

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123020\
 Data File : VD067982.D
 Acq On : 30 Dec 2020 18:23
 Operator : VA/SY
 Sample : L5235-01RE
 Misc : 5.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-122920

Quant Time: Dec 31 00:17:36 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

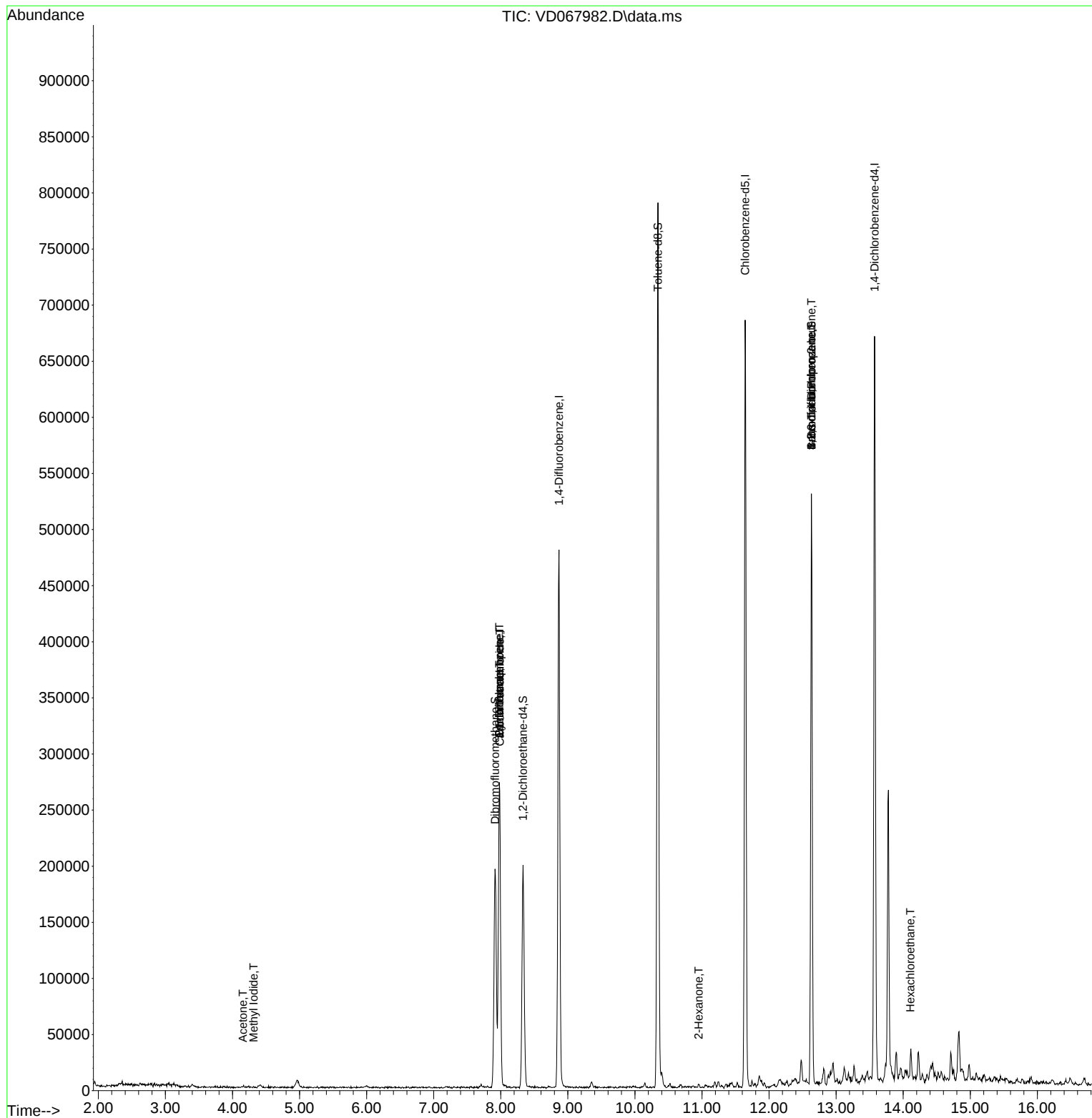
Internal Standards						
1) Pentafluorobenzene	7.979	168	191926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	397335	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	384565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	171146	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	146562	70.72	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 141.44%			
35) Dibromofluoromethane	7.914	113	145008	57.92	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.84%			
50) Toluene-d8	10.344	98	521311	55.40	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.80%			
62) 4-Bromofluorobenzene	12.632	95	168061	52.21	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.42%			
Target Compounds						
5) Bromomethane	2.785	94	56	Below Cal	#	40
10) Methyl Iodide	4.314	142	54	3.87 ug/l	#	41
16) Acetone	4.156	43	1199	3.03 ug/l	#	70
20) Methylene Chloride	4.973	84	4339	Below Cal	#	92
31) Cyclohexane	7.979	56	5212	1.23 ug/l	#	21
36) 1,1-Dichloropropene	7.979	75	17429	4.13 ug/l	#	50
38) Carbon Tetrachloride	7.985	117	20673	5.13 ug/l	#	18
59) 2-Hexanone	10.949	43	1124	1.05 ug/l	#	24
71) Bromoform	12.632	173	2074	1.39 ug/l	#	1
76) 1,2,3-Trichloropropane	12.632	75	88552	61.45 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.632	75	88552	125.97 ug/l	#	13
90) Hexachloroethane	14.108	117	2304	1.01 ug/l	#	16

