

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
 Data File : VD069183.D
 Acq On : 14 May 2021 18:16
 Operator : VA/SY
 Sample : M2367-05
 Misc : 6.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PV-SP2

Quant Time: May 15 02:36:45 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)

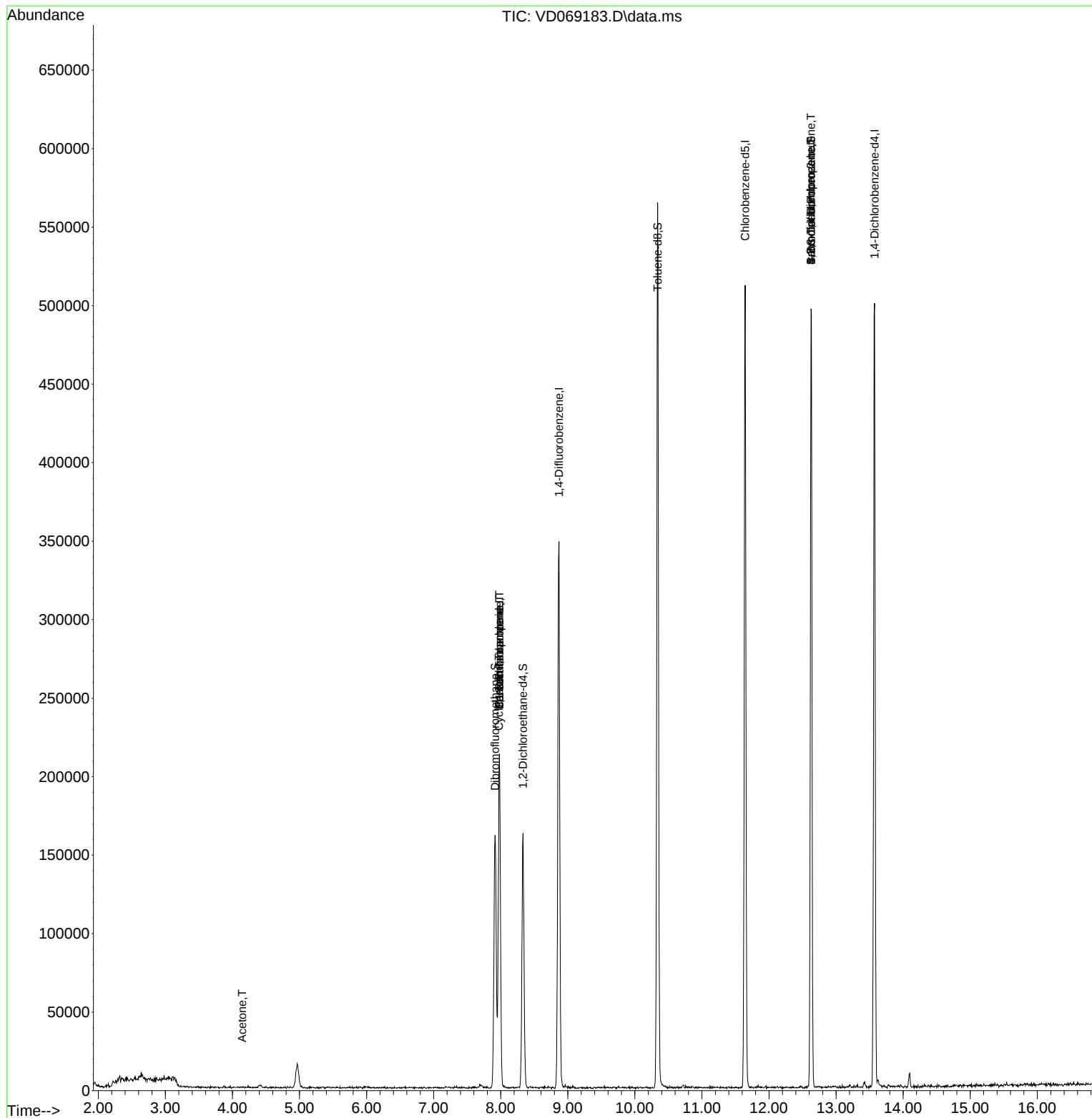
Internal Standards						
1) Pentafluorobenzene	7.979	168	153626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	305644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	303570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	137018	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	124322	80.72	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 161.44%			
35) Dibromofluoromethane	7.914	113	118490	59.57	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.14%			
50) Toluene-d8	10.338	98	394016	53.91	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.82%			
62) 4-Bromofluorobenzene	12.626	95	126182	53.66	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.32%			
Target Compounds						
16) Acetone	4.144	43	494	2.09	ug/l #	41
20) Methylene Chloride	4.967	84	13167	Below Cal	#	89
31) Cyclohexane	7.973	56	3739	1.64	ug/l #	50
36) 1,1-Dichloropropene	7.979	75	13245	4.46	ug/l #	47
38) Carbon Tetrachloride	7.979	117	14991	4.51	ug/l #	20
71) Bromoform	12.626	173	1684	1.36	ug/l #	28
76) 1,2,3-Trichloropropane	12.626	75	65245	63.35	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	65245	127.96	ug/l #	14

