

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123020\
 Data File : VD067980.D
 Acq On : 30 Dec 2020 17:28
 Operator : VA/SY
 Sample : L5242-12
 Misc : 5.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-6(444+26)VOC-GRAB

Quant Time: Dec 31 00:17:01 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)

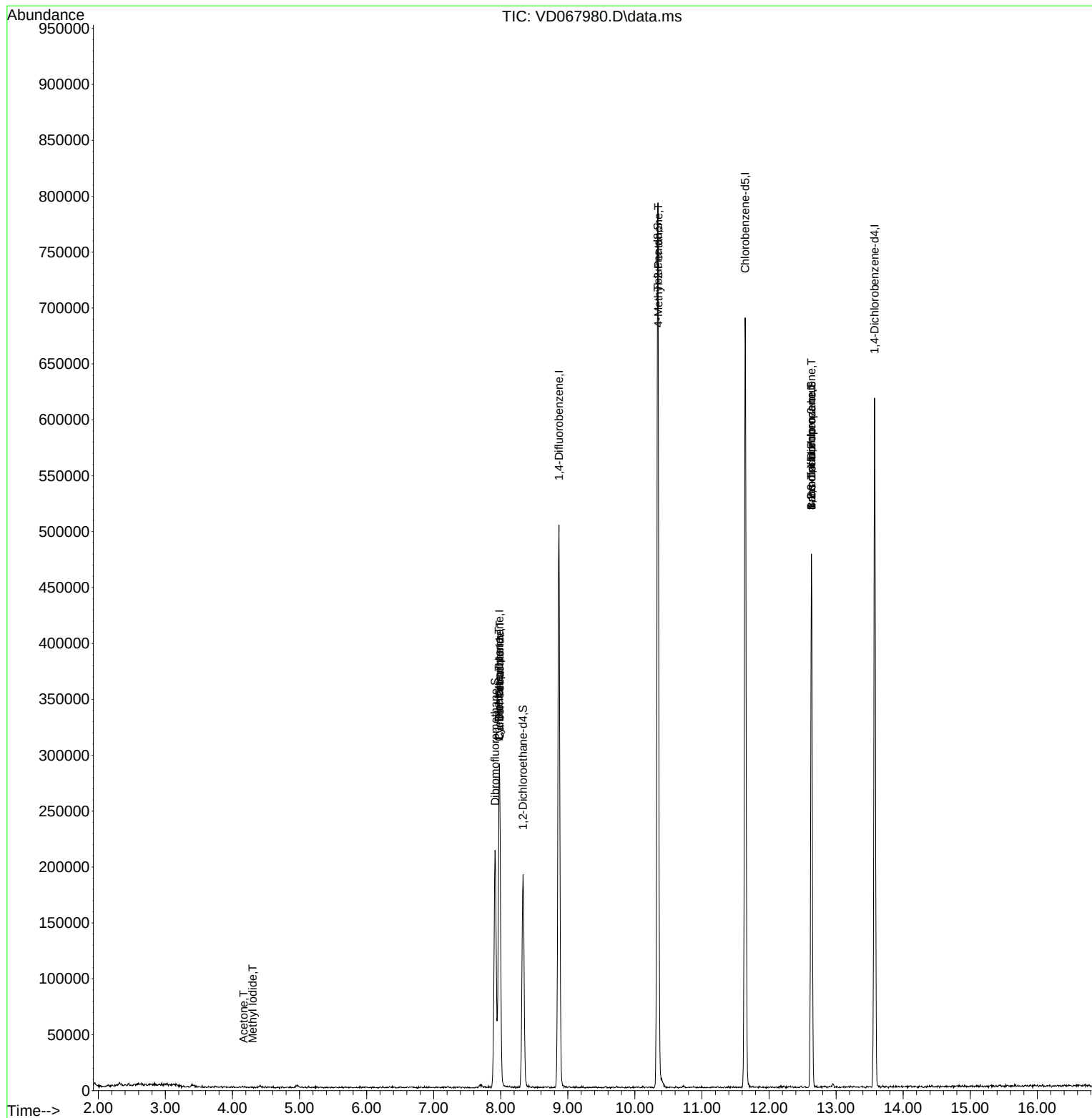
Internal Standards						
1) Pentafluorobenzene	7.979	168	202892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	417090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	390333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	158585	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	152859	69.77	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	139.54%		
35) Dibromofluoromethane	7.914	113	151529	57.66	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	115.32%		
50) Toluene-d8	10.344	98	534337	54.09	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	108.18%		
62) 4-Bromofluorobenzene	12.632	95	153493	45.43	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.86%		
Target Compounds						
5) Bromomethane	2.768	94	254	Below Cal	#	1
10) Methyl Iodide	4.303	142	83	3.88	ug/l #	41
16) Acetone	4.168	43	747	1.79	ug/l #	47
20) Methylene Chloride	4.962	84	993	Below Cal	#	35
31) Cyclohexane	7.973	56	5275	1.18	ug/l #	19
36) 1,1-Dichloropropene	7.973	75	18604	4.20	ug/l #	49
38) Carbon Tetrachloride	7.985	117	21510	5.08	ug/l #	14
51) 4-Methyl-2-Pentanone	10.350	43	2429	1.42	ug/l #	1
71) Bromoform	12.632	173	1757	1.16	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	80097	59.99	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	80097	122.97	ug/l #	12