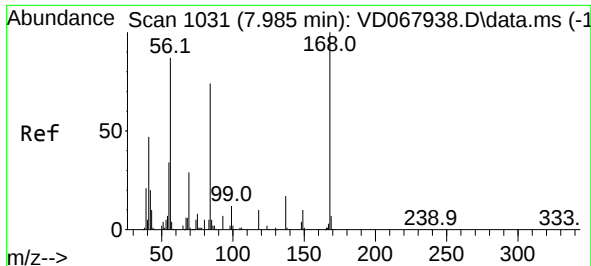
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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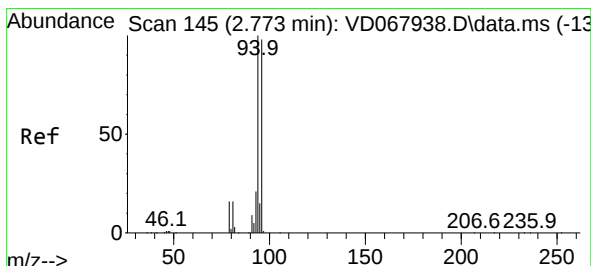
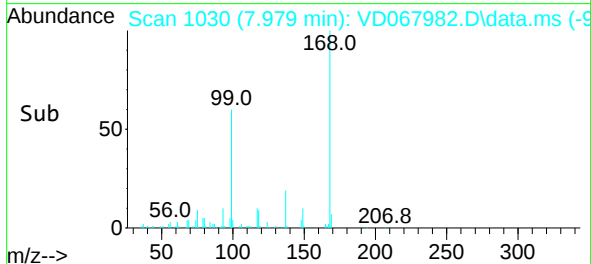
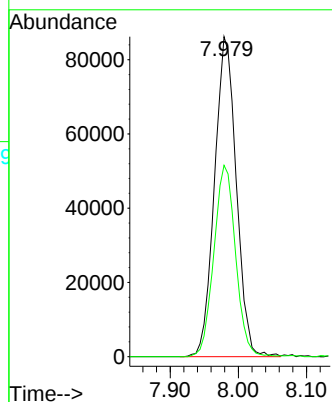
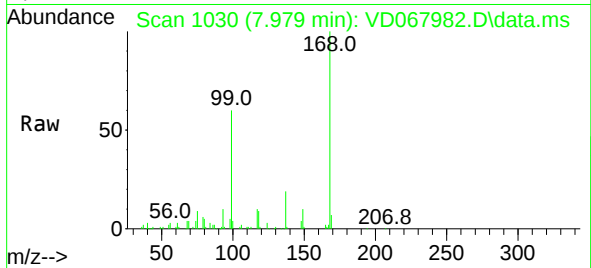




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067982.D
Acq: 30 Dec 2020 18:23

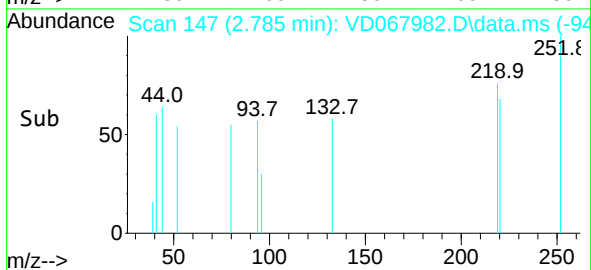
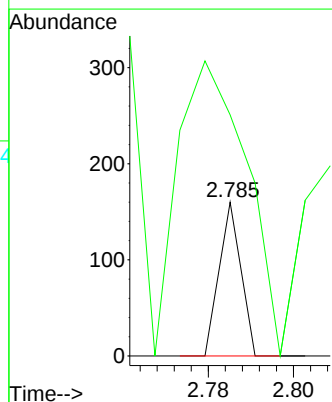
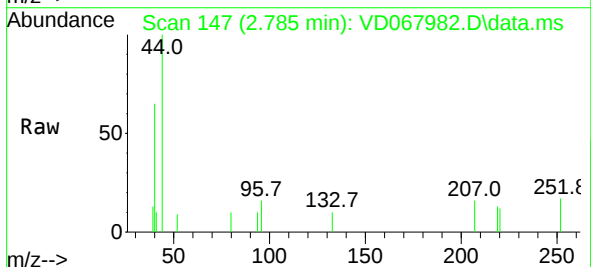
Instrument :
MSVOA_D
ClientSampleId :
TR-05-122920

Tgt Ion:168 Resp: 191926
Ion Ratio Lower Upper
168 100
99 59.8 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.012 min
Lab File: VD067982.D
Acq: 30 Dec 2020 18:23

Tgt Ion: 94 Resp: 56
Ion Ratio Lower Upper
94 100
96 156.9 78.0 117.0#





#10

Methyl Iodide

Concen: 3.87 ug/l

RT: 4.314 min Scan# 407

Delta R.T. 0.011 min

Lab File: VD067982.D

Acq: 30 Dec 2020 18:23

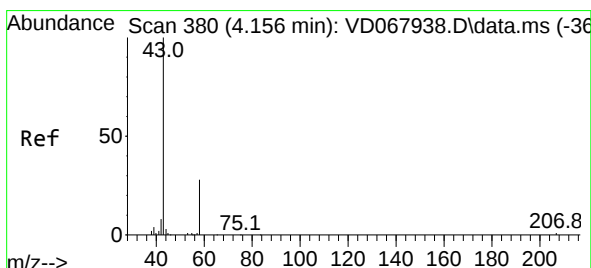
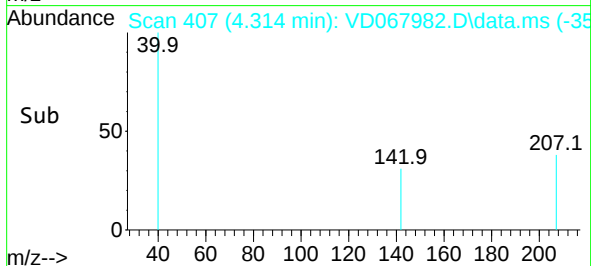
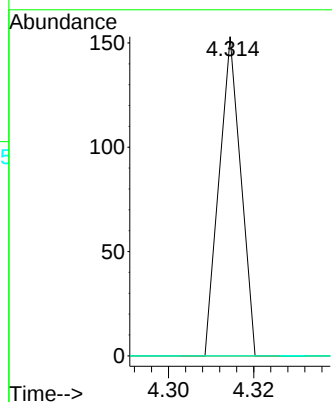
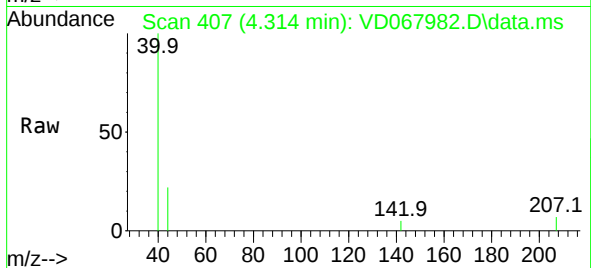
Instrument :

MSVOA_D

ClientSampleId :

TR-05-122920

Tgt Ion:	142	Resp:	54
Ion	Ratio	Lower	Upper
142	100		
127	0.0	34.4	51.6#
141	0.0	11.8	17.8#