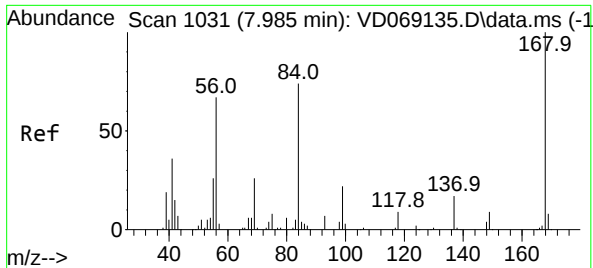
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

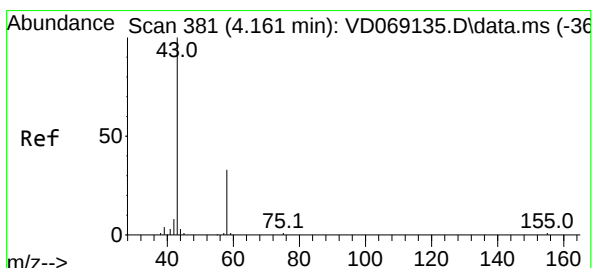
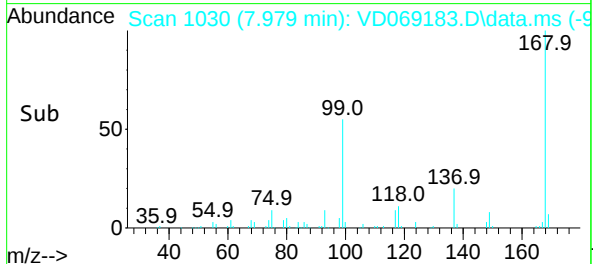
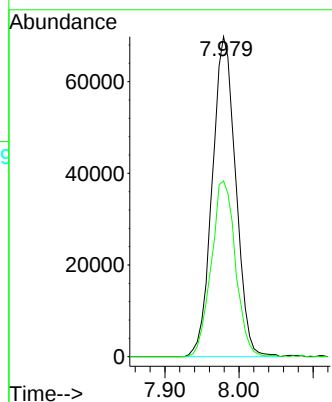
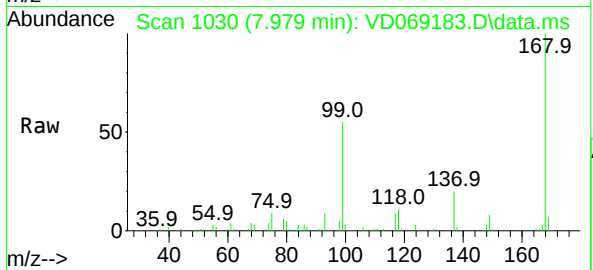




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069183.D
Acq: 14 May 2021 18:16

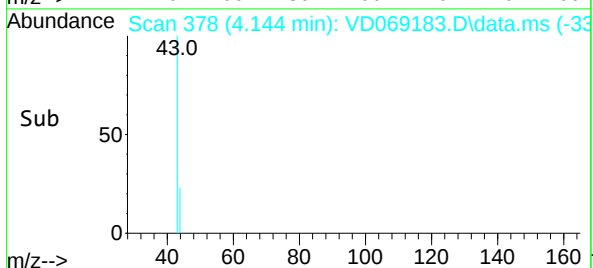
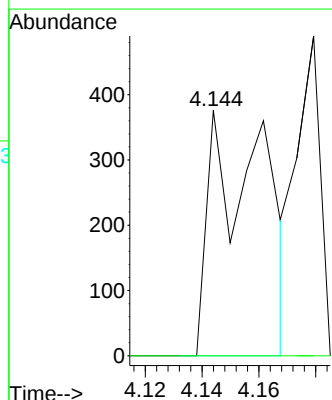
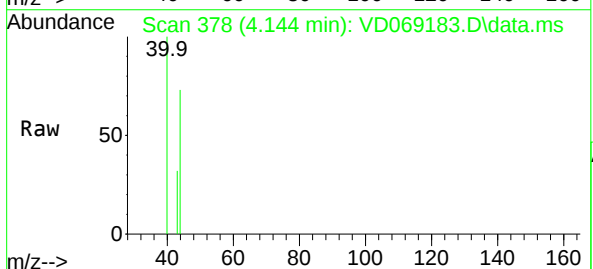
Instrument :
MSVOA_D
ClientSampleId :
PV-SP2

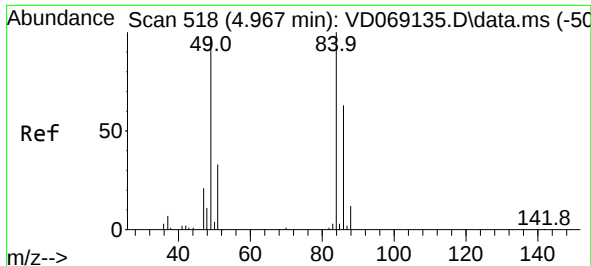
Tgt Ion:168 Resp: 153626
Ion Ratio Lower Upper
168 100
99 54.9 47.2 70.8



#16
Acetone
Concen: 2.09 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.017 min
Lab File: VD069183.D
Acq: 14 May 2021 18:16