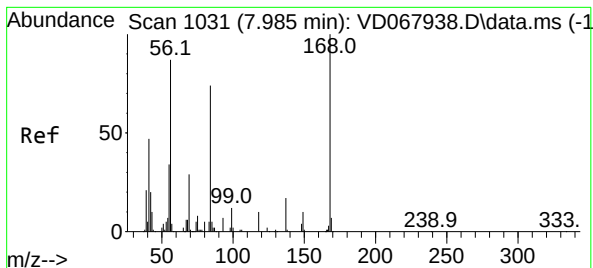
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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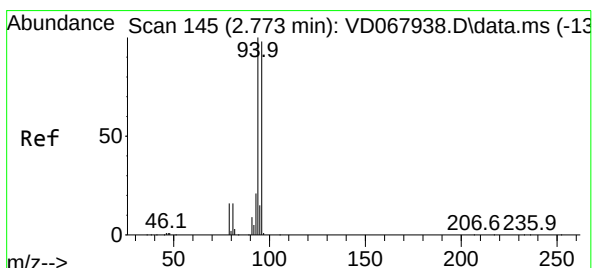
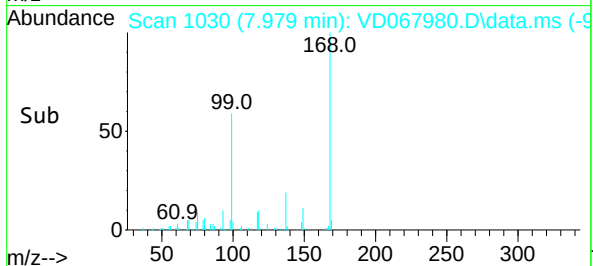
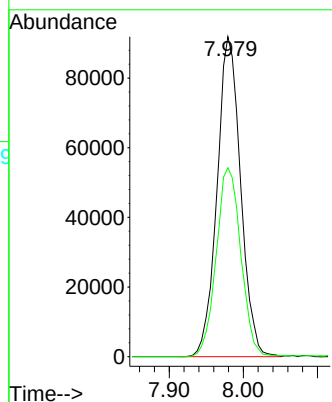
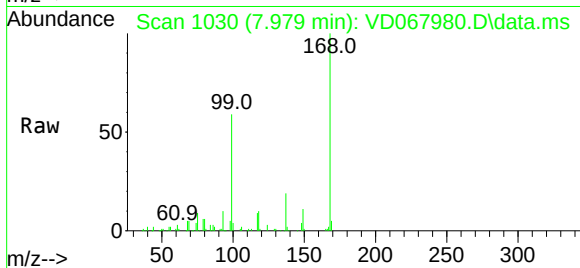




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

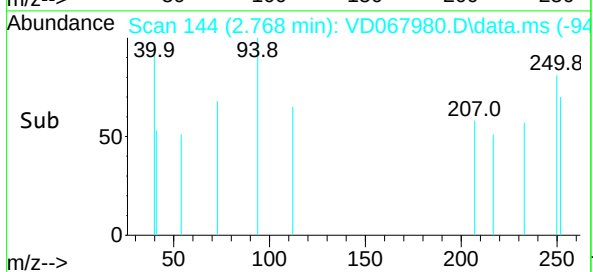
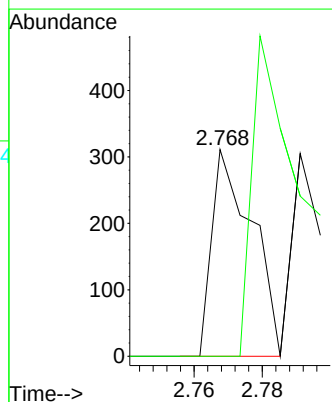
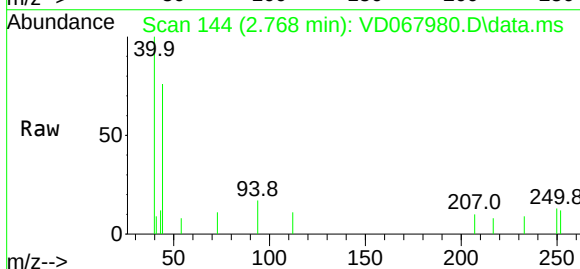
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-6(444+26)VOC-GRAB

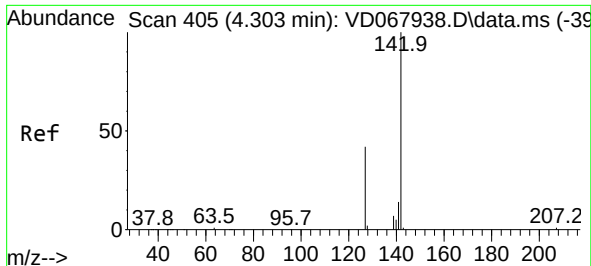
Tgt Ion:168 Resp: 202892
Ion Ratio Lower Upper
168 100
99 59.1 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. -0.005 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

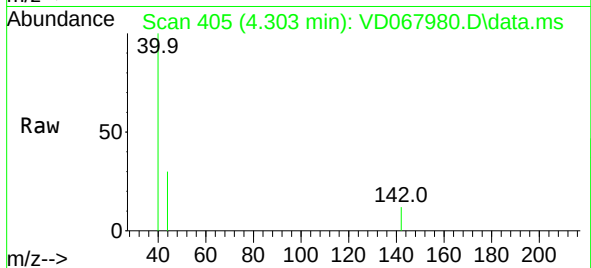
Tgt Ion: 94 Resp: 254
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



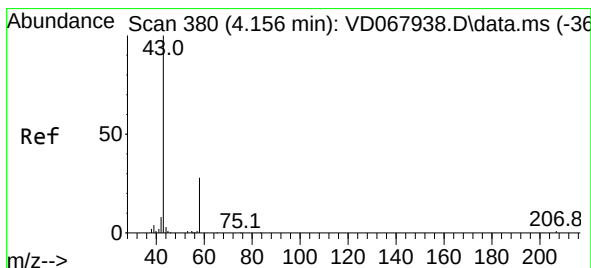
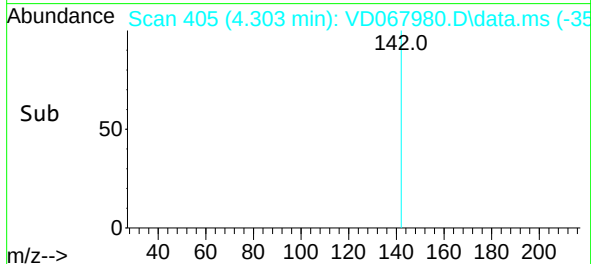
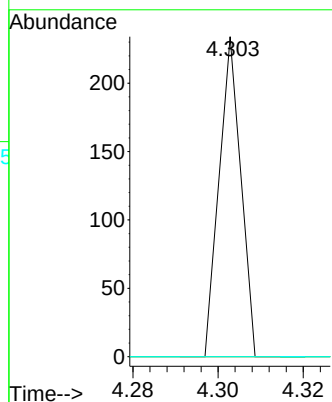