#16

Acetone

Concen: 3.03 ug/l

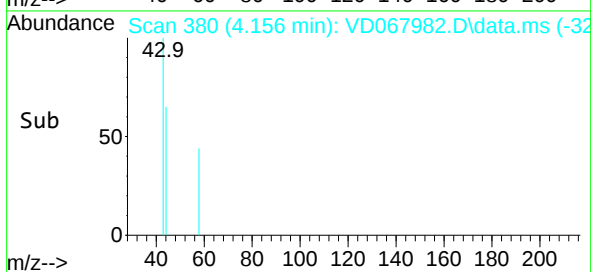
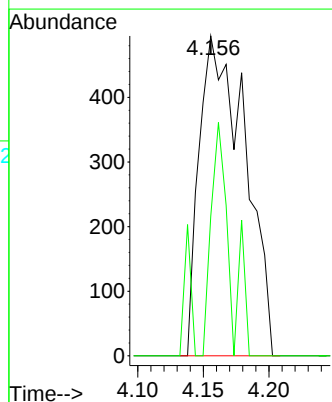
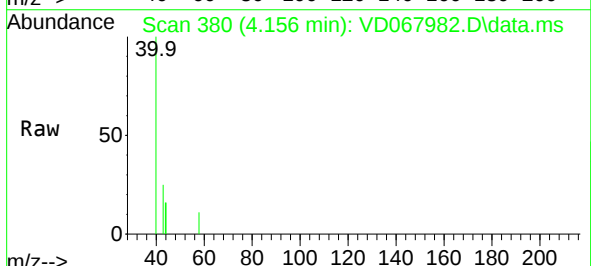
RT: 4.156 min Scan# 380

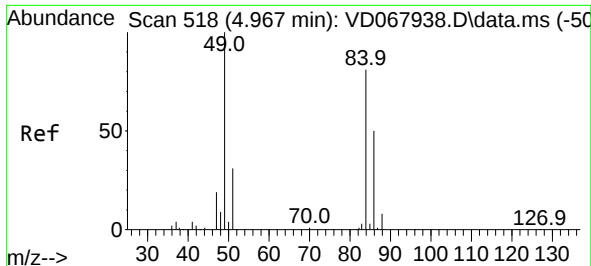
Delta R.T. 0.000 min

Lab File: VD067982.D

Acq: 30 Dec 2020 18:23

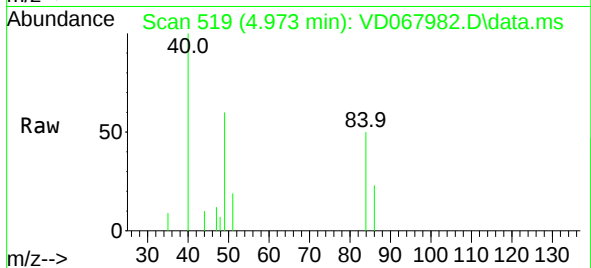
Tgt Ion:	43	Resp:	1199
Ion	Ratio	Lower	Upper
43	100		
58	43.6	22.3	33.5#



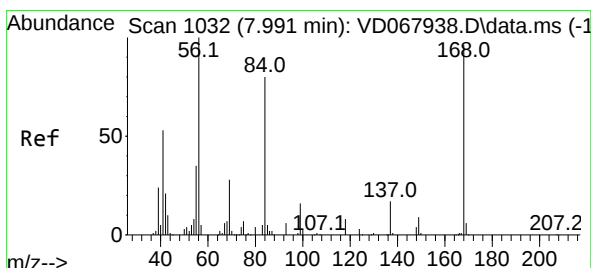
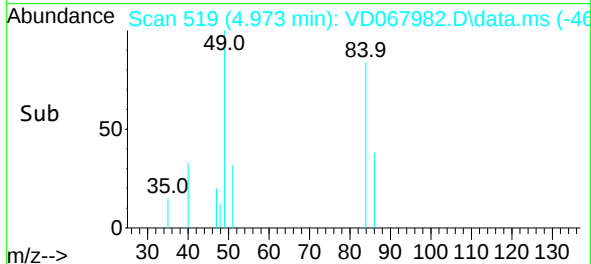
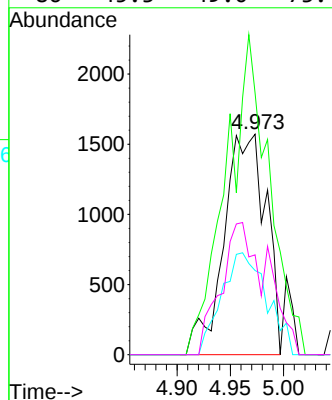


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD067982.D
Acq: 30 Dec 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
TR-05-122920

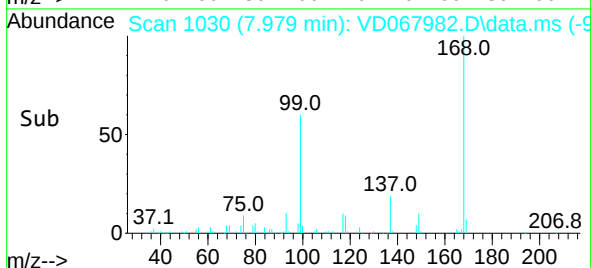
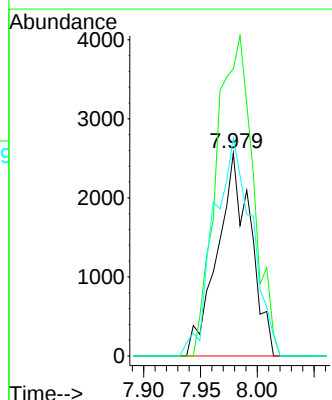
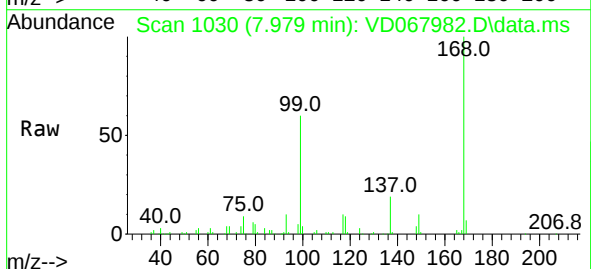