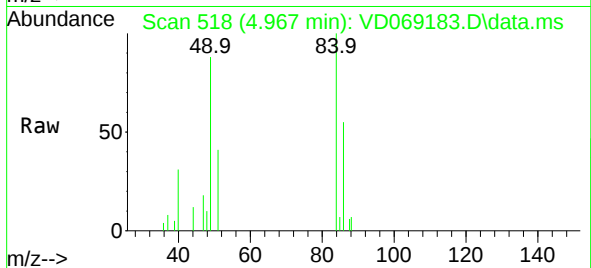
Tgt Ion: 43 Resp: 494
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



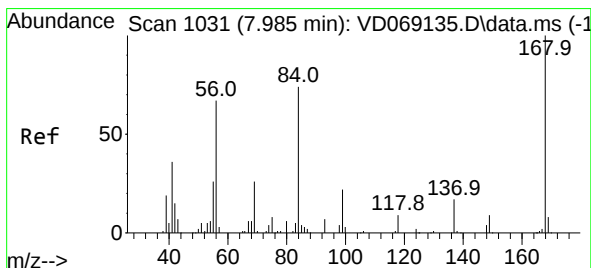
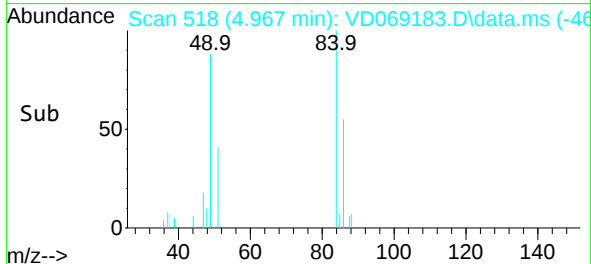
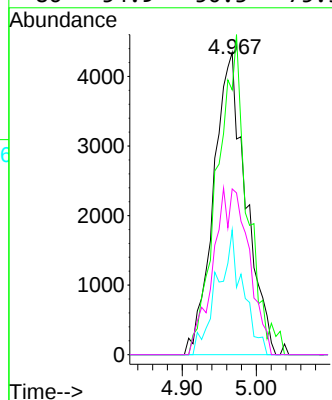


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069183.D
Acq: 14 May 2021 18:16

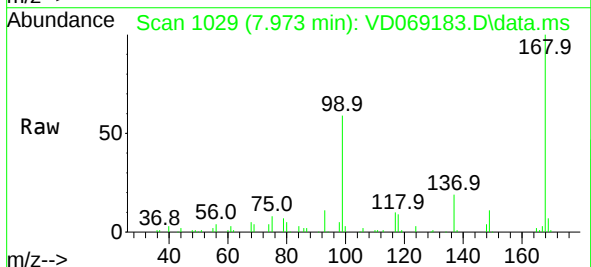
Instrument :
MSVOA_D
ClientSampleId :
PV-SP2



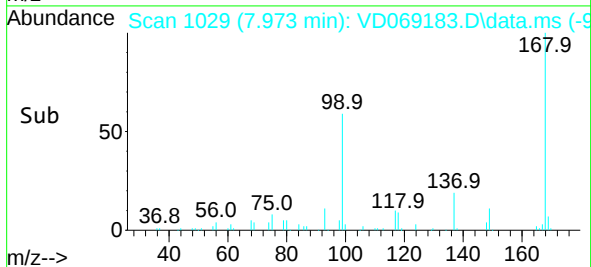
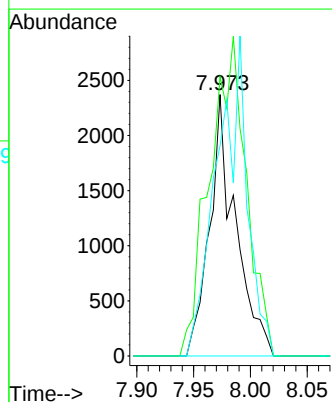
Tgt Ion:	84	Resp:	13167
Ion	Ratio	Lower	Upper
84	100		
49	87.7	78.6	117.8
51	41.3	26.7	40.1#
86	54.9	50.3	75.5

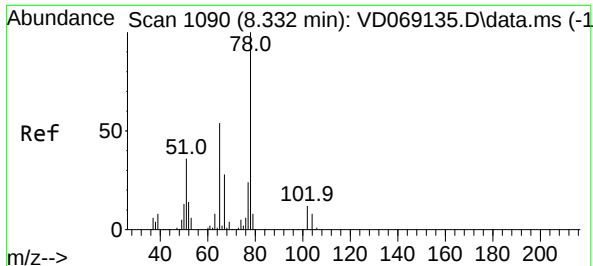


#31
Cyclohexane
Concen: 1.64 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.011 min
Lab File: VD069183.D
Acq: 14 May 2021 18:16



Tgt Ion:	56	Resp:	3739
Ion	Ratio	Lower	Upper
56	100		
69	106.7	30.6	46.0#
84	80.4	88.0	132.0#