#10
Methyl Iodide
Concen: 3.88 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-6(444+26)VOC-GRAB

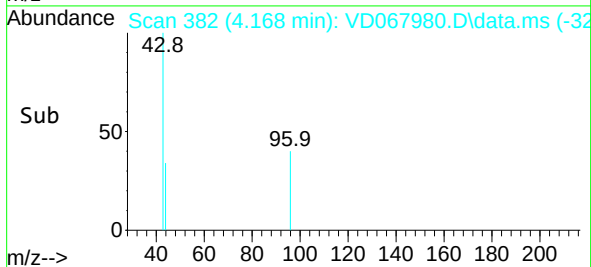
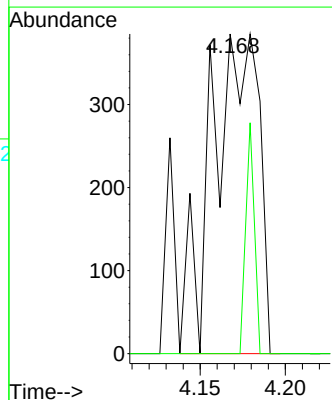
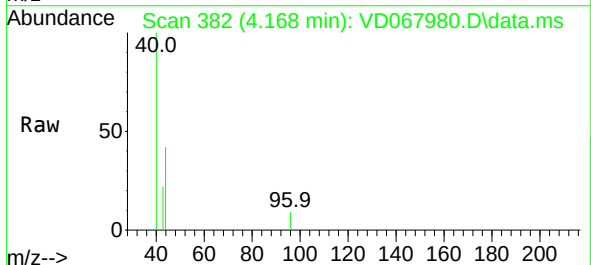


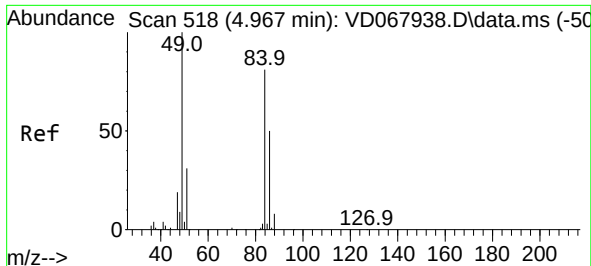
Tgt Ion:142 Resp: 83
Ion Ratio Lower Upper
142 100
127 0.0 34.4 51.6#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 1.79 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

Tgt Ion: 43 Resp: 747
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#

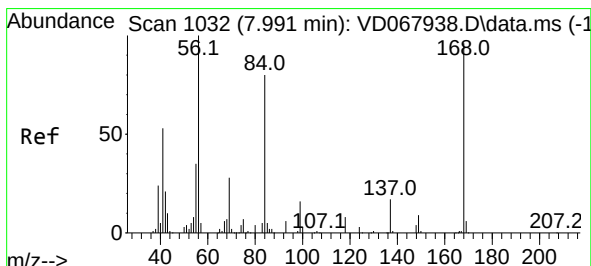
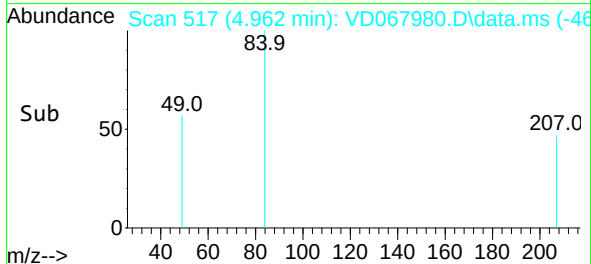
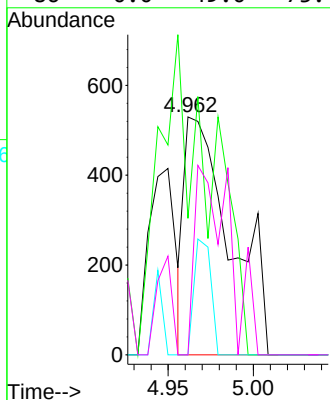
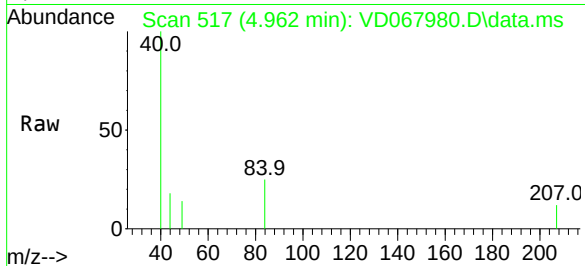




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

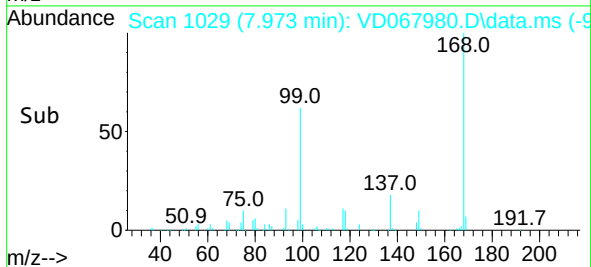
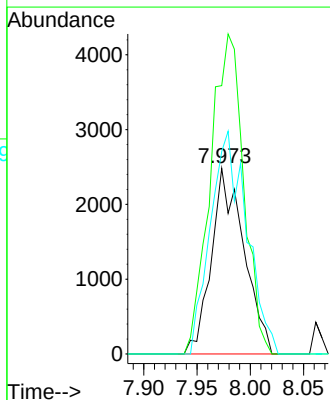
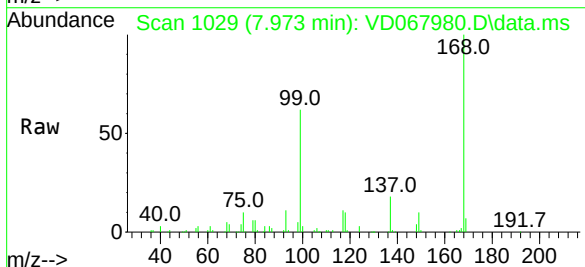
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-6(444+26)VOC-GRAB