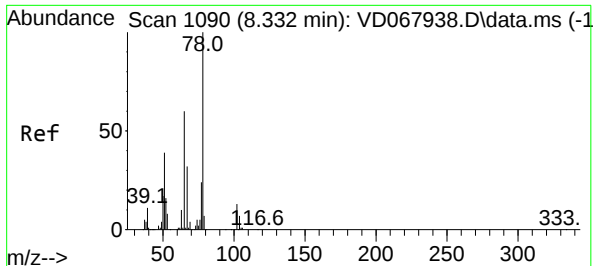
Tgt Ion: 84 Resp: 4339
Ion Ratio Lower Upper
84 100
49 118.6 98.3 147.5
51 38.2 30.3 45.5
86 45.3 49.0 73.4#



#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD067982.D
Acq: 30 Dec 2020 18:23

Tgt Ion: 56 Resp: 5212
Ion Ratio Lower Upper
56 100
69 141.6 22.7 34.1#
84 107.5 64.2 96.4#

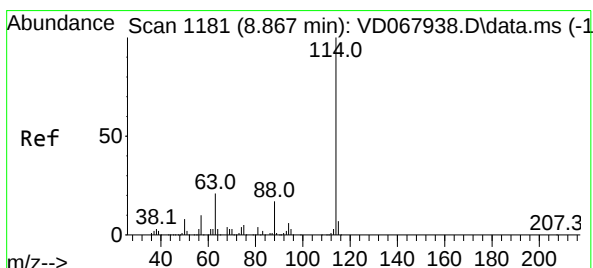
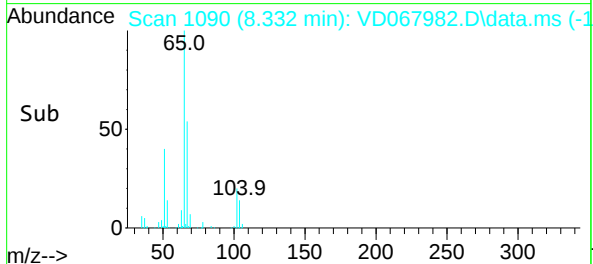
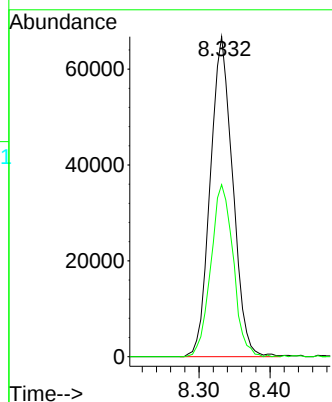
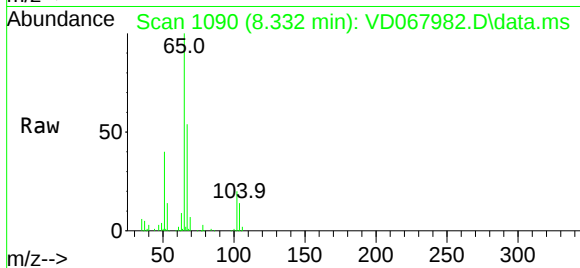




#33
1,2-Dichloroethane-d4
Concen: 70.72 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD067982.D
Acq: 30 Dec 2020 18:23

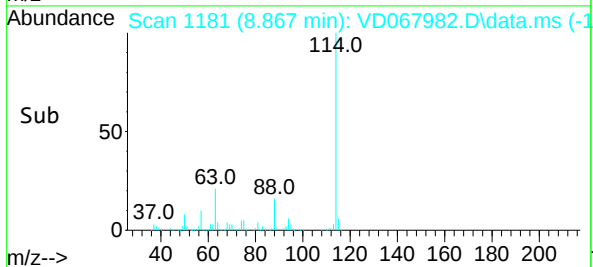
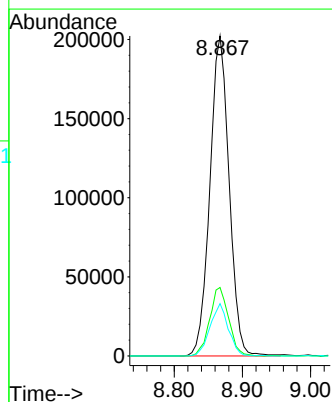
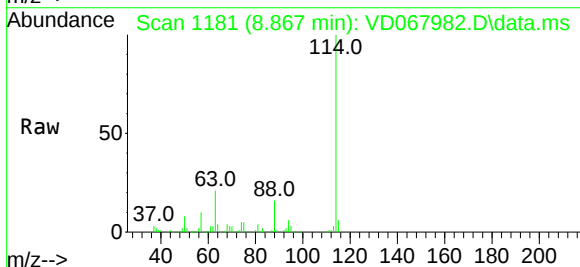
Instrument :
MSVOA_D
ClientSampleId :
TR-05-122920

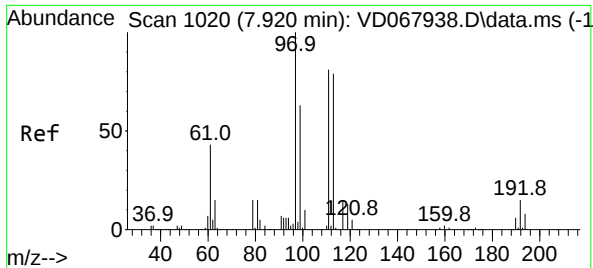
Tgt Ion: 65 Resp: 146562
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD067982.D
Acq: 30 Dec 2020 18:23

Tgt Ion: 114 Resp: 397335
Ion Ratio Lower Upper
114 100
63 21.4 0.0 41.4
88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 57.92 ug/l