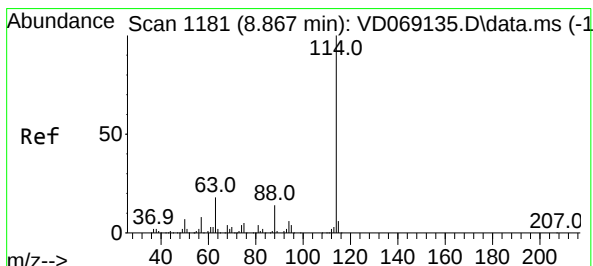
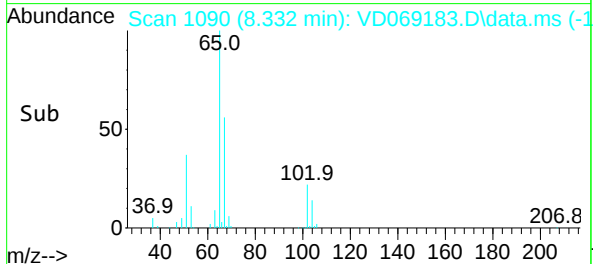
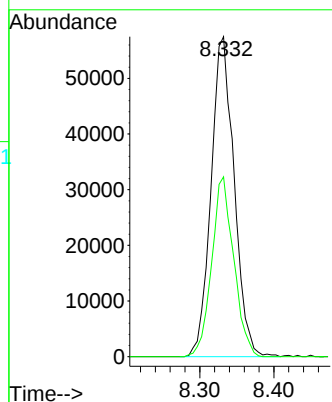
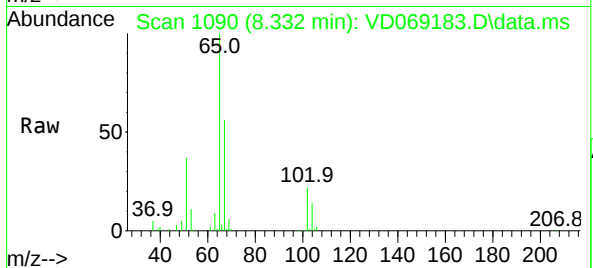


#33

1,2-Dichloroethane-d4
Concen: 80.72 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069183.D
Acq: 14 May 2021 18:16

Instrument :
MSVOA_D
ClientSampleId :
PV-SP2

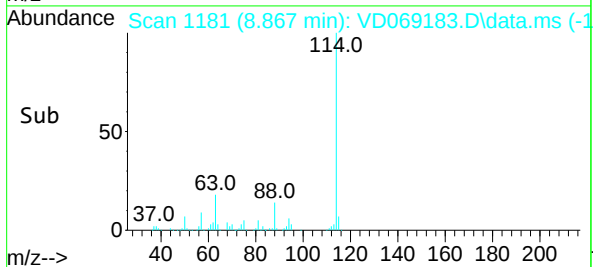
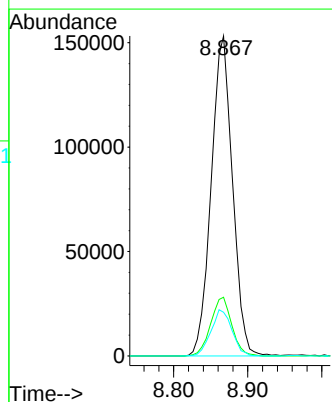
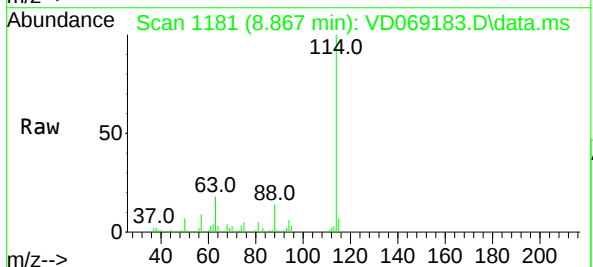
Tgt Ion: 65 Resp: 124322
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.0

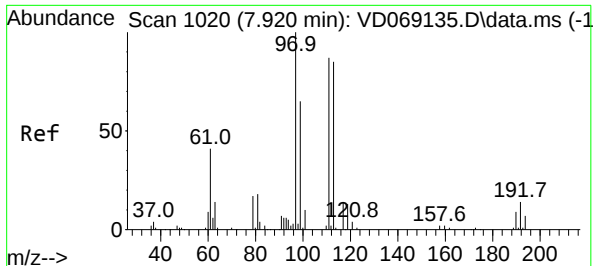


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069183.D
Acq: 14 May 2021 18:16

Tgt Ion: 114 Resp: 305644
Ion Ratio Lower Upper
114 100
63 18.3 0.0 36.4
88 13.7 0.0 28.2