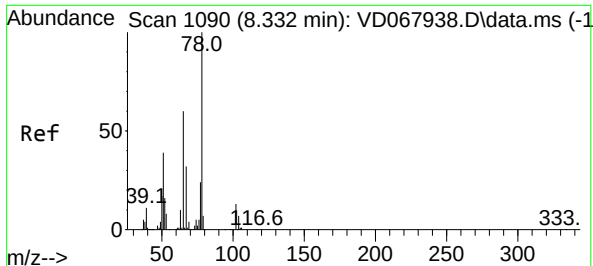
Tgt Ion:	84	Resp:	993
Ion	Ratio	Lower	Upper
84	100		
49	57.4	98.3	147.5#
51	0.0	30.3	45.5#
86	0.0	49.0	73.4#



#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.018 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

Tgt Ion:	56	Resp:	5275
Ion	Ratio	Lower	Upper
56	100		
69	144.6	22.7	34.1#
84	109.1	64.2	96.4#

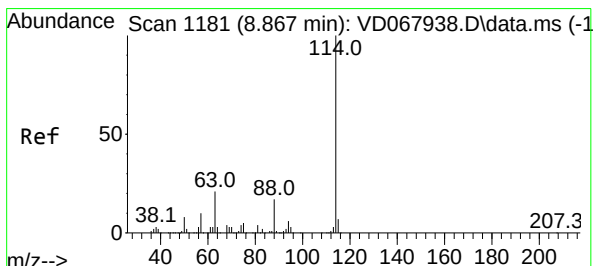
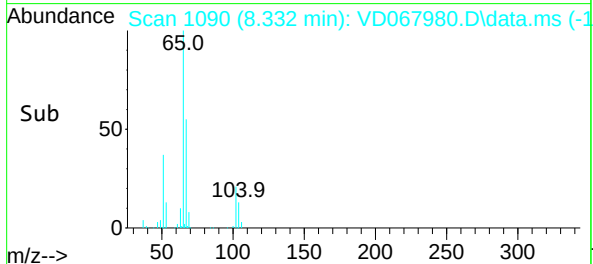
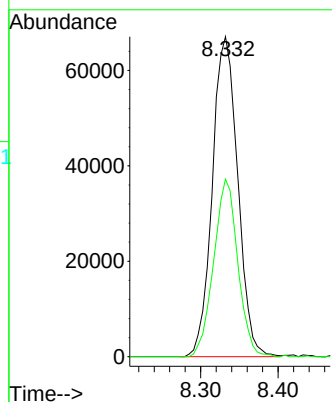
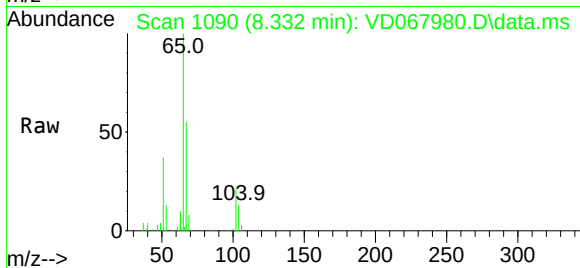




#33
1,2-Dichloroethane-d4
Concen: 69.77 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

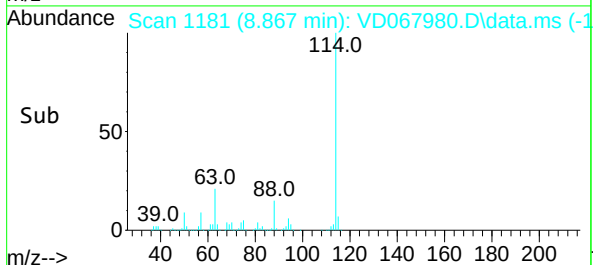
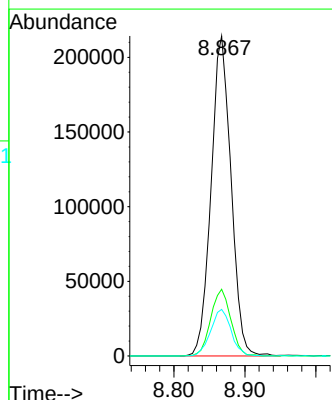
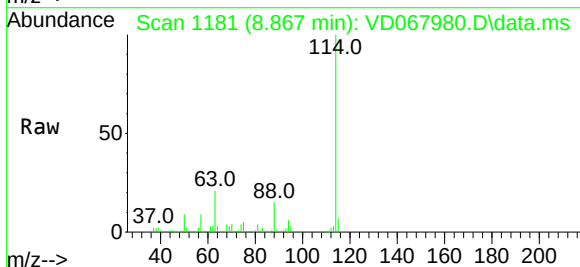
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SAMPLE-6(444+26)VOC-GRAB

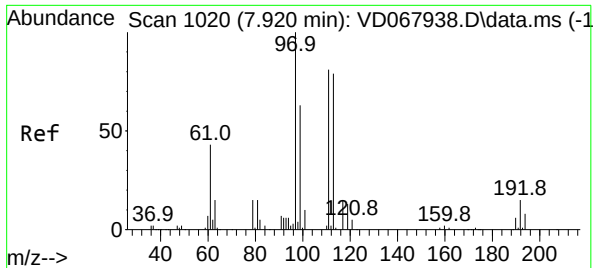
Tgt Ion: 65 Resp: 152859
Ion Ratio Lower Upper
65 100
67 52.7 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

