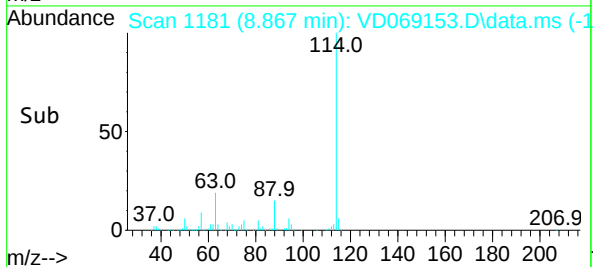
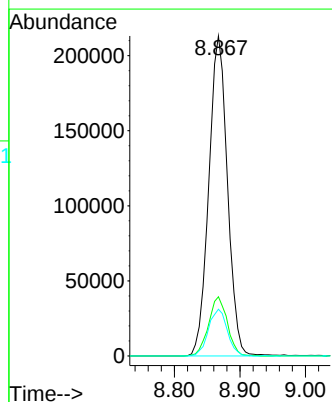
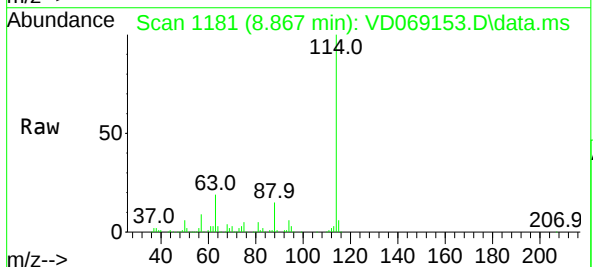
Instrument :
MSVOA_D
ClientSampleId :
OR-02-051221

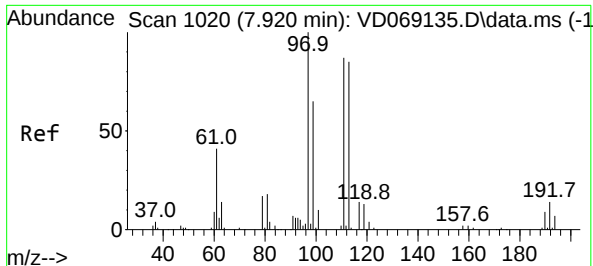
Tgt Ion: 65 Resp: 150432
Ion Ratio Lower Upper
65 100
67 52.3 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069153.D
Acq: 13 May 2021 13:19

Tgt Ion: 114 Resp: 421782
Ion Ratio Lower Upper
114 100
63 18.5 0.0 36.4
88 14.6 0.0 28.2





#35

Dibromofluoromethane

Concen: 55.77 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD069153.D

Acq: 13 May 2021 13:19

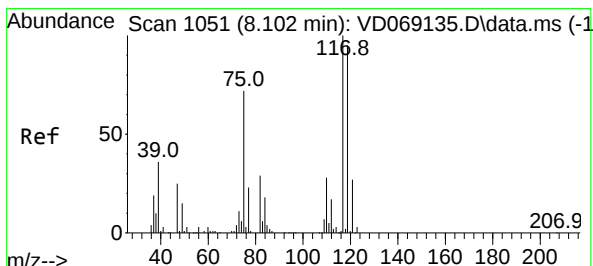
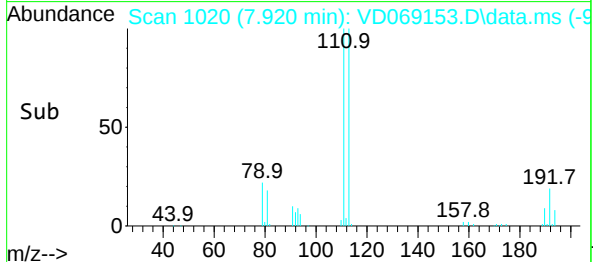
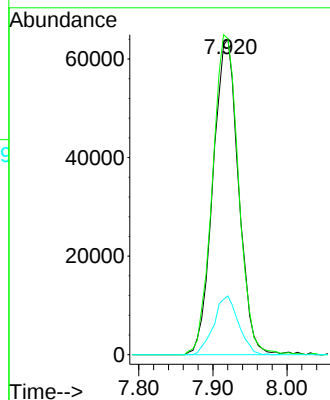
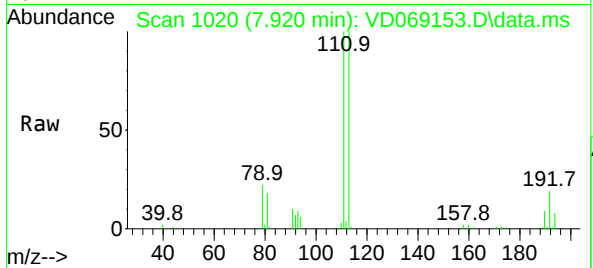
Tgt Ion:113 Resp: 153088