#35

Dibromofluoromethane

Concen: 59.57 ug/l

RT: 7.914 min Scan# 1019

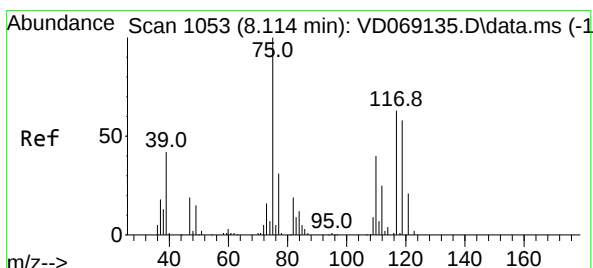
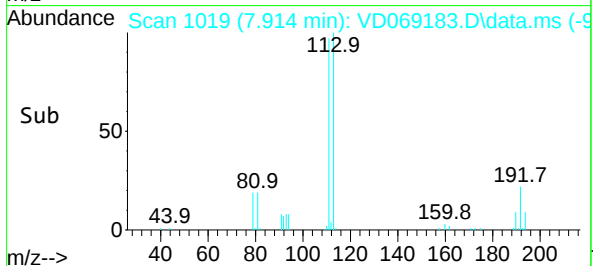
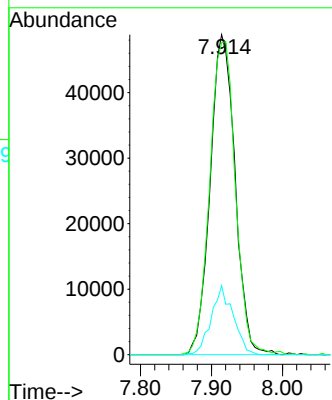
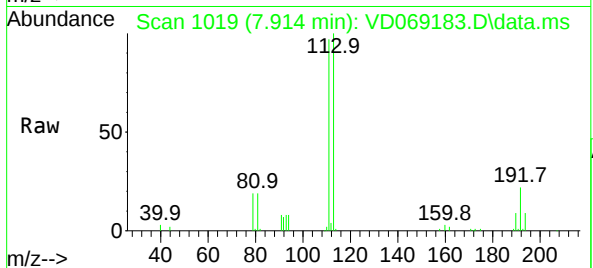
Delta R.T. -0.006 min

Lab File: VD069183.D

Acq: 14 May 2021 18:16

Tgt Ion:	113	Resp:	118490
Ion	Ratio	Lower	Upper
113	100		
111	101.4	80.6	120.8
192	19.1	14.8	22.2

Instrument :
MSVOA_D
ClientSampleId :
PV-SP2



#36

1,1-Dichloropropene

Concen: 4.46 ug/l

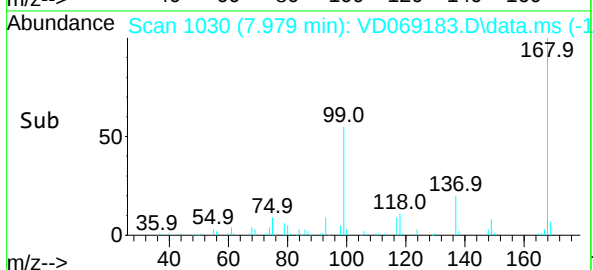
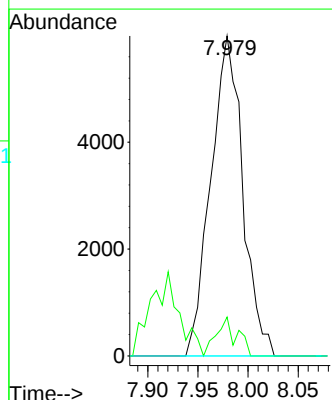
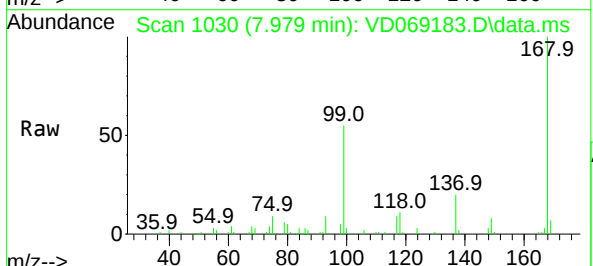
RT: 7.979 min Scan# 1030

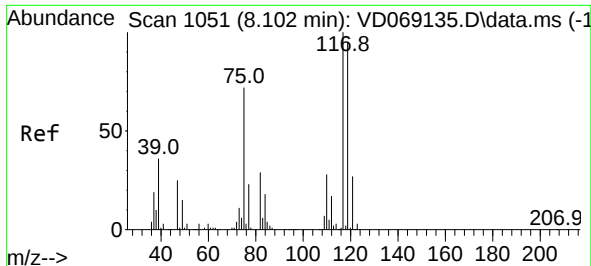
Delta R.T. -0.135 min

Lab File: VD069183.D

Acq: 14 May 2021 18:16

Tgt Ion:	75	Resp:	13245
Ion	Ratio	Lower	Upper
75	100		
110	7.8	18.8	56.4#
77	0.0	25.2	37.8#

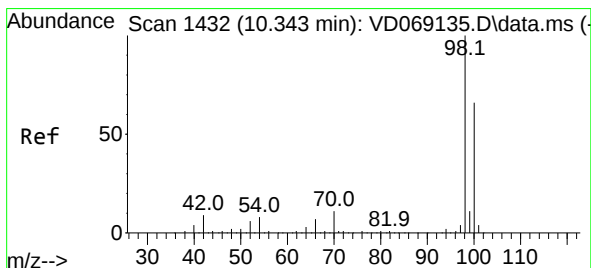
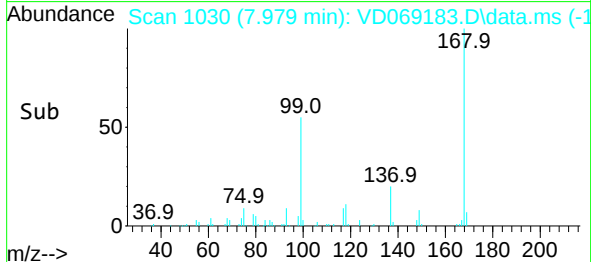
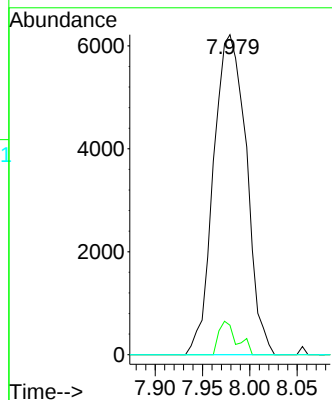
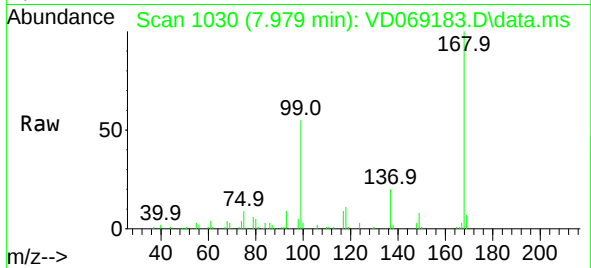




