

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123020\
 Data File : VD067974.D
 Acq On : 30 Dec 2020 14:15
 Operator : VA/SY
 Sample : L5242-02
 Misc : 4.95G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-1(494+26)VOC-GRAB

Quant Time: Dec 31 00:15:20 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)

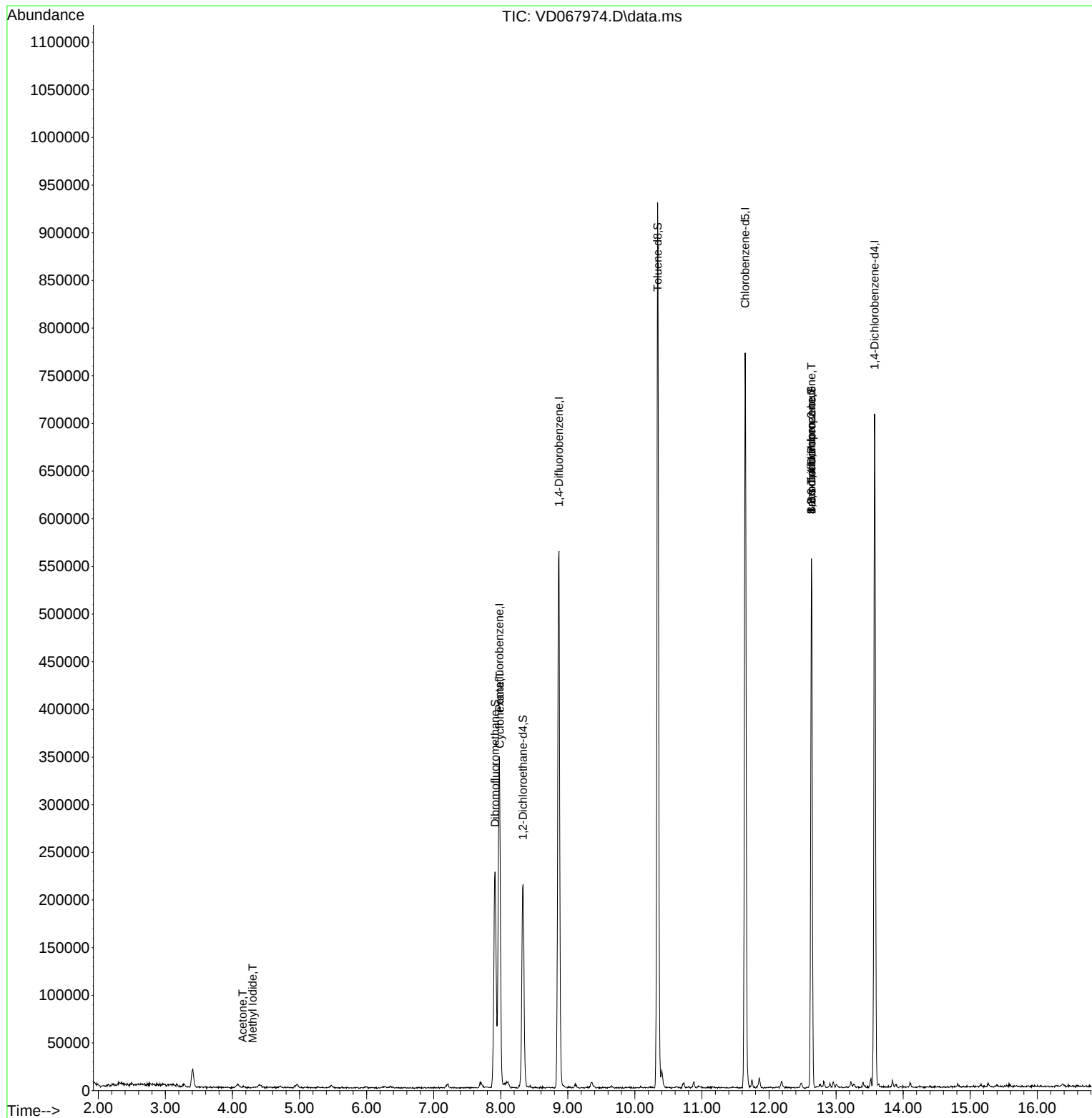
Internal Standards						
1) Pentafluorobenzene	7.979	168	238506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	479223	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	442562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	183090	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	167784	65.15	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.30%			
35) Dibromofluoromethane	7.914	113	166521	55.15	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.30%			
50) Toluene-d8	10.338	98	608427	53.61	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.22%			
62) 4-Bromofluorobenzene	12.632	95	179739	46.30	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.60%			
Target Compounds						
5) Bromomethane	2.785	94	1455	Below Cal	#	62
10) Methyl Iodide	4.303	142	875	4.14 ug/l	#	61
16) Acetone	4.150	43	1179	2.40 ug/l	#	36
20) Methylene Chloride	4.973	84	1527	Below Cal	#	38
31) Cyclohexane	7.985	56	8565	1.63 ug/l	#	10
71) Bromoform	12.632	173	2141	1.24 ug/l	#	1
76) 1,2,3-Trichloropropane	12.632	75	94145	61.07 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.632	75	94145	125.19 ug/l	#	12

