

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010421\
 Data File : VD067994.D
 Acq On : 04 Jan 2021 16:54
 Operator : VA/SY
 Sample : M1005-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Jan 05 00:09:52 2021
 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)

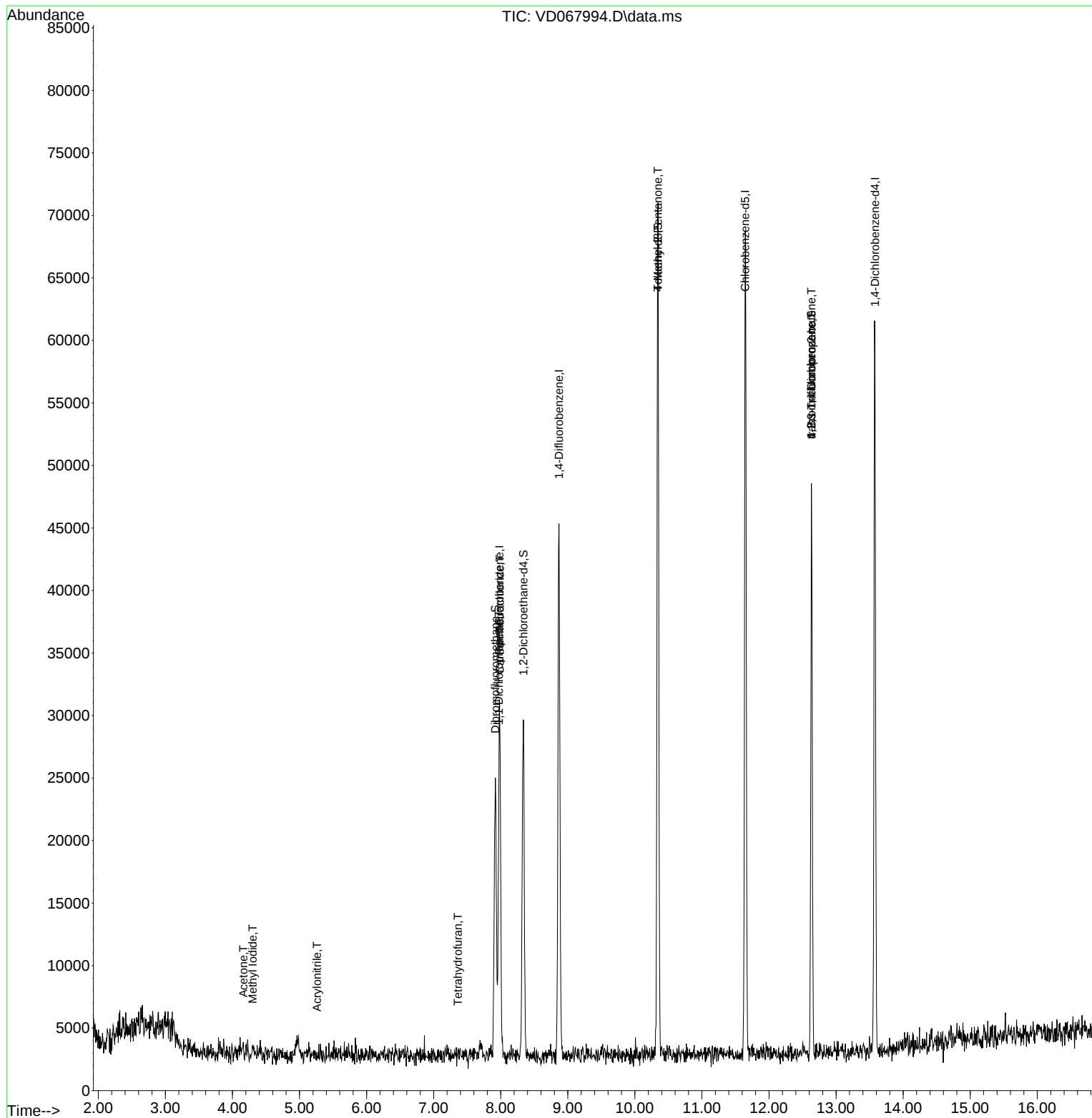
Internal Standards						
1) Pentafluorobenzene	7.979	168	19493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	35656	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	38475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	15511	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	21112	100.30	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 200.60%#			
35) Dibromofluoromethane	7.920	113	15362	68.38	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 136.76%			
50) Toluene-d8	10.344	98	46451	55.01	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.02%			
62) 4-Bromofluorobenzene	12.632	95	14698	50.88	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.76%			
Target Compounds						Qvalue
5) Bromomethane	2.815	94	83	Below Cal	#	1
10) Methyl Iodide	4.303	142	87	4.20	ug/l #	41
15) Acrylonitrile	5.262	53	56	1.09	ug/l #	18
16) Acetone	4.162	43	373	9.28	ug/l #	47
20) Methylene Chloride	4.950	84	569	Below Cal	#	83
29) Tetrahydrofuran	7.361	42	84	2.10	ug/l #	36
36) 1,1-Dichloropropene	7.973	75	1771	4.67	ug/l #	42
38) Carbon Tetrachloride	7.985	117	2464	6.81	ug/l #	24
51) 4-Methyl-2-Pentanone	10.344	43	165	1.13	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	7440	56.97	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	7440	116.78	ug/l #	12