RT: 7.914 min Scan# 1019

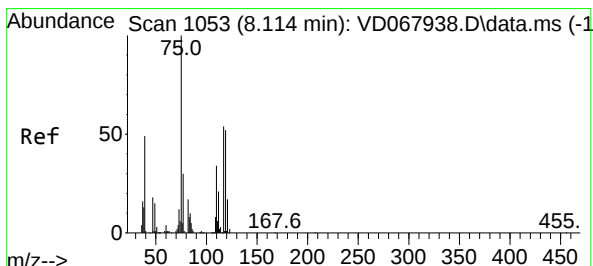
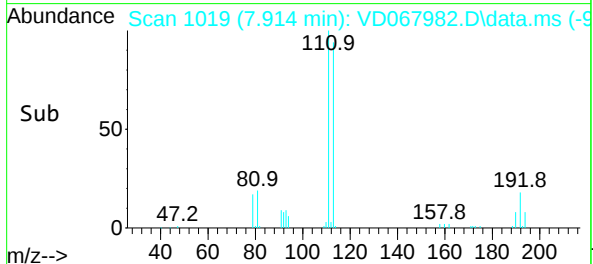
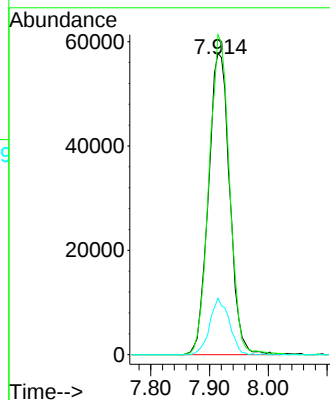
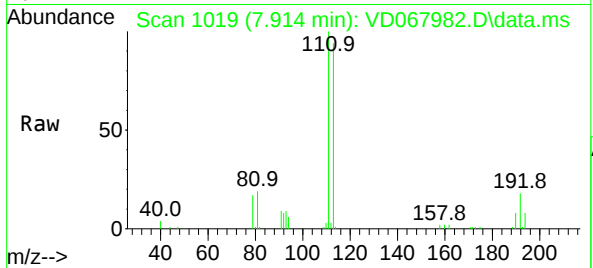
Delta R.T. -0.006 min

Lab File: VD067982.D

Acq: 30 Dec 2020 18:23

Tgt Ion:	113	Resp:	145008
Ion	Ratio	Lower	Upper
113	100		
111	102.4	79.3	118.9
192	17.2	14.5	21.7

Instrument :
MSVOA_D
ClientSampleId :
TR-05-122920



#36

1,1-Dichloropropene

Concen: 4.13 ug/l

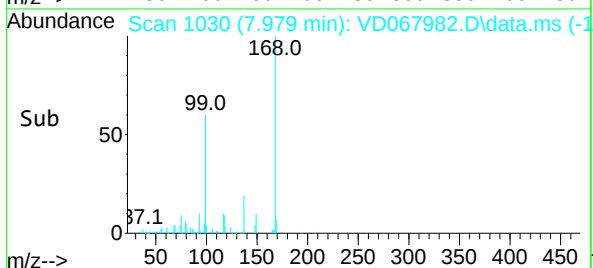
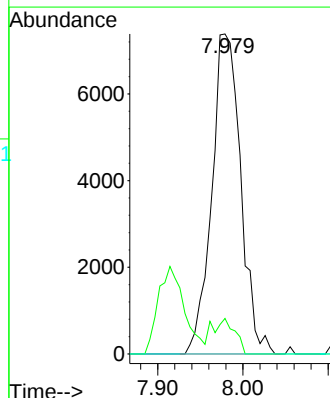
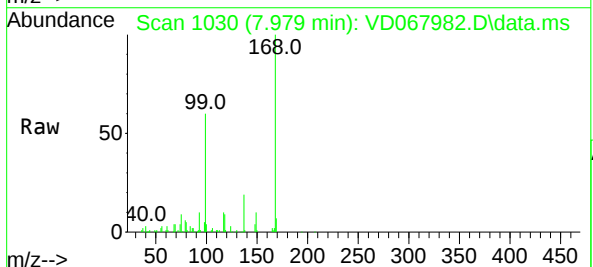
RT: 7.979 min Scan# 1030

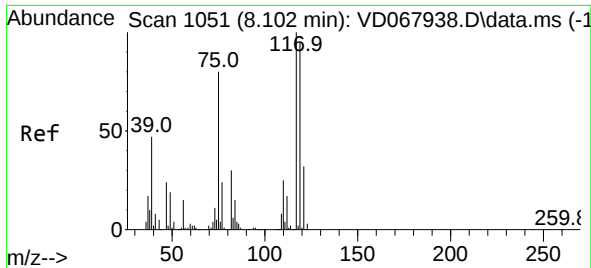
Delta R.T. -0.135 min

Lab File: VD067982.D

Acq: 30 Dec 2020 18:23

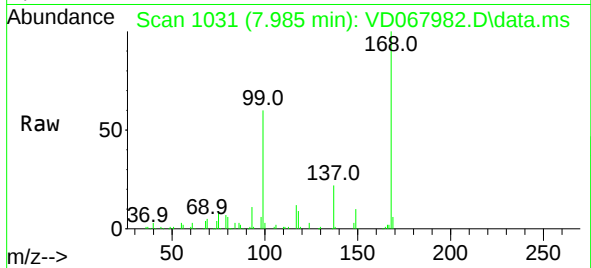
Tgt Ion:	75	Resp:	17429
Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.0	51.0#
77	0.0	24.6	37.0#



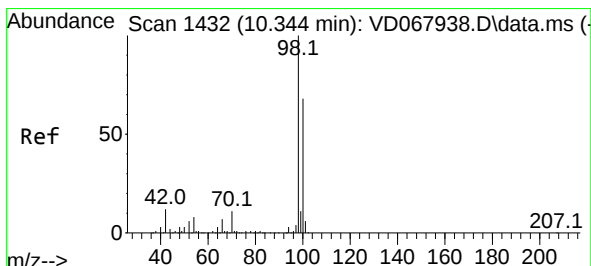
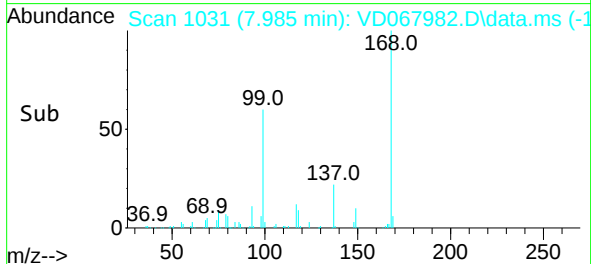
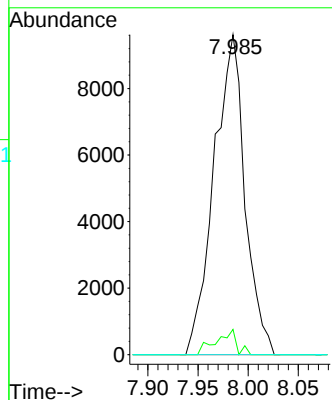


#38
Carbon Tetrachloride
Concen: 5.13 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.118 min
Lab File: VD067982.D
Acq: 30 Dec 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
TR-05-122920