Ion Ratio Lower Upper

113 100

111 103.7 80.6 120.8

192 18.0 14.8 22.2



#38

Carbon Tetrachloride

Concen: 5.31 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.117 min

Lab File: VD069153.D

Acq: 13 May 2021 13:19

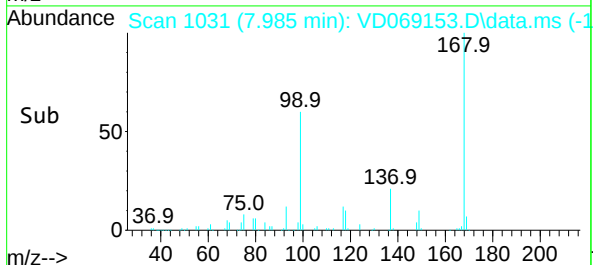
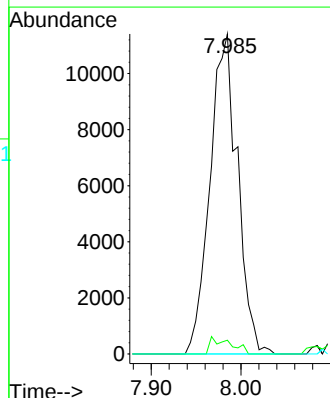
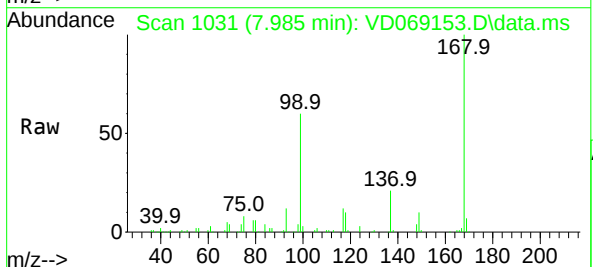
Tgt Ion:117 Resp: 24334

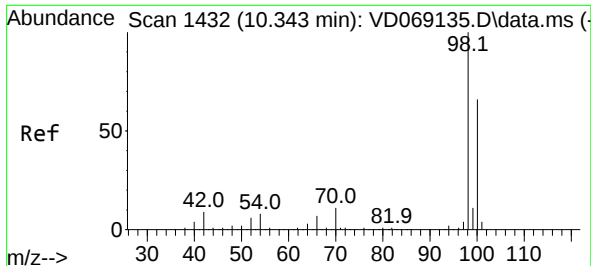
Ion Ratio Lower Upper

117 100

119 4.3 76.2 114.2#

121 0.0 21.9 32.9#

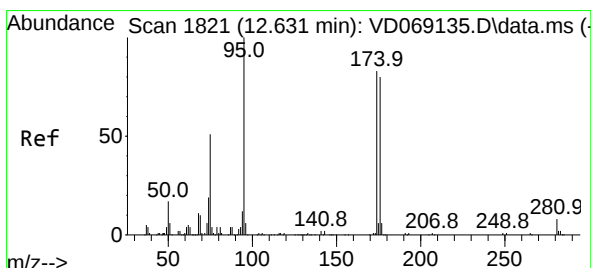
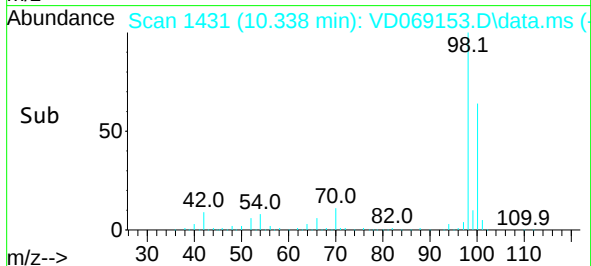
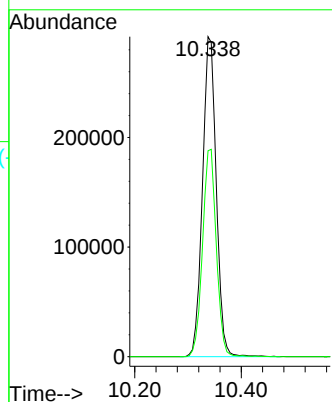
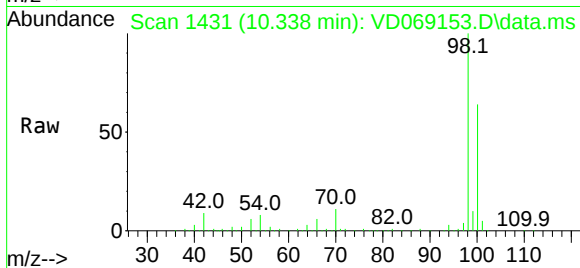