Tgt Ion: 114 Resp: 417090
Ion Ratio Lower Upper
114 100
63 20.9 0.0 41.4
88 14.5 0.0 33.2

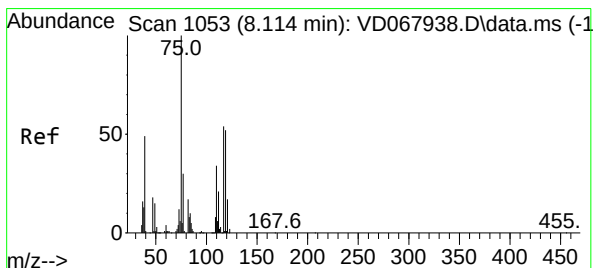
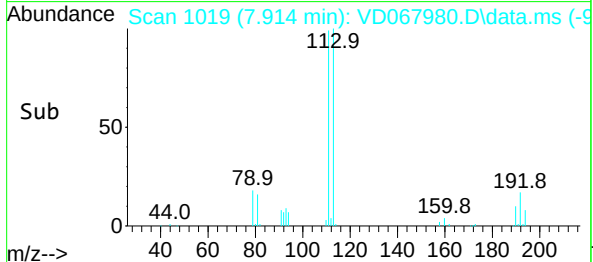
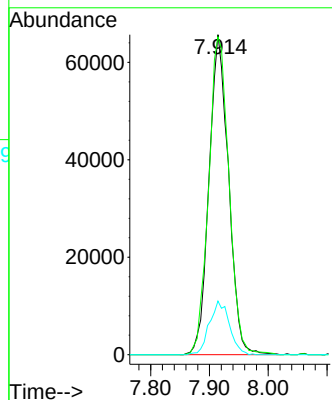
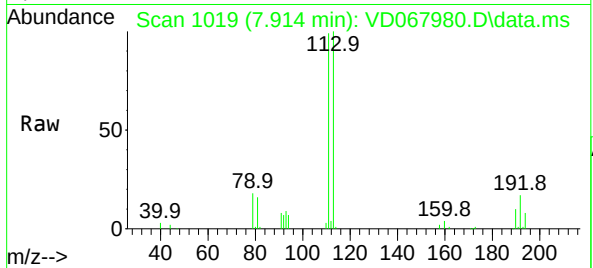




#35
Dibromofluoromethane
Concen: 57.66 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

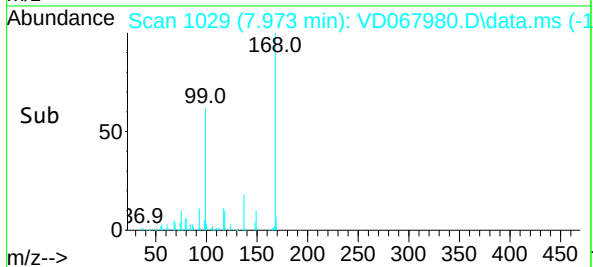
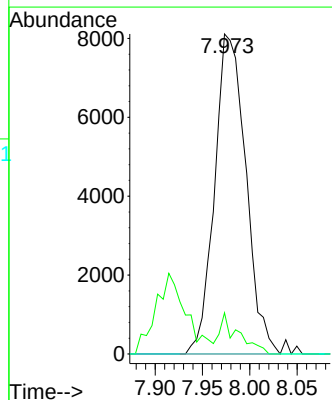
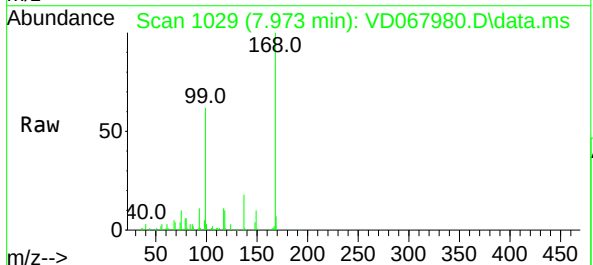
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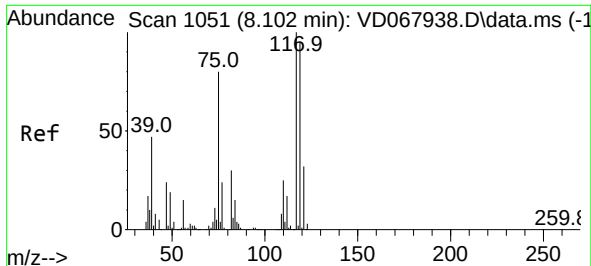
Tgt Ion:113 Resp: 151529
Ion Ratio Lower Upper
113 100
111 103.5 79.3 118.9
192 17.2 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.20 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

Tgt Ion: 75 Resp: 18604
Ion Ratio Lower Upper
75 100
110 7.6 17.0 51.0#
77 0.0 24.6 37.0#

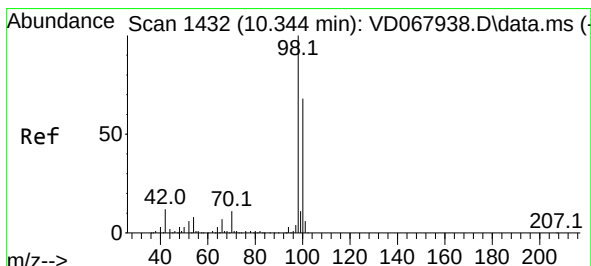
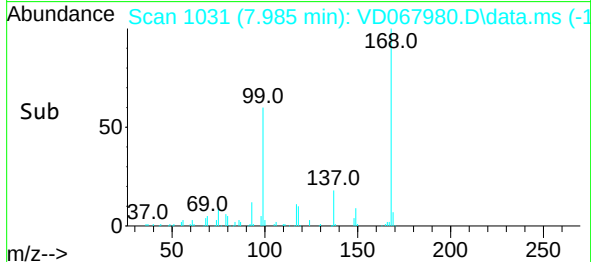
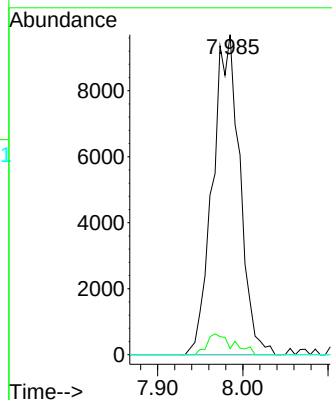
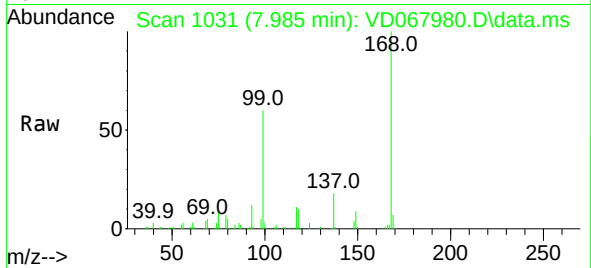