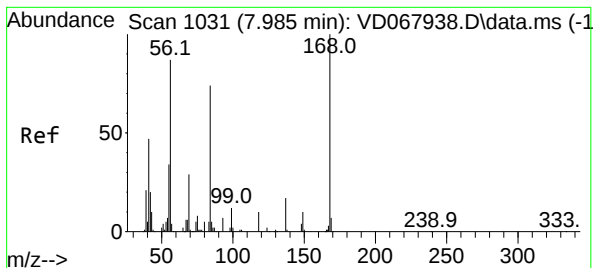
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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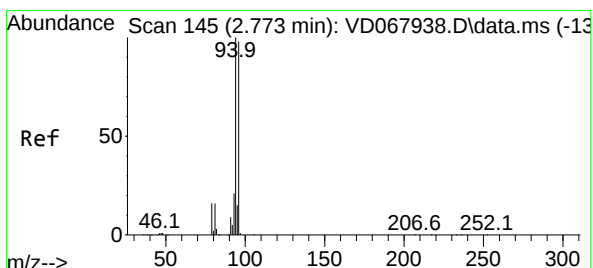
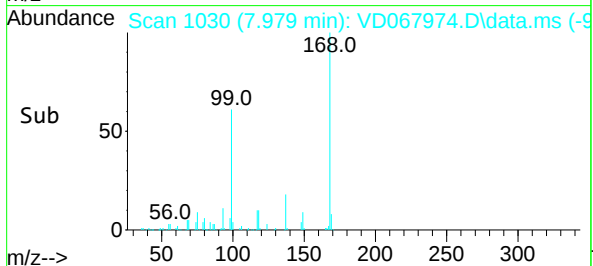
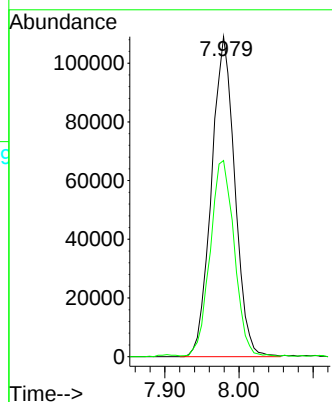
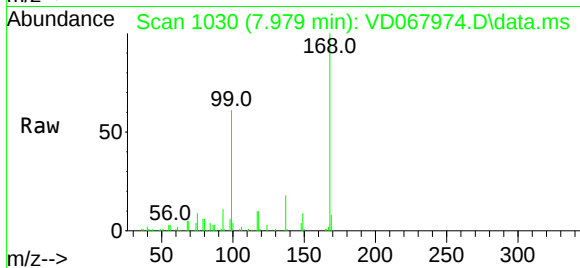




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067974.D
Acq: 30 Dec 2020 14:15

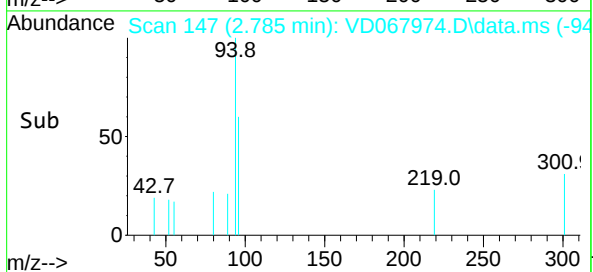
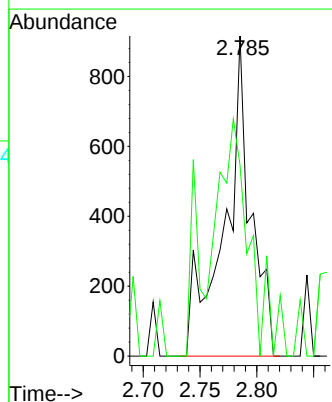
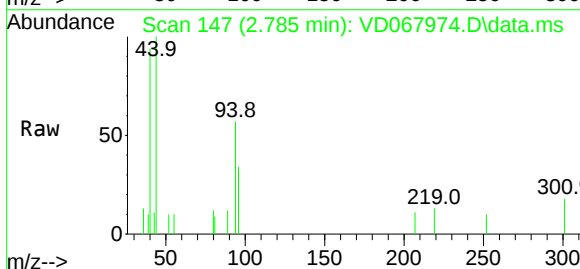
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-1(494+26)VOC-GRAB

Tgt Ion:168 Resp: 238506
Ion Ratio Lower Upper
168 100
99 61.1 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.012 min
Lab File: VD067974.D
Acq: 30 Dec 2020 14:15

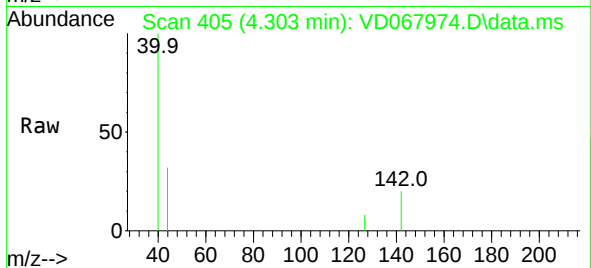
Tgt Ion: 94 Resp: 1455
Ion Ratio Lower Upper
94 100
96 59.6 78.0 117.0#