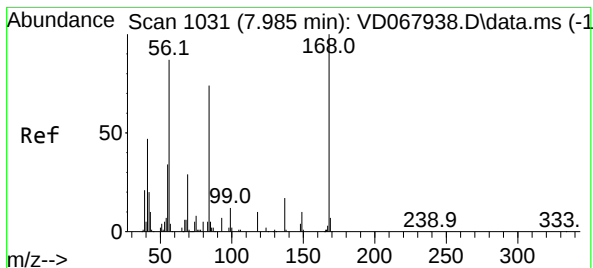
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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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

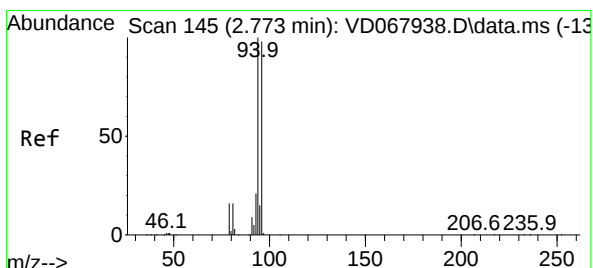
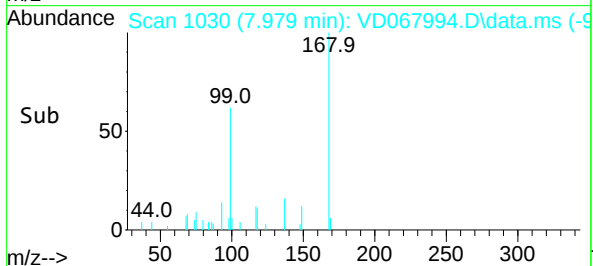
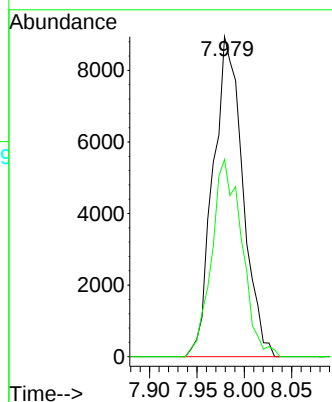
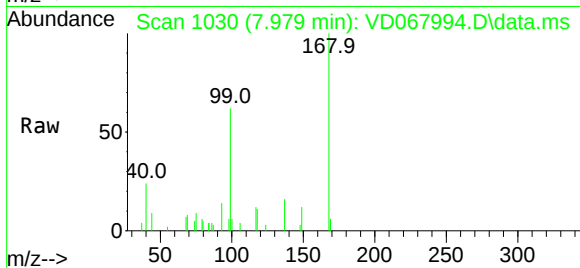




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067994.D
Acq: 04 Jan 2021 16:54

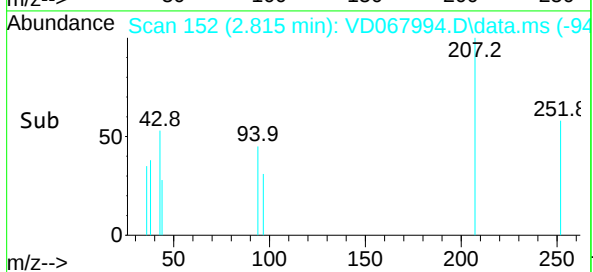
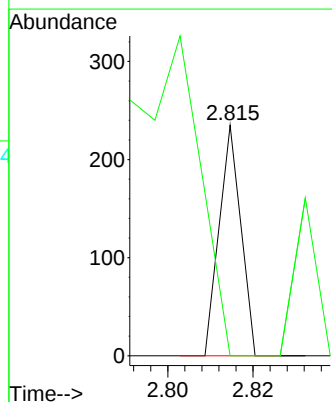
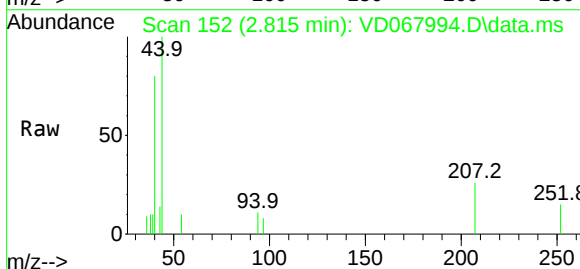
Instrument :
MSVOA_D
ClientSampleId :
VOC