#38
Carbon Tetrachloride
Concen: 5.08 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

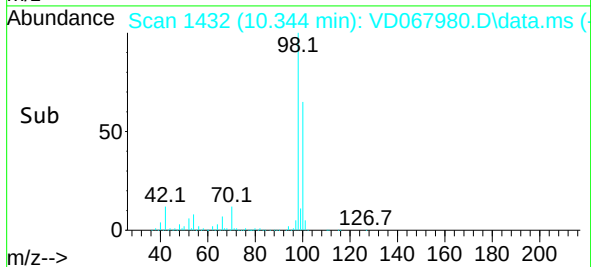
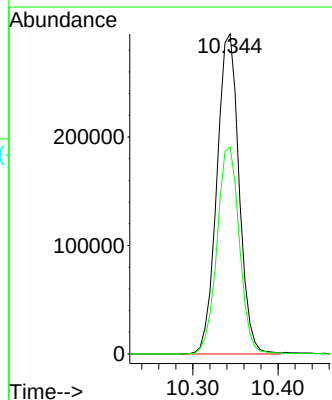
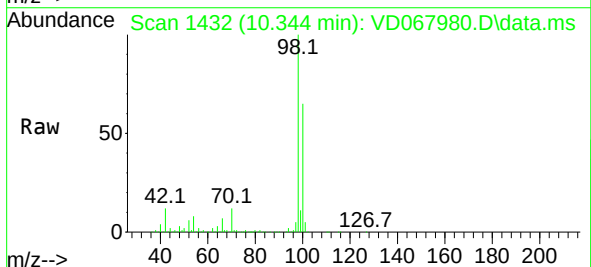
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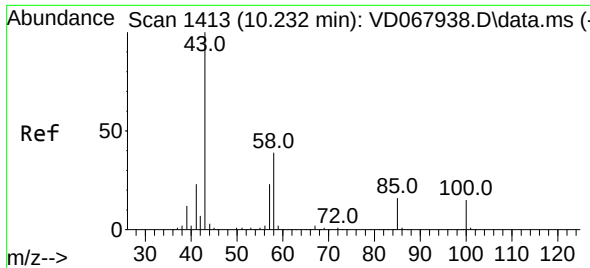
Tgt Ion:117 Resp: 21510
Ion Ratio Lower Upper
117 100
119 1.9 76.2 114.4#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 54.09 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

Tgt Ion: 98 Resp: 534337
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

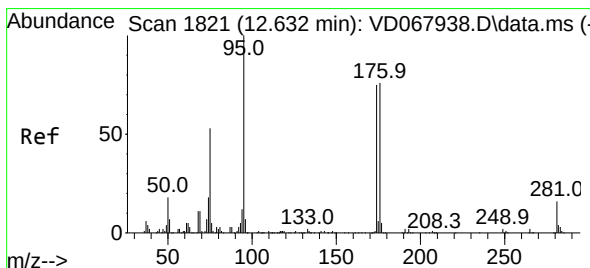
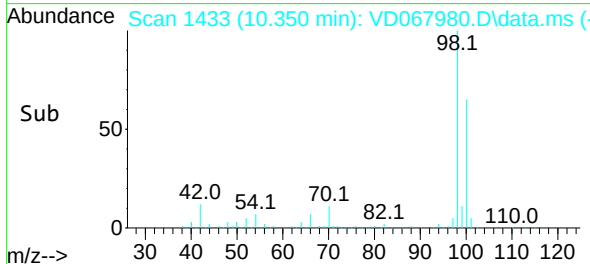
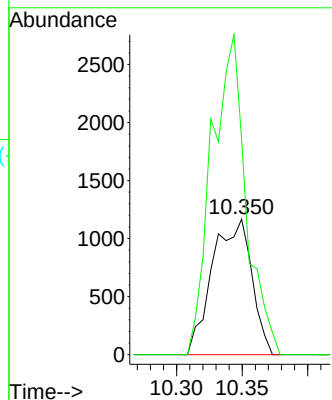
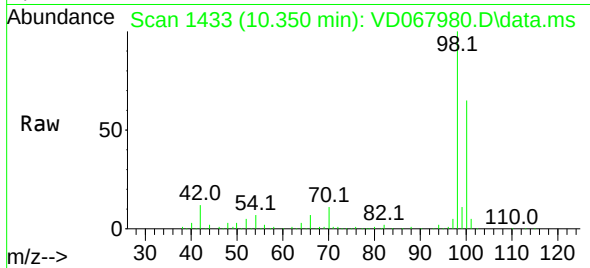




#51
4-Methyl-2-Pentanone
Concen: 1.42 ug/l
RT: 10.350 min Scan# 1433
Delta R.T. 0.118 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