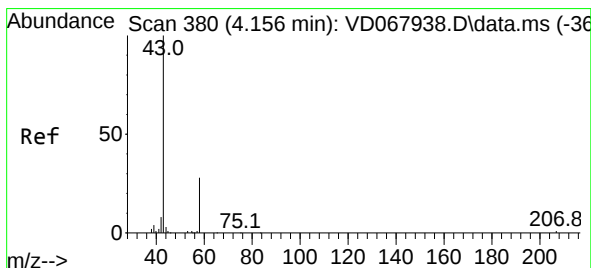
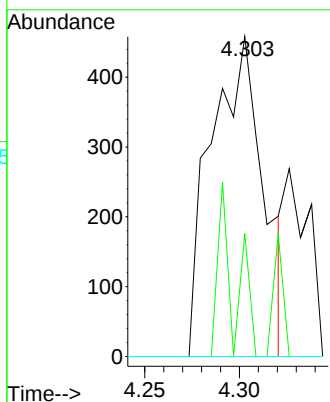
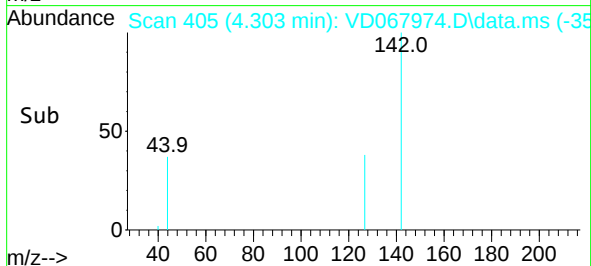


#10
Methyl Iodide
Concen: 4.14 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD067974.D
Acq: 30 Dec 2020 14:15

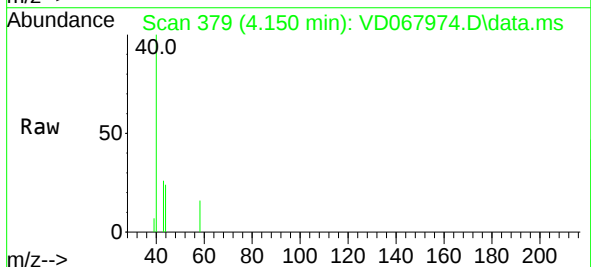
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-1(494+26)VOC-GRAB



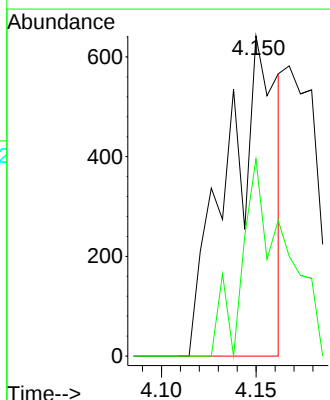
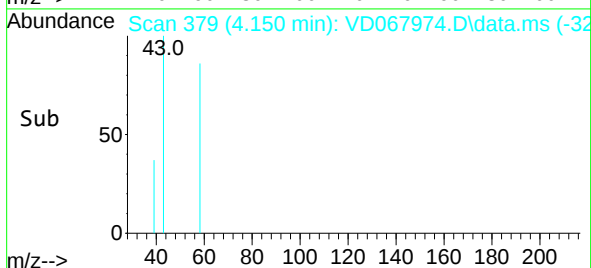
Tgt Ion:142 Resp: 875
Ion Ratio Lower Upper
142 100
127 17.1 34.4 51.6#
141 0.0 11.8 17.8#

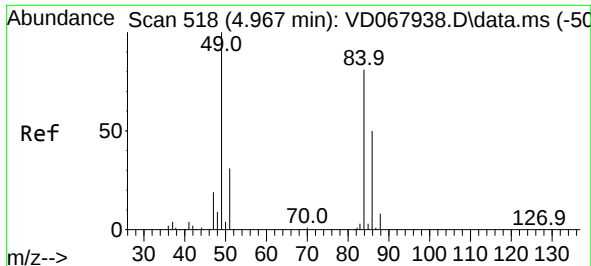


#16
Acetone
Concen: 2.40 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD067974.D
Acq: 30 Dec 2020 14:15