#50
Toluene-d8
Concen: 51.85 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069153.D
Acq: 13 May 2021 13:19

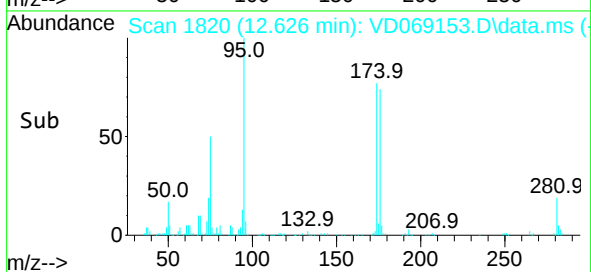
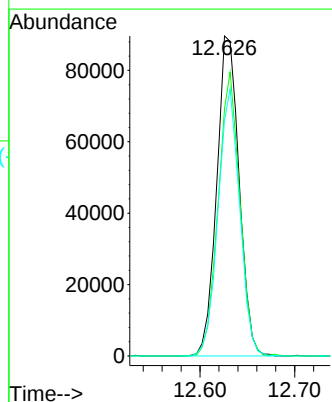
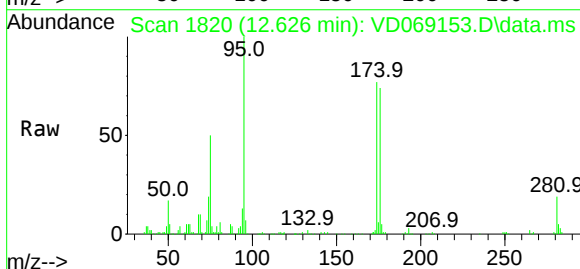
Instrument :
MSVOA_D
ClientSampleId :
OR-02-051221

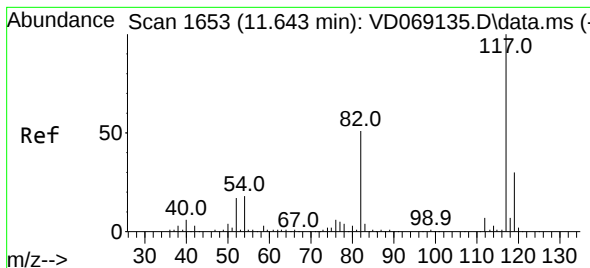
Tgt Ion: 98 Resp: 522920
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 45.38 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069153.D
Acq: 13 May 2021 13:19

Tgt Ion: 95 Resp: 147271
Ion Ratio Lower Upper
95 100
174 85.5 0.0 171.8
176 80.5 0.0 165.4