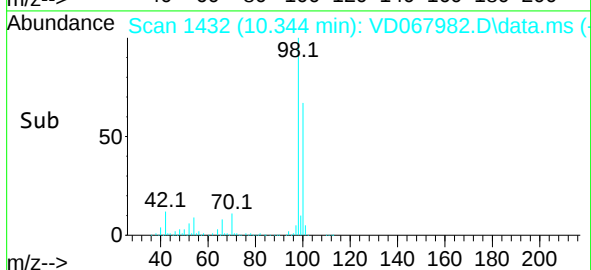
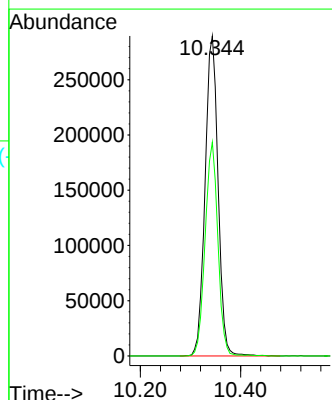
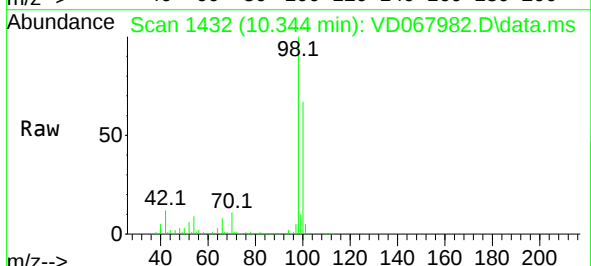


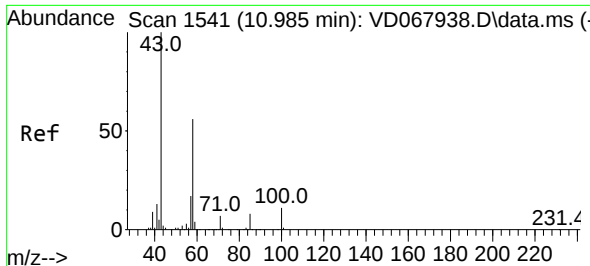
Tgt Ion:117 Resp: 20673
Ion Ratio Lower Upper
117 100
119 7.9 76.2 114.4#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 55.40 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067982.D
Acq: 30 Dec 2020 18:23

Tgt Ion: 98 Resp: 521311
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

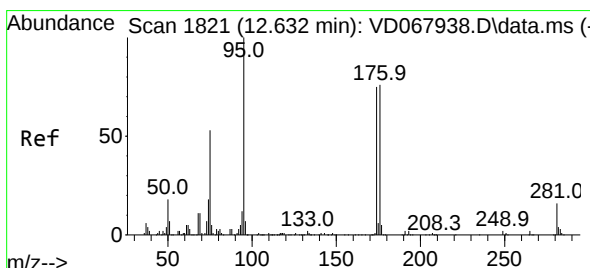
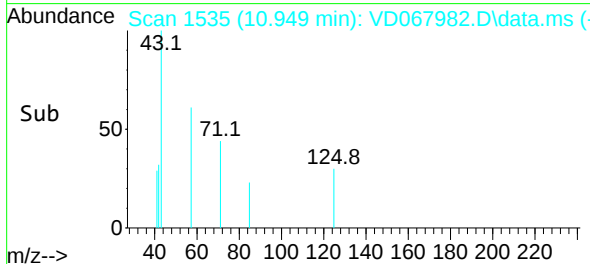
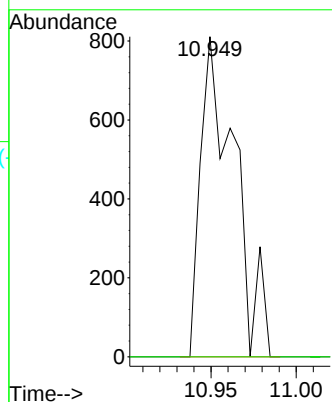
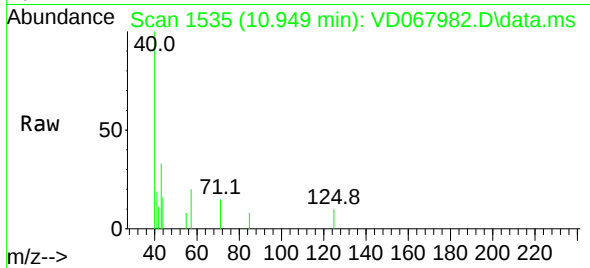




#59
2-Hexanone
Concen: 1.05 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.035 min
Lab File: VD067982.D
Acq: 30 Dec 2020 18:23

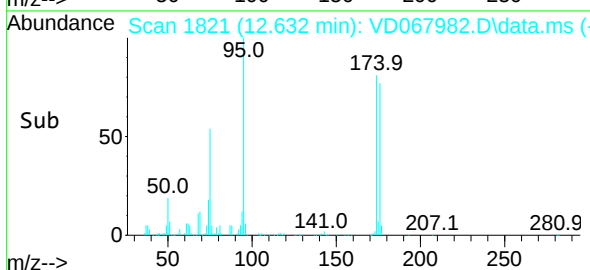
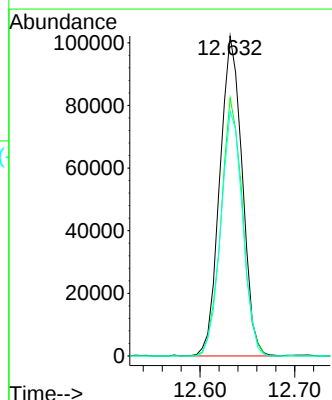
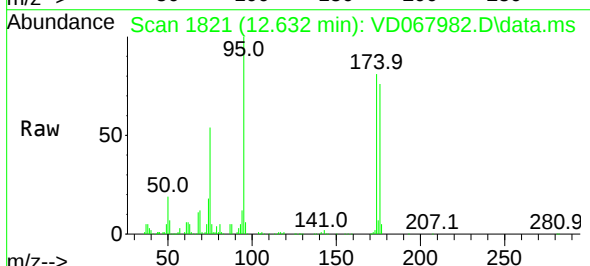
Instrument :
MSVOA_D
ClientSampleId :
TR-05-122920