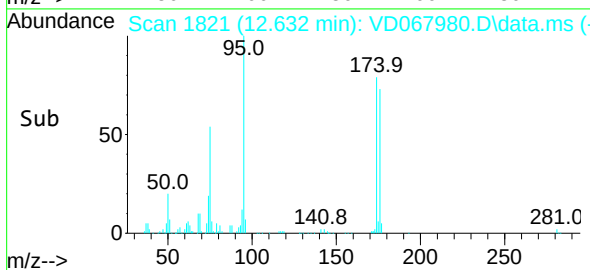
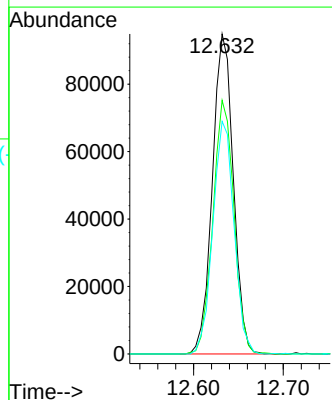
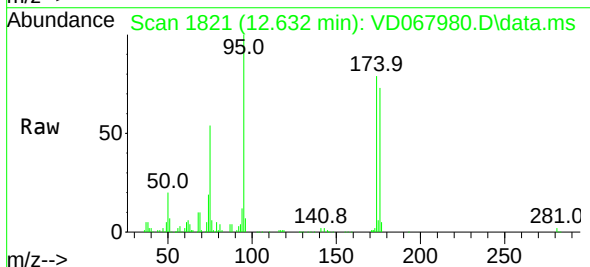
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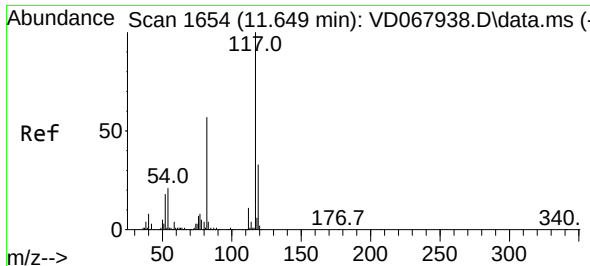
Tgt Ion: 43 Resp: 2429
Ion Ratio Lower Upper
43 100
58 206.2 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 45.43 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

Tgt Ion: 95 Resp: 153493
Ion Ratio Lower Upper
95 100
174 79.8 0.0 150.6
176 73.6 0.0 151.2

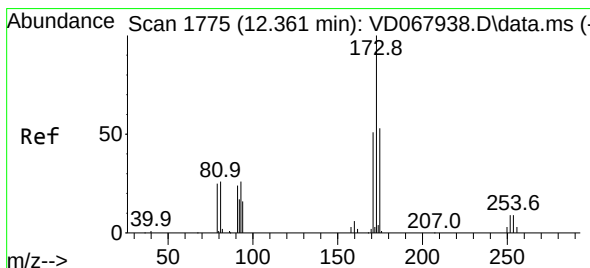
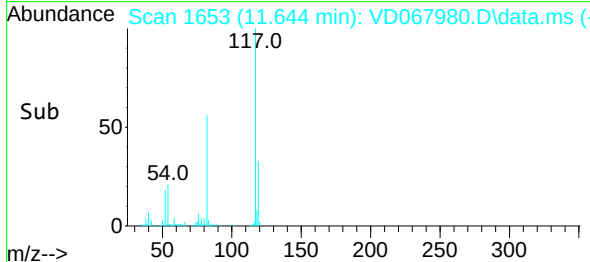
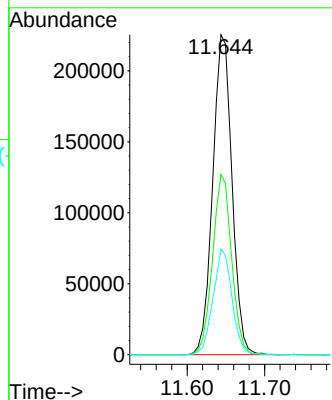
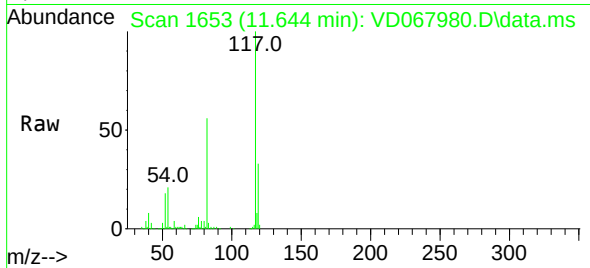




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

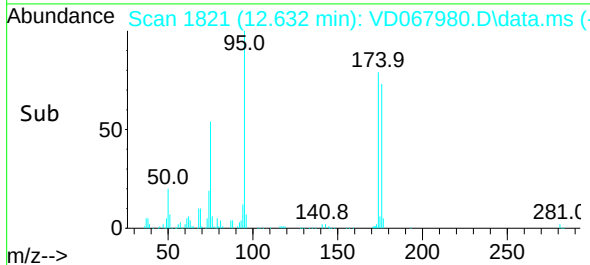
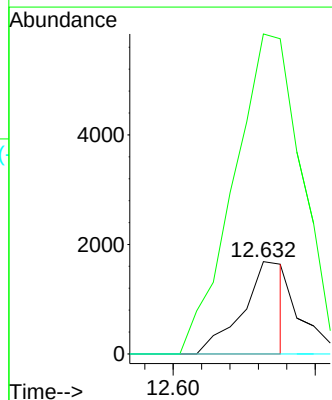
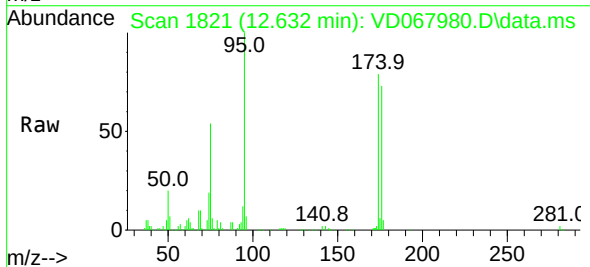
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-6(444+26)VOC-GRAB