Tgt Ion: 43 Resp: 1179
Ion Ratio Lower Upper
43 100
58 61.5 22.3 33.5#

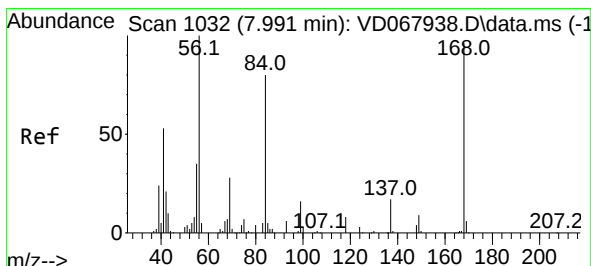
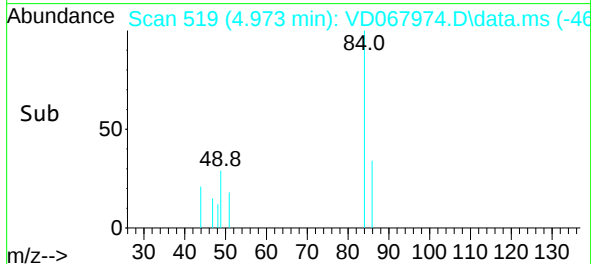
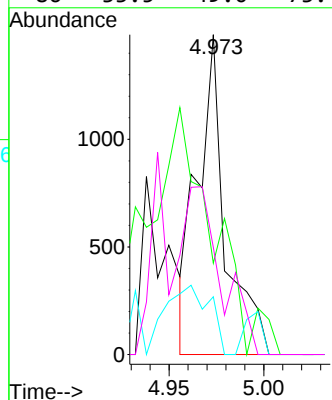
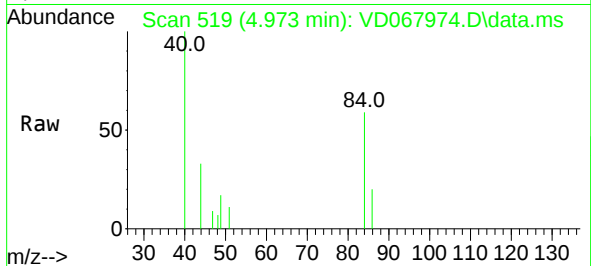




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD067974.D
Acq: 30 Dec 2020 14:15

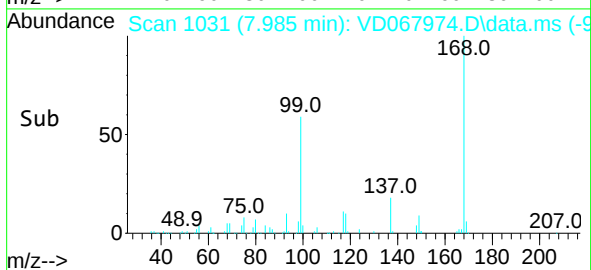
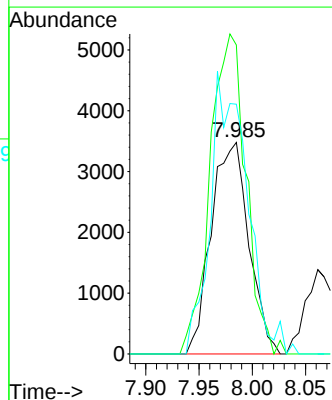
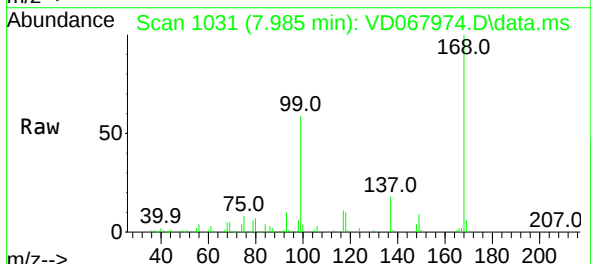
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-1(494+26)VOC-GRAB

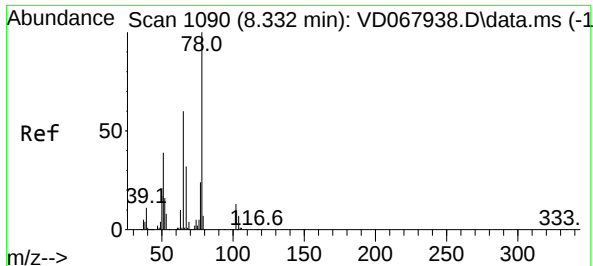
Tgt Ion:	84	Resp:	1527
Ion	Ratio	Lower	Upper
84	100		
49	28.6	98.3	147.5#
51	18.1	30.3	45.5#
86	33.5	49.0	73.4#



#31
Cyclohexane
Concen: 1.63 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD067974.D
Acq: 30 Dec 2020 14:15

Tgt Ion:	56	Resp:	8565
Ion	Ratio	Lower	Upper
56	100		
69	146.0	22.7	34.1#
84	118.1	64.2	96.4#