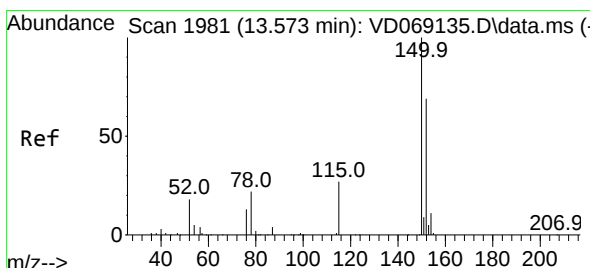
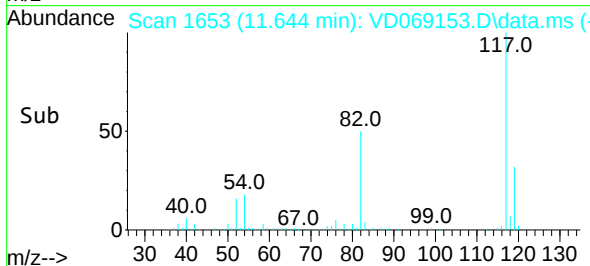
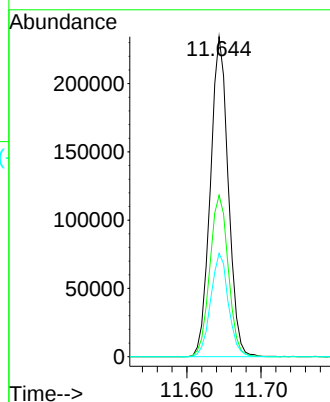
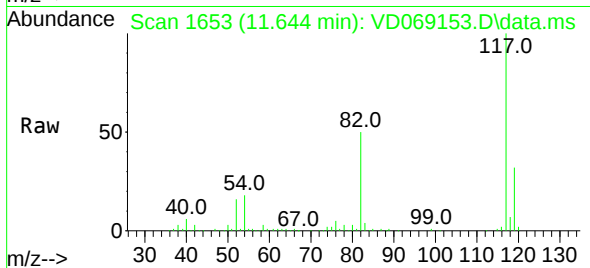




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069153.D
Acq: 13 May 2021 13:19

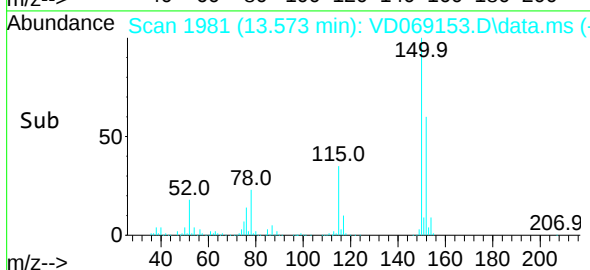
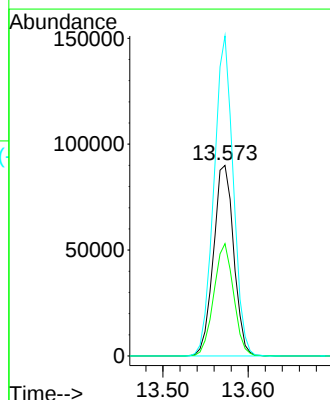
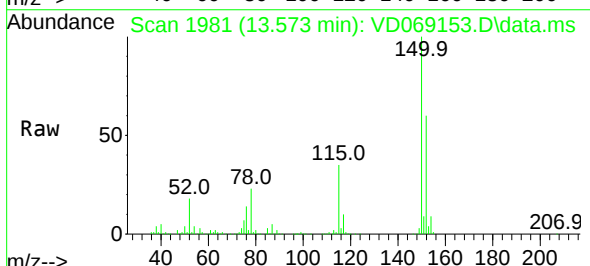
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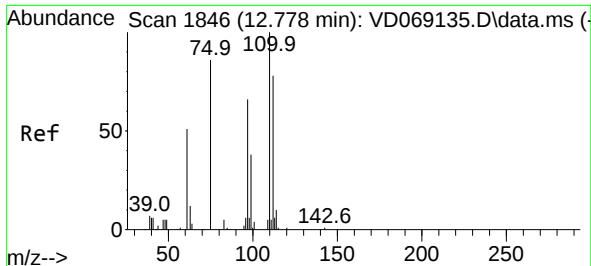
Tgt Ion:117 Resp: 392421
Ion Ratio Lower Upper
117 100
82 50.5 40.5 60.7
119 32.3 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069153.D
Acq: 13 May 2021 13:19

Tgt Ion:152 Resp: 148779
Ion Ratio Lower Upper
152 100
115 57.6 29.9 89.8
150 159.9 0.0 350.2