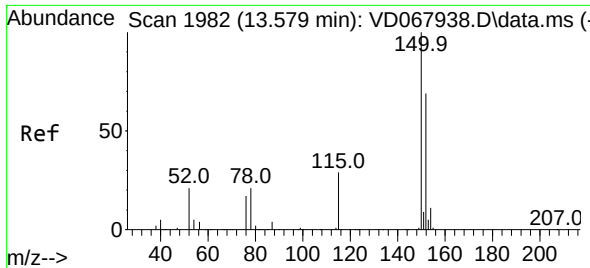
Tgt Ion:117 Resp: 390333
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.0
119 33.0 26.7 40.1



#71
Bromoform
Concen: 1.16 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

Tgt Ion:173 Resp: 1757
Ion Ratio Lower Upper
173 100
175 419.3 24.6 73.8#
254 0.0 0.0 0.0

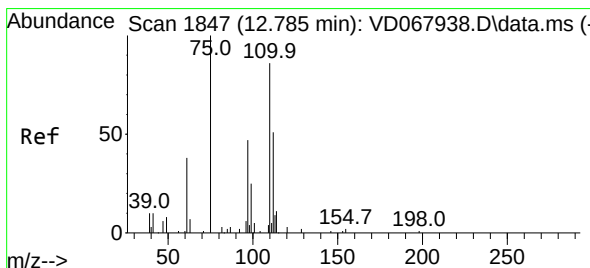
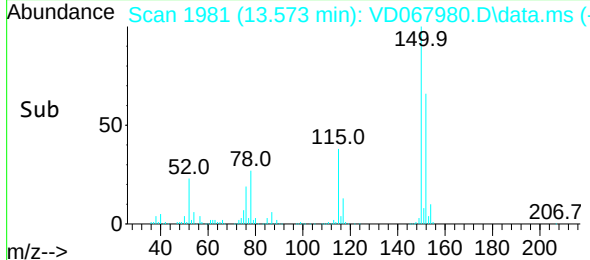
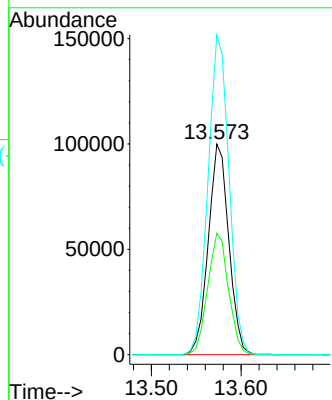
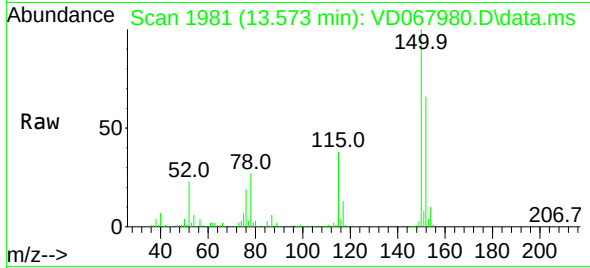




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

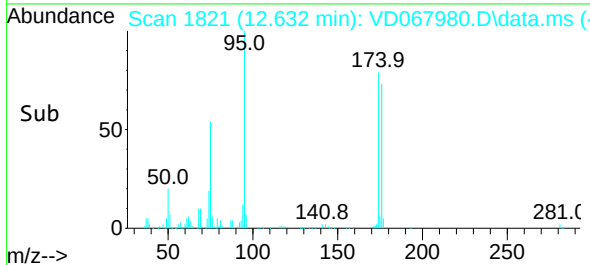
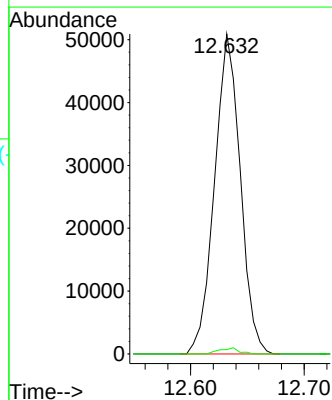
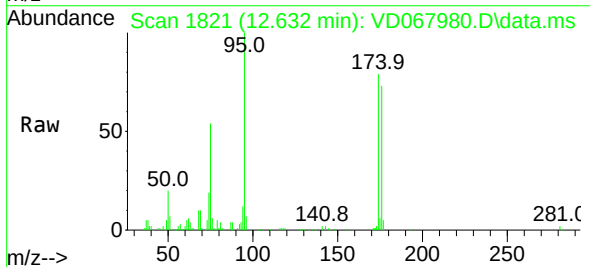
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-6(444+26)VOC-GRAB

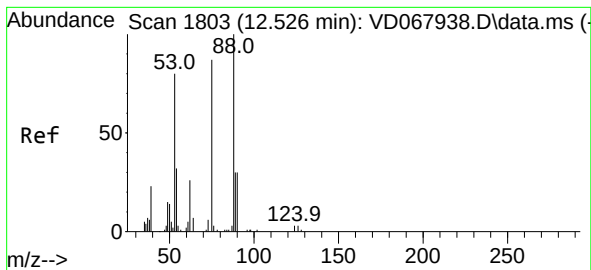
Tgt Ion:152 Resp: 158585
Ion Ratio Lower Upper
152 100
115 58.4 29.3 88.0
150 155.4 0.0 340.0



#76
1,2,3-Trichloropropane
Concen: 59.99 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

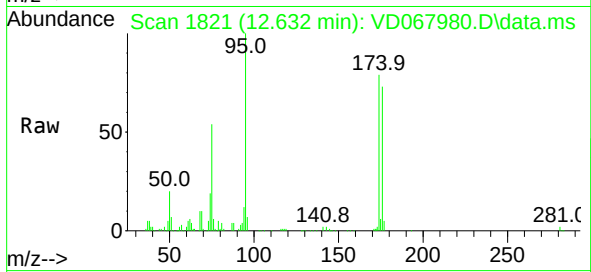
Tgt Ion: 75 Resp: 80097
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.97 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD067980.D
 Acq: 30 Dec 2020 17:28

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-6(444+26)VOC-GRAB



Tgt Ion: 75 Resp: 80097
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.9 112.3#
 89 0.3 33.8 50.8#