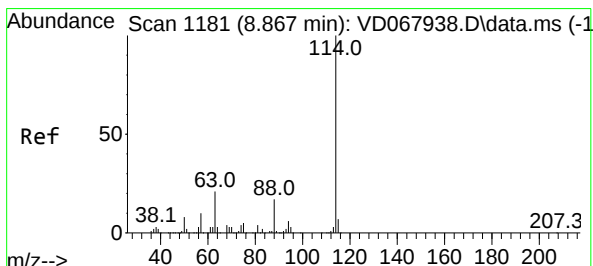
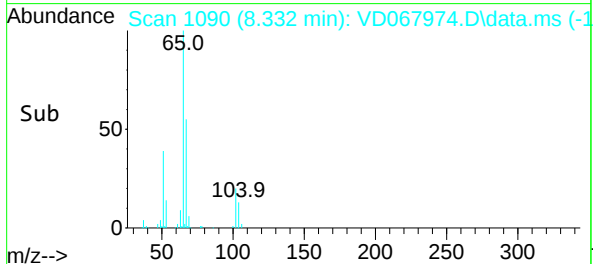
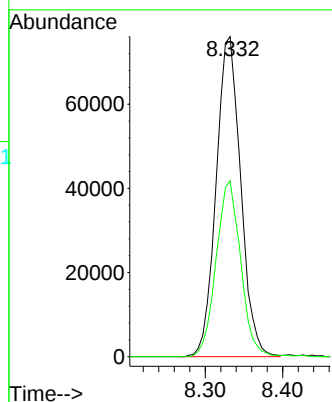
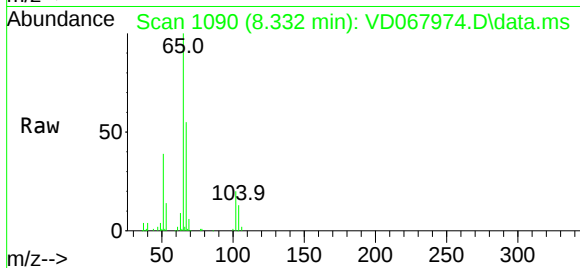




#33
1,2-Dichloroethane-d4
Concen: 65.15 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD067974.D
Acq: 30 Dec 2020 14:15

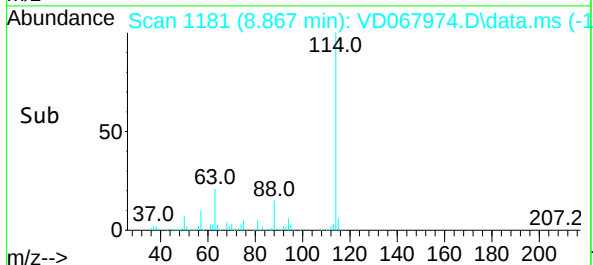
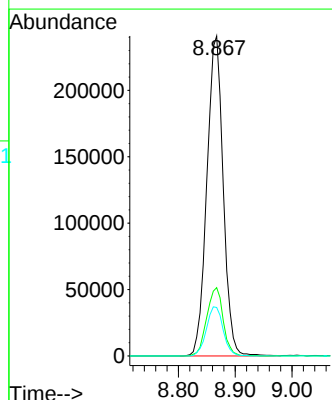
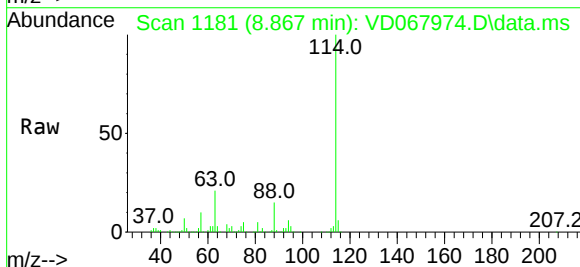
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-1(494+26)VOC-GRAB

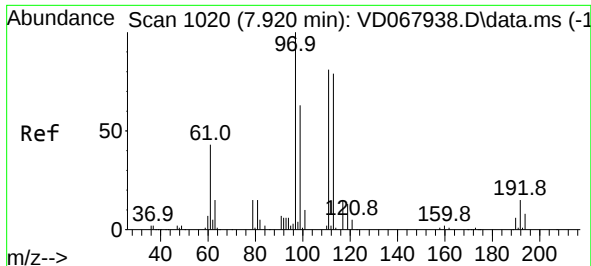
Tgt Ion: 65 Resp: 167784
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD067974.D
Acq: 30 Dec 2020 14:15

Tgt Ion: 114 Resp: 479223
Ion Ratio Lower Upper
114 100
63 21.4 0.0 41.4
88 15.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 55.15 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD067974.D

Acq: 30 Dec 2020 14:15

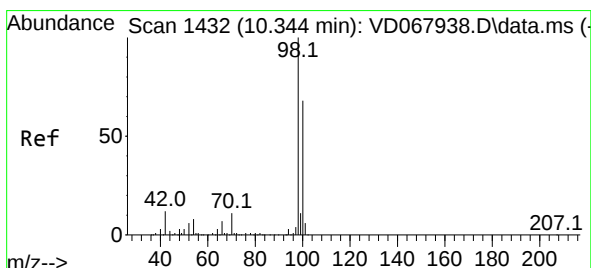
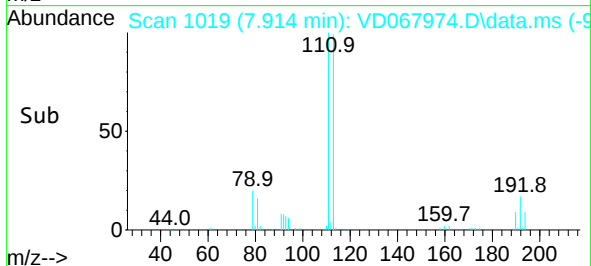
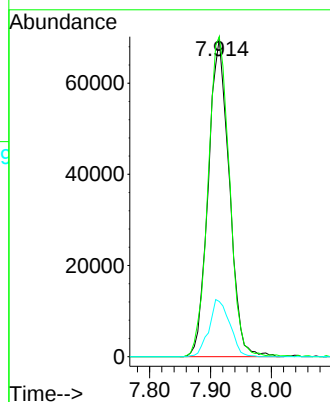
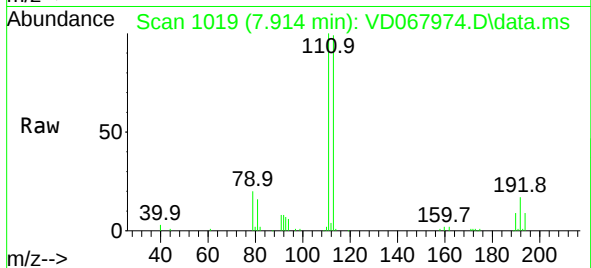
Tgt Ion:113 Resp: 166521