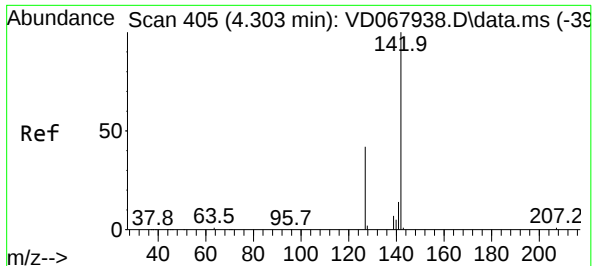
Tgt Ion:168 Resp: 19493
Ion Ratio Lower Upper
168 100
99 61.6 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.815 min Scan# 152
Delta R.T. 0.042 min
Lab File: VD067994.D
Acq: 04 Jan 2021 16:54

Tgt Ion: 94 Resp: 83
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#

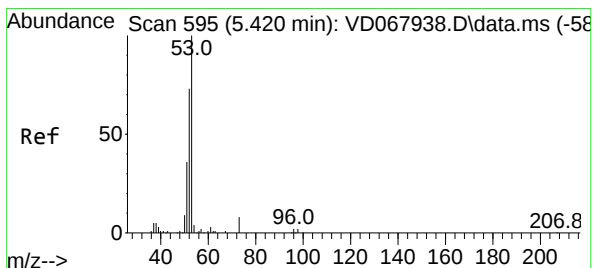
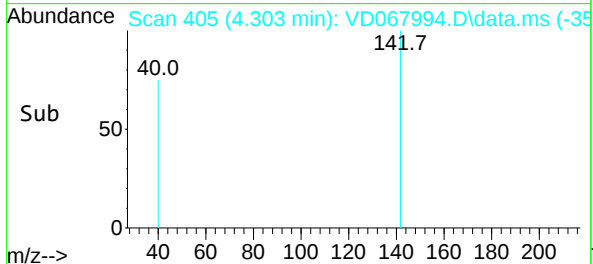
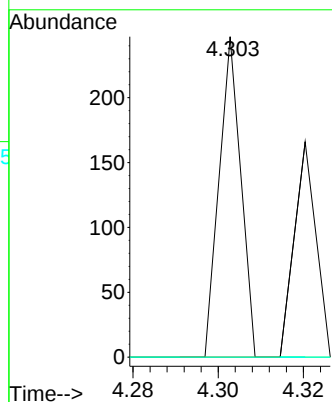
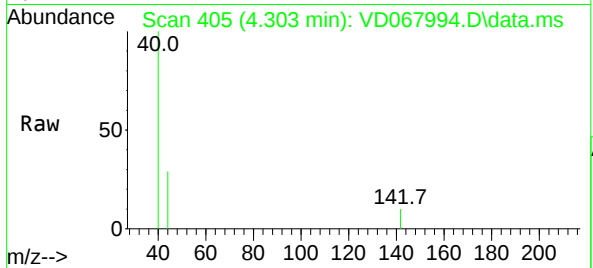




#10
Methyl Iodide
Concen: 4.20 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD067994.D
Acq: 04 Jan 2021 16:54

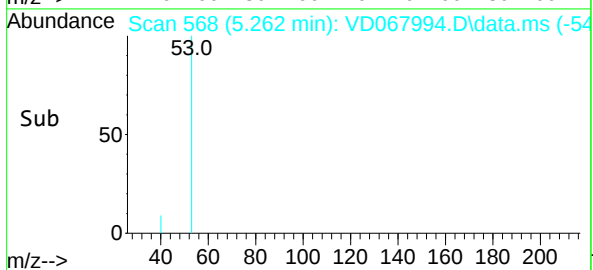
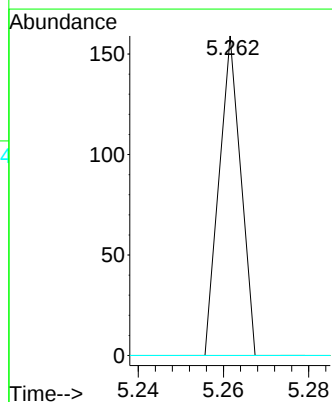
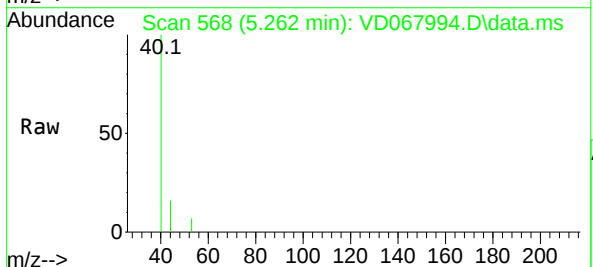
Instrument :
MSVOA_D
ClientSampled :
VOC