#38
Carbon Tetrachloride
Concen: 4.51 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD069183.D
Acq: 14 May 2021 18:16

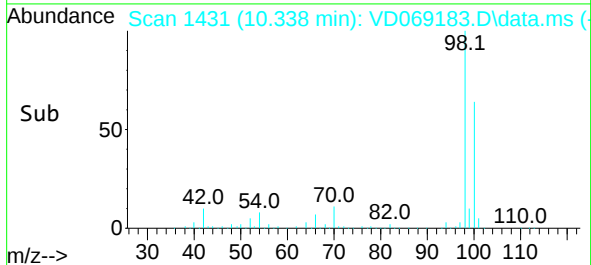
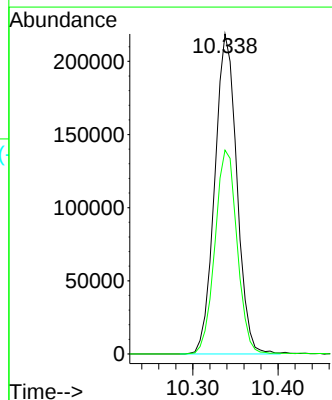
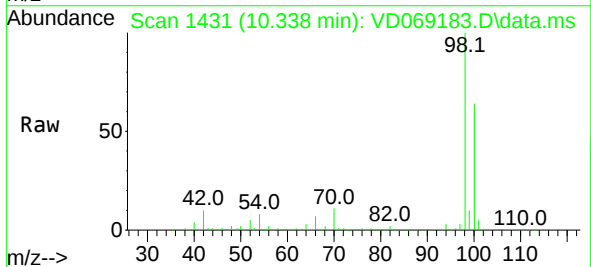
Instrument :
MSVOA_D
ClientSampleId :
PV-SP2

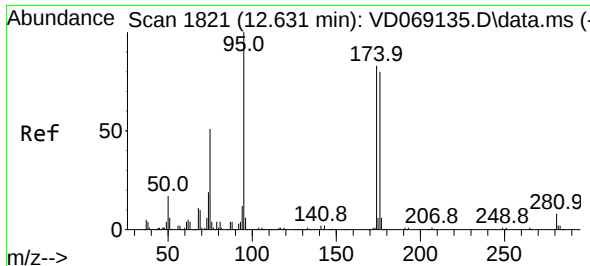
Tgt Ion:117 Resp: 14991
Ion Ratio Lower Upper
117 100
119 9.2 76.2 114.2#
121 0.0 21.9 32.9#



#50
Toluene-d8
Concen: 53.91 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069183.D
Acq: 14 May 2021 18:16

Tgt Ion: 98 Resp: 394016
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.8

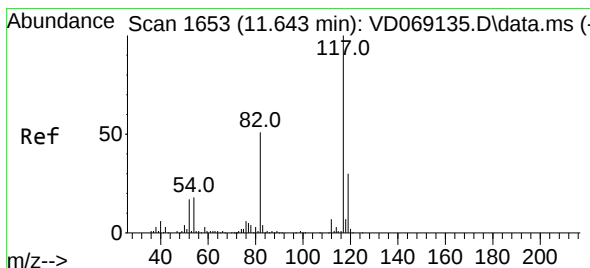
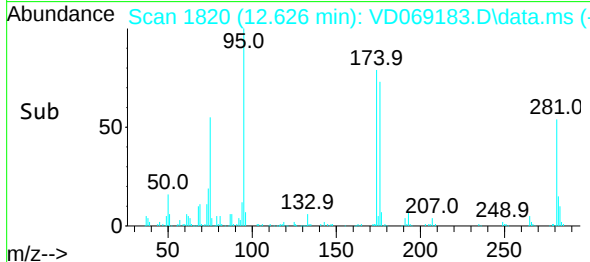
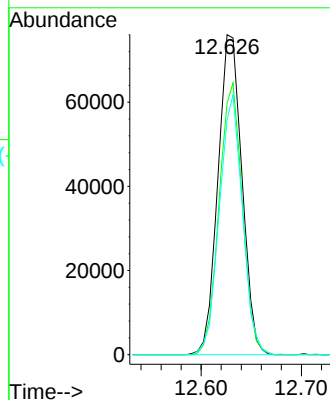
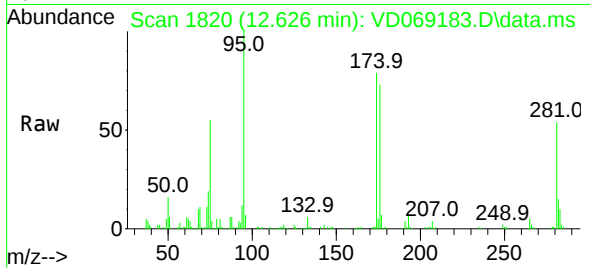