Ion Ratio Lower Upper

113 100

111 102.6 79.3 118.9

192 17.8 14.5 21.7



#50

Toluene-d8

Concen: 53.61 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.006 min

Lab File: VD067974.D

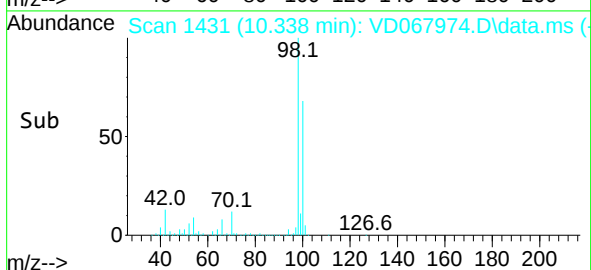
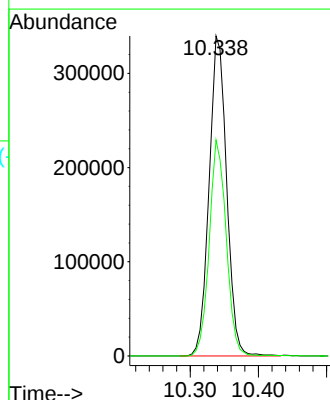
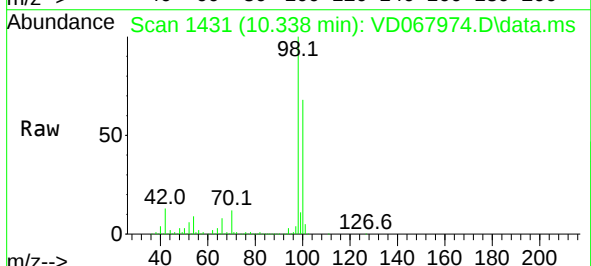
Acq: 30 Dec 2020 14:15

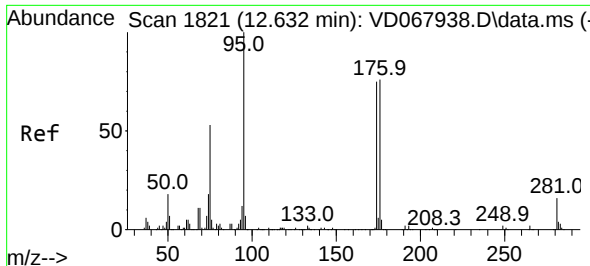
Tgt Ion: 98 Resp: 608427

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7

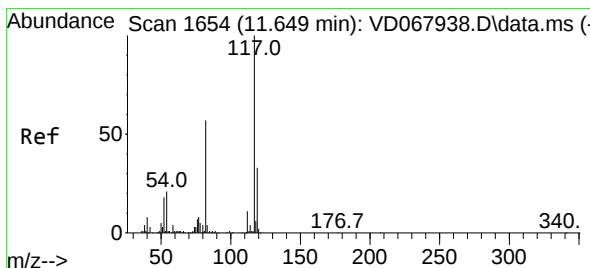
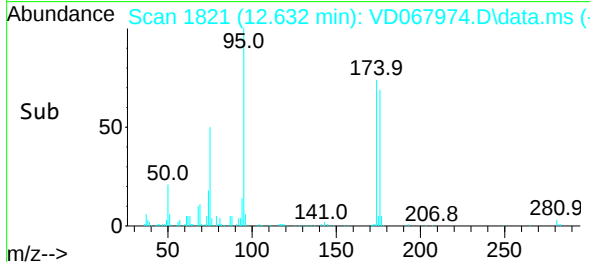
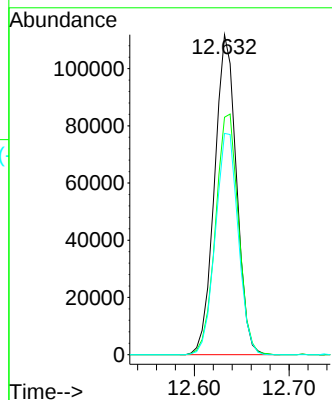
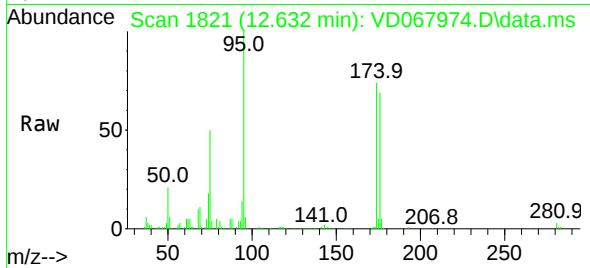