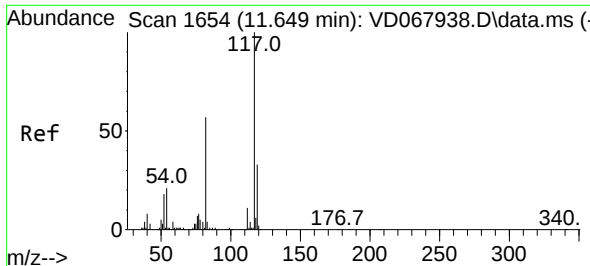
Tgt Ion: 43 Resp: 1124
Ion Ratio Lower Upper
43 100
58 0.0 27.5 82.4#



#62
4-Bromofluorobenzene
Concen: 52.21 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067982.D
Acq: 30 Dec 2020 18:23

Tgt Ion: 95 Resp: 168061
Ion Ratio Lower Upper
95 100
174 77.5 0.0 150.6
176 74.7 0.0 151.2

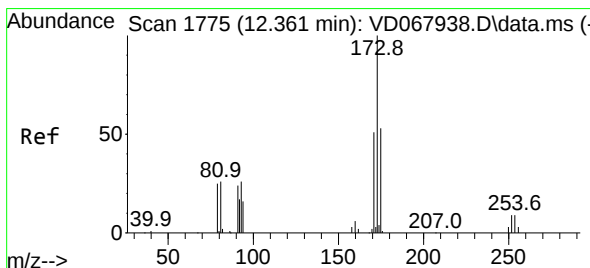
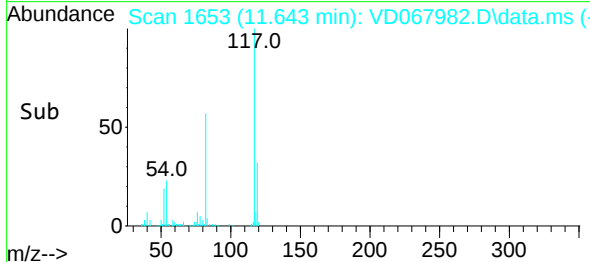
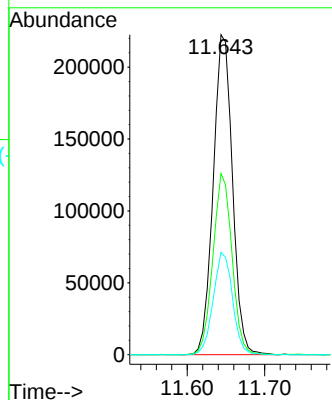
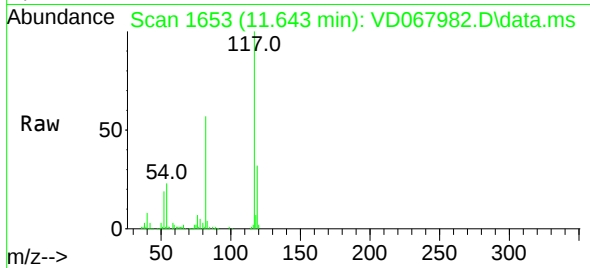




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD067982.D
Acq: 30 Dec 2020 18:23

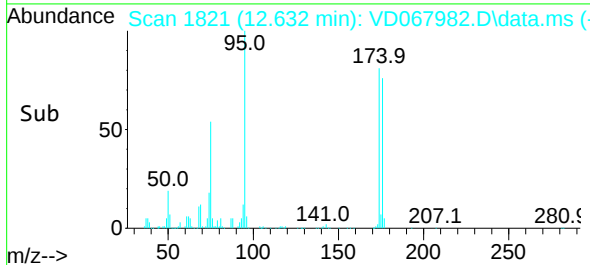
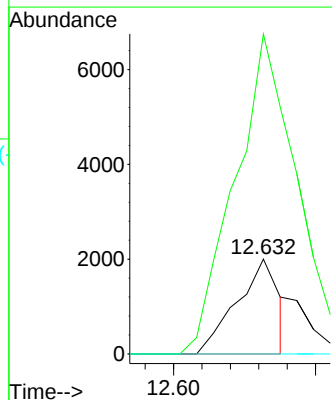
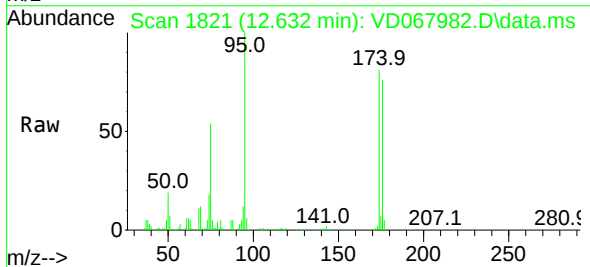
Instrument :
MSVOA_D
ClientSampleId :
TR-05-122920

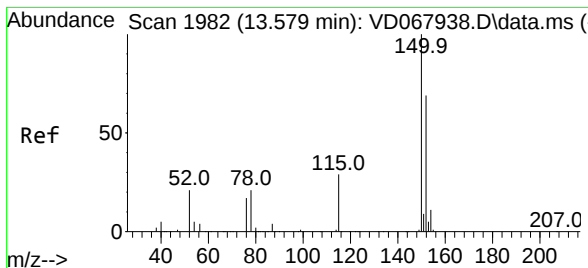
Tgt Ion:117 Resp: 384565
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.0
119 31.9 26.7 40.1



#71
Bromoform
Concen: 1.39 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD067982.D
Acq: 30 Dec 2020 18:23

Tgt Ion:173 Resp: 2074
Ion Ratio Lower Upper
173 100
175 374.1 24.6 73.8#
254 0.0 0.0 0.0