#62
4-Bromofluorobenzene
Concen: 53.66 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069183.D
Acq: 14 May 2021 18:16

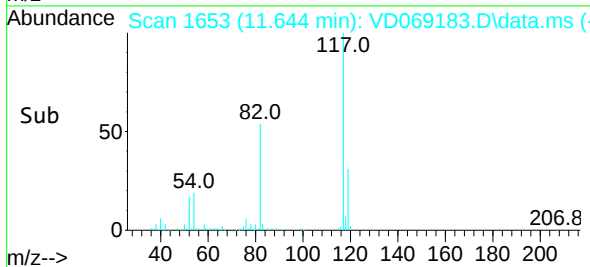
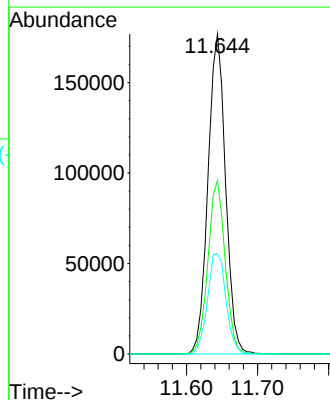
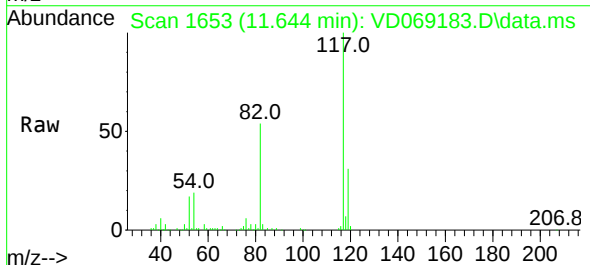
Instrument :
MSVOA_D
ClientSampleId :
PV-SP2

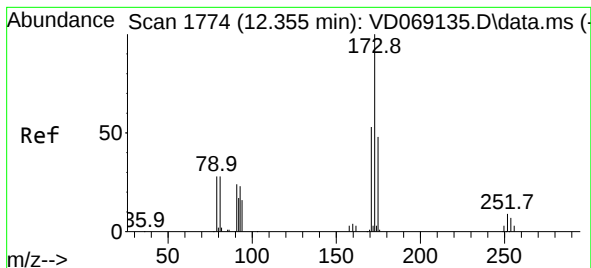
Tgt Ion: 95 Resp: 126182
Ion Ratio Lower Upper
95 100
174 82.0 0.0 171.8
176 78.2 0.0 165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069183.D
Acq: 14 May 2021 18:16

Tgt Ion: 117 Resp: 303570
Ion Ratio Lower Upper
117 100
82 54.2 40.5 60.7
119 31.3 24.2 36.4





#71

Bromoform

Concen: 1.36 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. 0.271 min

Lab File: VD069183.D

Acq: 14 May 2021 18:16

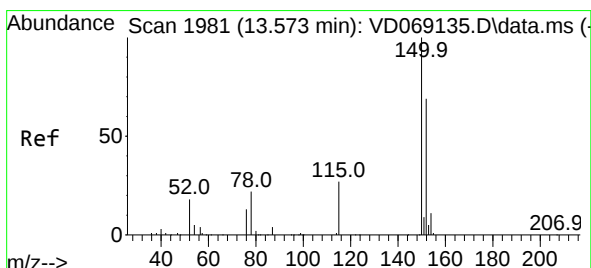
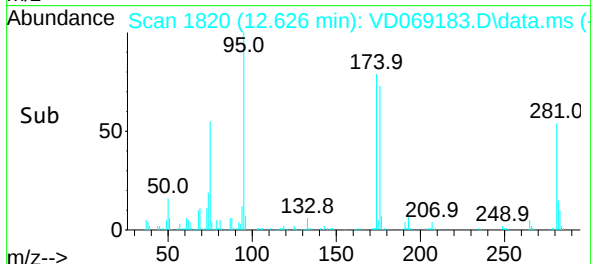
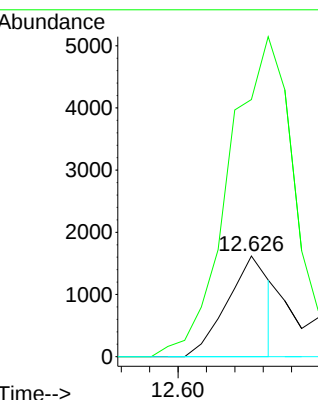
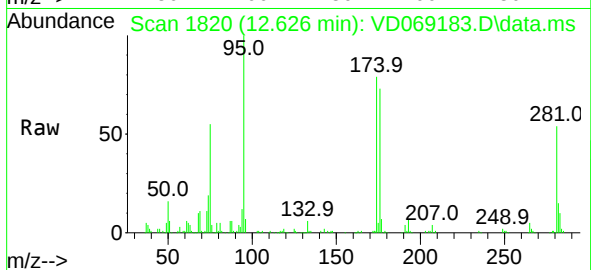
Tgt Ion:173 Resp: 1684