#62
4-Bromofluorobenzene
Concen: 46.30 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067974.D
Acq: 30 Dec 2020 14:15

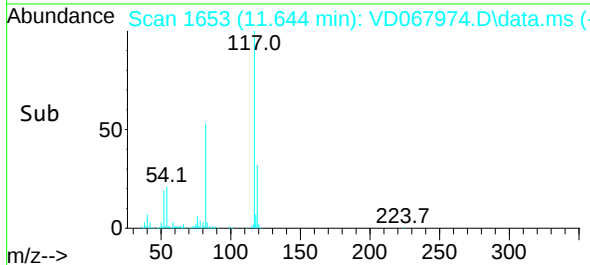
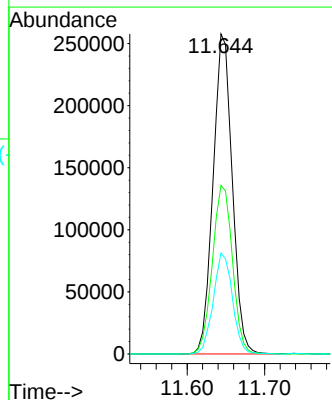
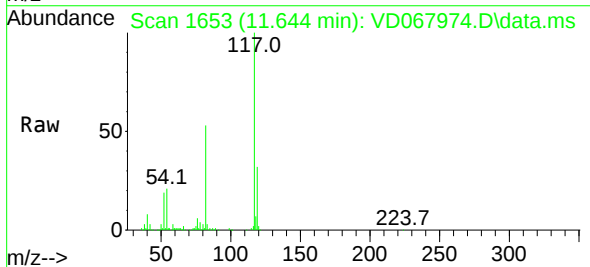
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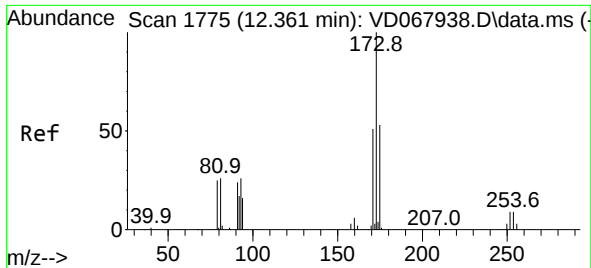
Tgt Ion: 95 Resp: 179739
Ion Ratio Lower Upper
95 100
174 78.5 0.0 150.6
176 71.9 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD067974.D
Acq: 30 Dec 2020 14:15

Tgt Ion:117 Resp: 442562
Ion Ratio Lower Upper
117 100
82 52.6 45.4 68.0
119 31.5 26.7 40.1

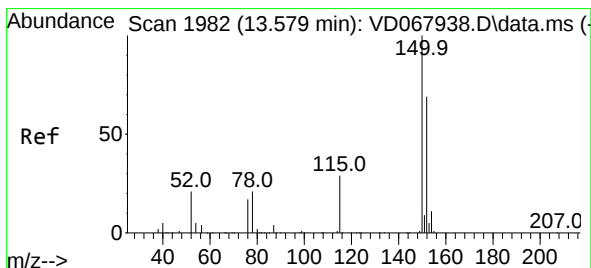
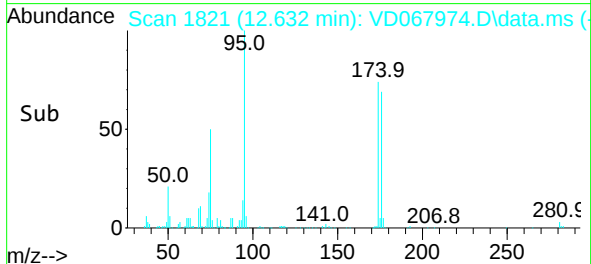
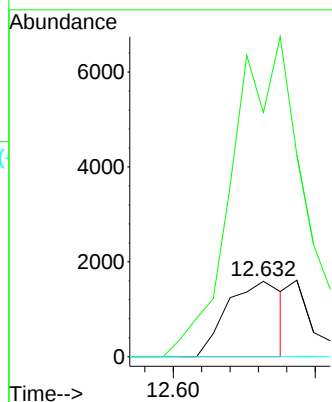
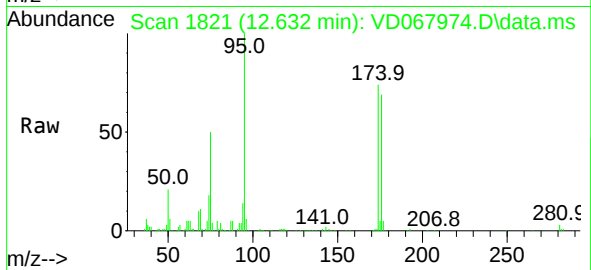




#71
Bromoform
Concen: 1.24 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD067974.D
Acq: 30 Dec 2020 14:15