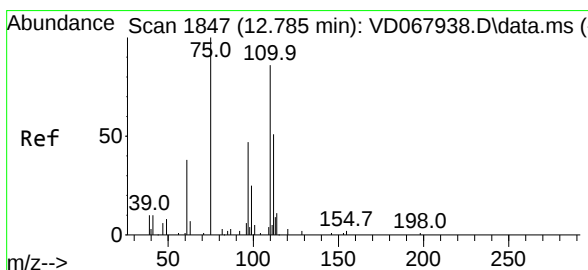
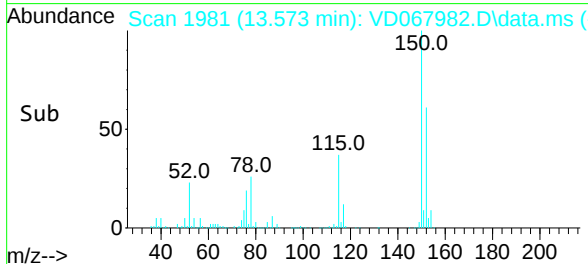
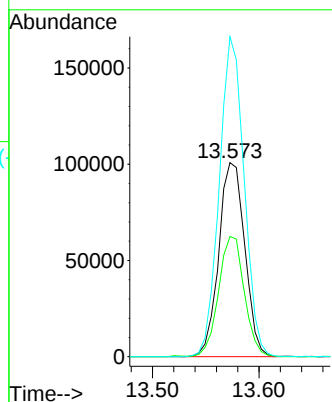
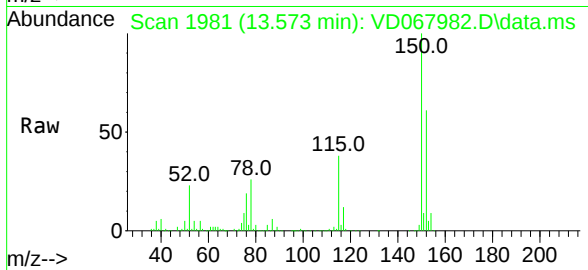




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067982.D
Acq: 30 Dec 2020 18:23

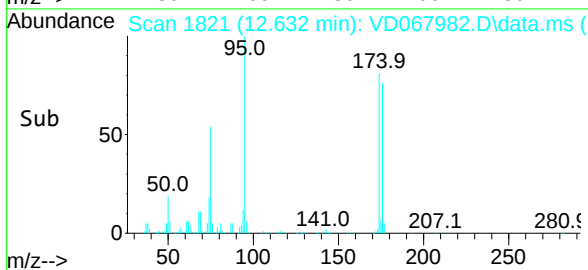
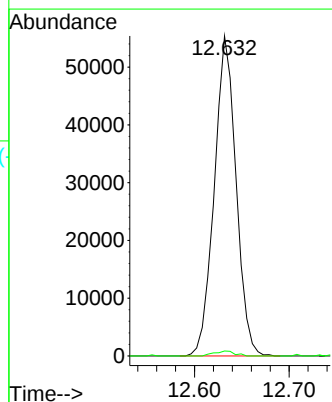
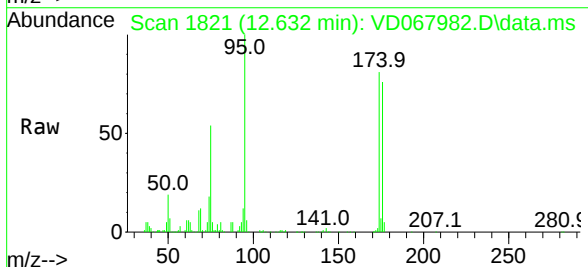
Instrument :
MSVOA_D
ClientSampleId :
TR-05-122920

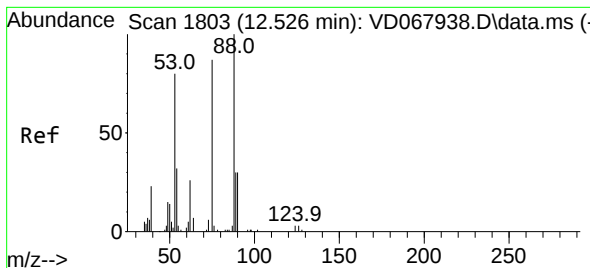
Tgt Ion:152 Resp: 171146
Ion Ratio Lower Upper
152 100
115 61.4 29.3 88.0
150 157.2 0.0 340.0



#76
1,2,3-Trichloropropane
Concen: 61.45 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD067982.D
Acq: 30 Dec 2020 18:23

Tgt Ion: 75 Resp: 88552
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

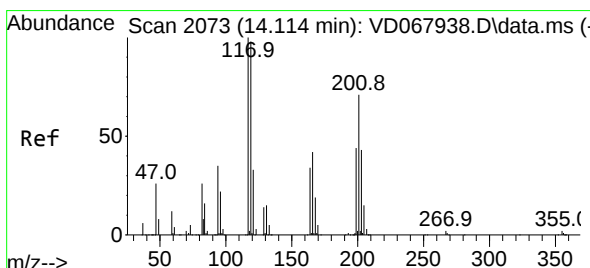
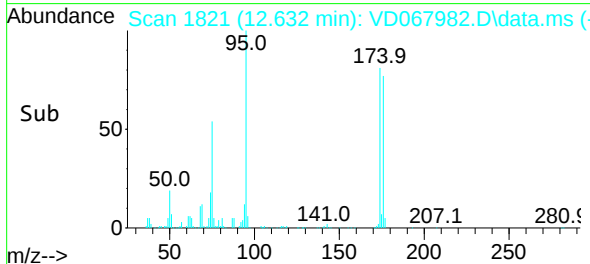
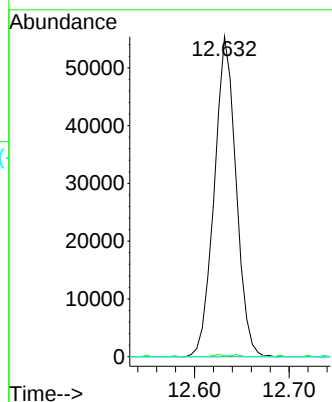
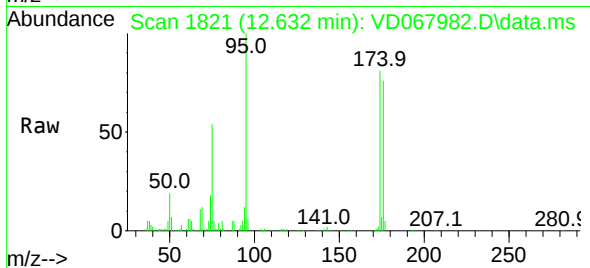




#81
trans-1,4-Dichloro-2-butene
Concen: 125.97 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD067982.D
Acq: 30 Dec 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
TR-05-122920

Tgt Ion: 75 Resp: 88552
Ion Ratio Lower Upper
75 100
53 0.2 74.9 112.3#
89 0.1 33.8 50.8#



#90
Hexachloroethane
Concen: 1.01 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VD067982.D
Acq: 30 Dec 2020 18:23

Tgt Ion: 117 Resp: 2304
Ion Ratio Lower Upper
117 100
201 0.0 34.3 102.8#