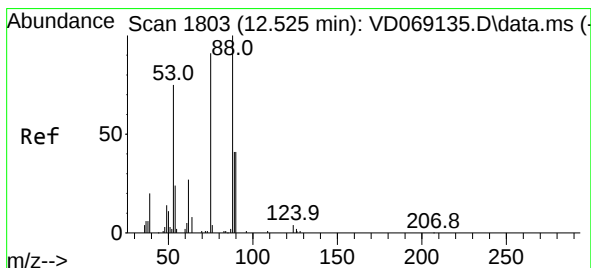
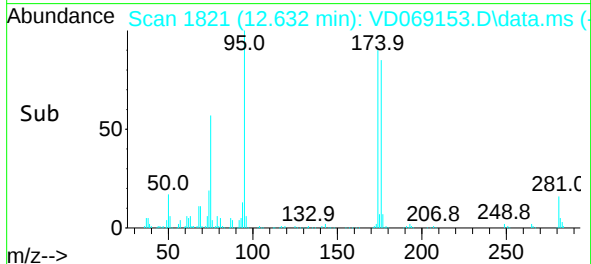
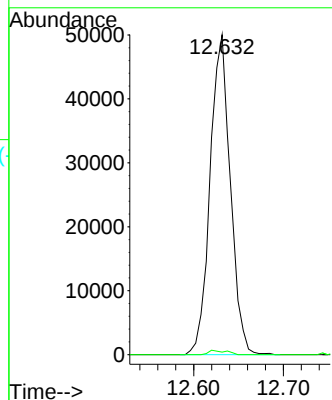
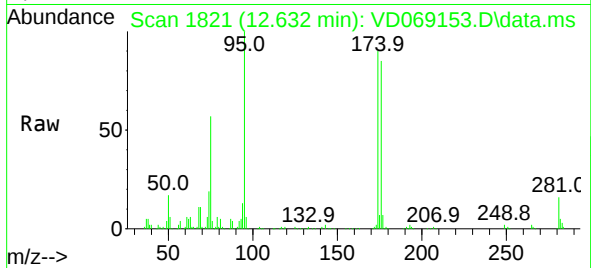




#76
1,2,3-Trichloropropane
Concen: 70.10 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069153.D
Acq: 13 May 2021 13:19

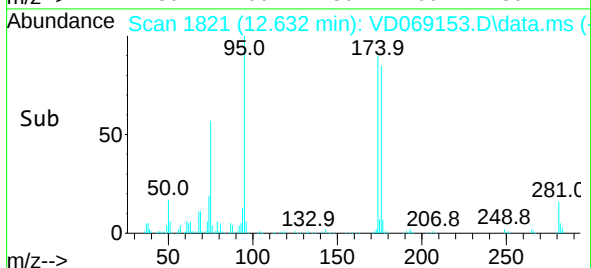
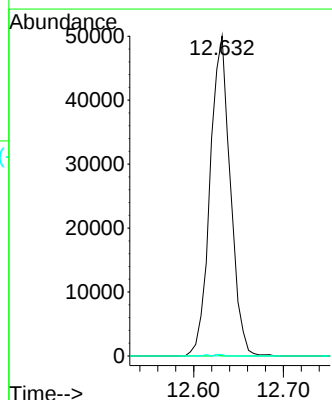
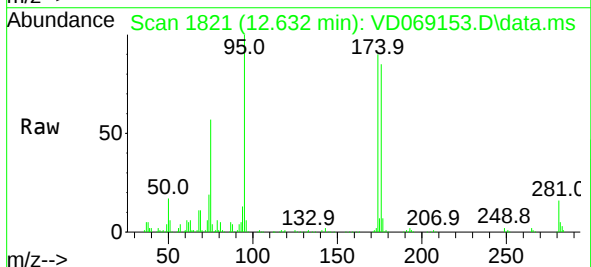
Instrument :
MSVOA_D
ClientSampleId :
OR-02-051221

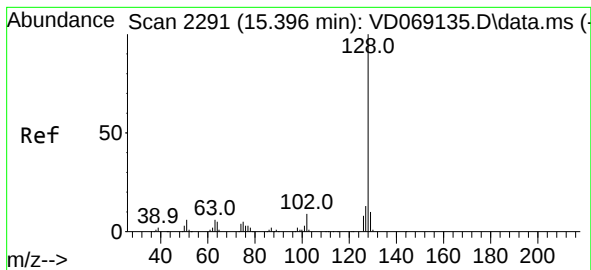
Tgt Ion: 75 Resp: 78402
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 141.60 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069153.D
Acq: 13 May 2021 13:19

Tgt Ion: 75 Resp: 78402
Ion Ratio Lower Upper
75 100
53 0.1 70.0 105.0#
89 0.3 40.2 60.2#





#95
Naphthalene
Concen: 3.54 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069153.D
Acq: 13 May 2021 13:19

Instrument :
MSVOA_D
ClientSampleId :
OR-02-051221

Tgt Ion:128 Resp: 7574
Ion Ratio Lower Upper
128 100
127 17.2 10.5 15.7#
129 12.3 8.9 13.3