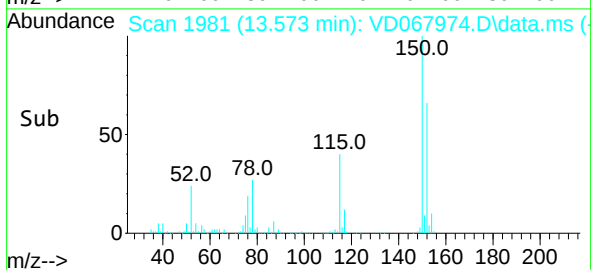
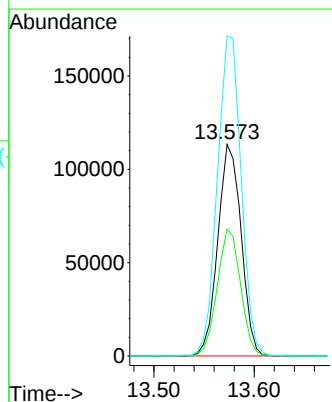
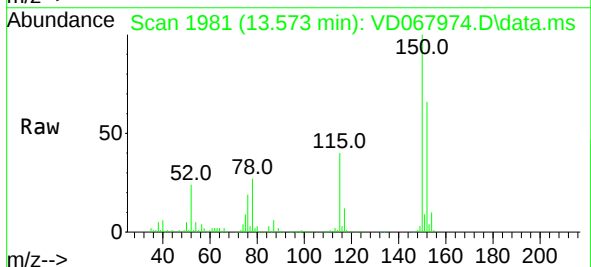
Instrument :
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ClientSampleId :
SAMPLE-1(494+26)VOC-GRAB

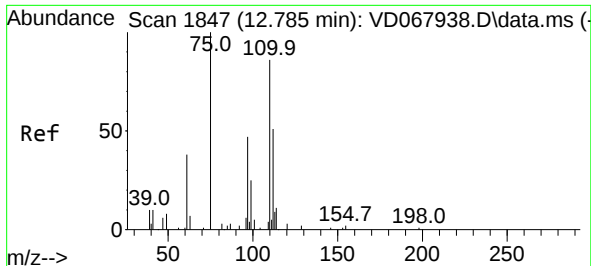
Tgt Ion:173 Resp: 2141
Ion Ratio Lower Upper
173 100
175 288.5 24.6 73.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067974.D
Acq: 30 Dec 2020 14:15

Tgt Ion:152 Resp: 183090
Ion Ratio Lower Upper
152 100
115 60.2 29.3 88.0
150 154.7 0.0 340.0

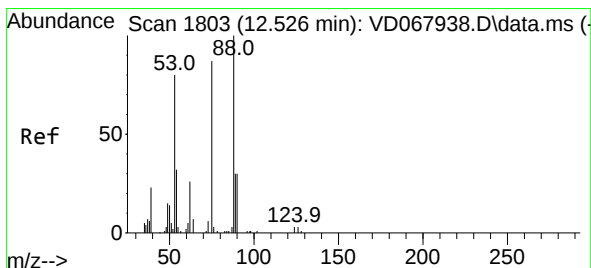
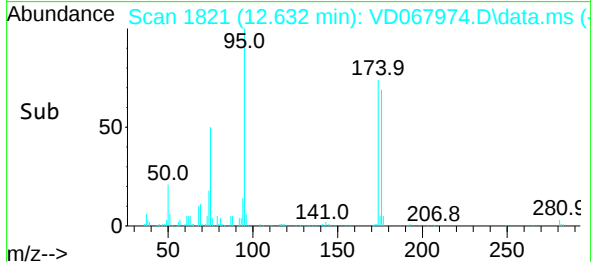
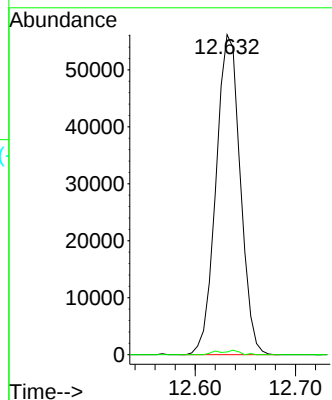
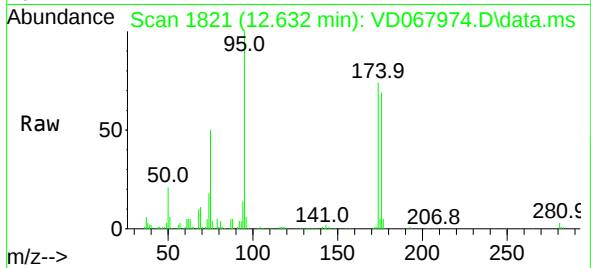




#76
1,2,3-Trichloropropane
Concen: 61.07 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD067974.D
Acq: 30 Dec 2020 14:15

Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-1(494+26)VOC-GRAB

Tgt Ion: 75 Resp: 94145
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.19 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD067974.D
Acq: 30 Dec 2020 14:15

Tgt Ion: 75 Resp: 94145
Ion Ratio Lower Upper
75 100
53 0.2 74.9 112.3#
89 0.0 33.8 50.8#