Ion Ratio Lower Upper

173 100

175 0.0 24.3 73.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.573 min Scan# 1981

Delta R.T. 0.000 min

Lab File: VD069183.D

Acq: 14 May 2021 18:16

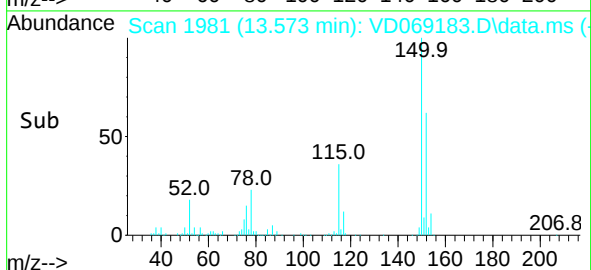
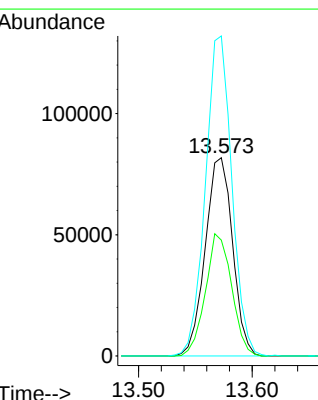
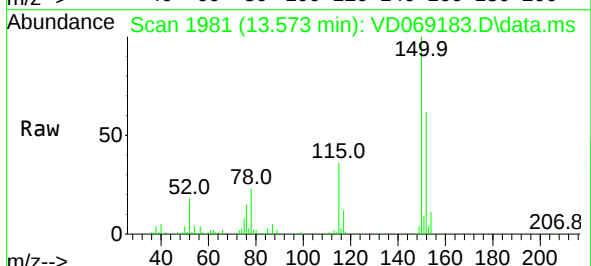
Tgt Ion:152 Resp: 137018

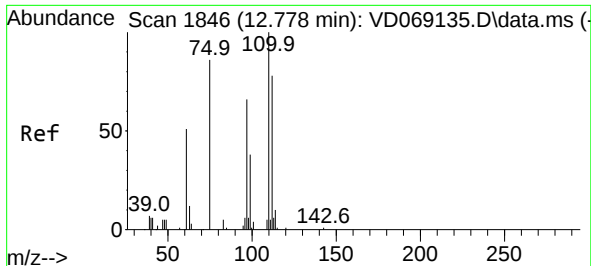
Ion Ratio Lower Upper

152 100

115 59.0 29.9 89.8

150 156.1 0.0 350.2

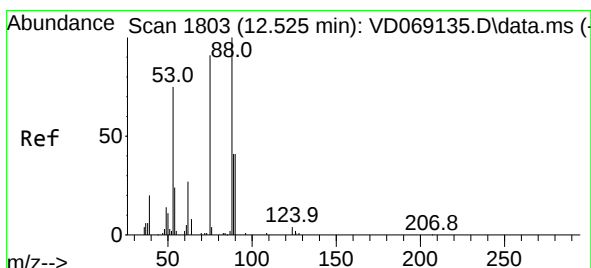
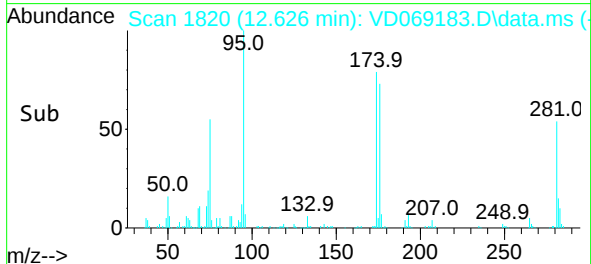
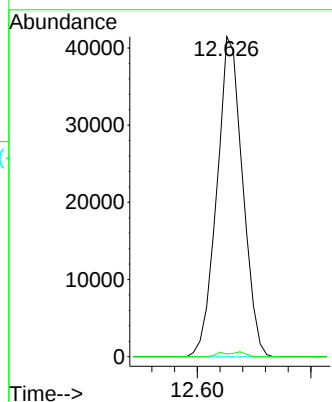
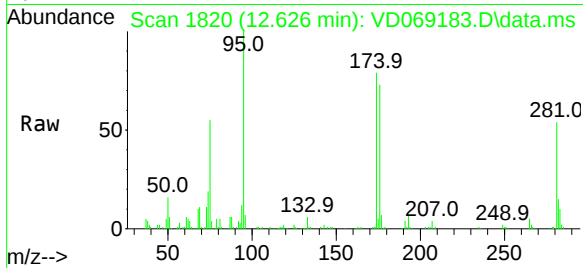




#76
1,2,3-Trichloropropane
Concen: 63.35 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069183.D
Acq: 14 May 2021 18:16

Instrument :
MSVOA_D
ClientSampleId :
PV-SP2

Tgt Ion: 75 Resp: 65245
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.96 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069183.D
Acq: 14 May 2021 18:16

Tgt Ion: 75 Resp: 65245
Ion Ratio Lower Upper
75 100
53 0.2 70.0 105.0#
89 0.9 40.2 60.2#