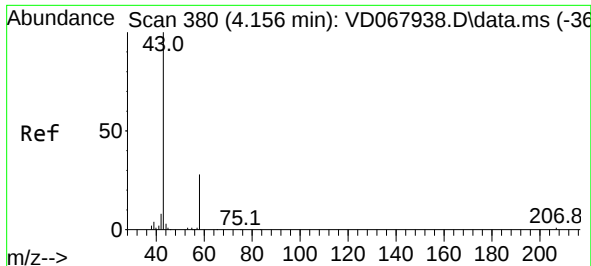
Tgt Ion:142 Resp: 87
Ion Ratio Lower Upper
142 100
127 0.0 34.4 51.6#
141 0.0 11.8 17.8#



#15
Acrylonitrile
Concen: 1.09 ug/l
RT: 5.262 min Scan# 568
Delta R.T. -0.159 min
Lab File: VD067994.D
Acq: 04 Jan 2021 16:54

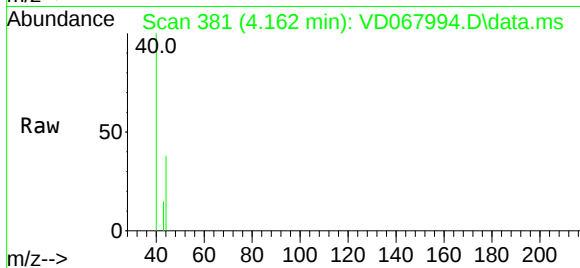
Tgt Ion: 53 Resp: 56
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 0.0 29.4 44.2#



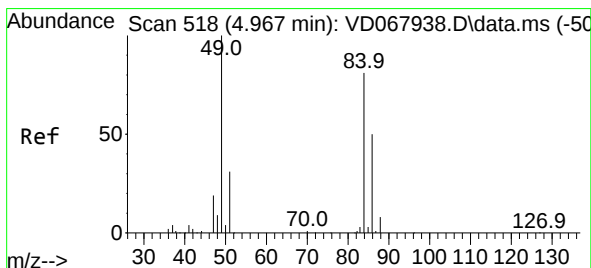
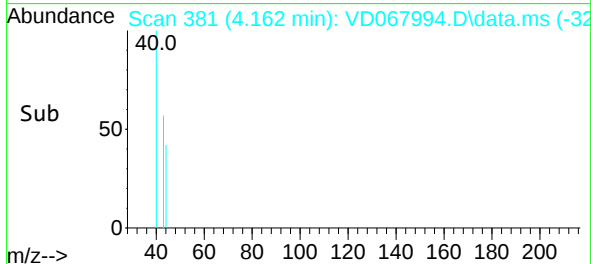
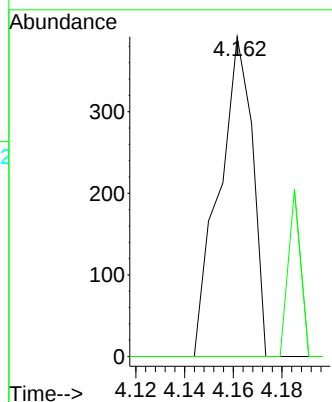


#16
Acetone
Concen: 9.28 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD067994.D
Acq: 04 Jan 2021 16:54

Instrument :
MSVOA_D
ClientSampled :
VOC

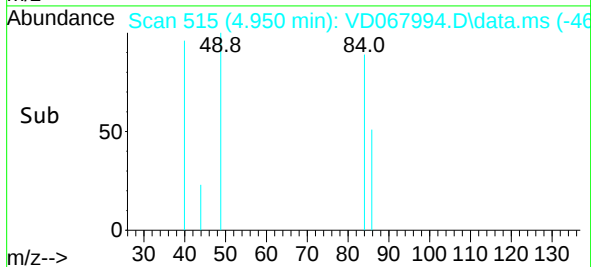
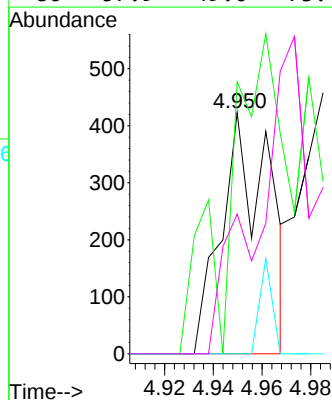
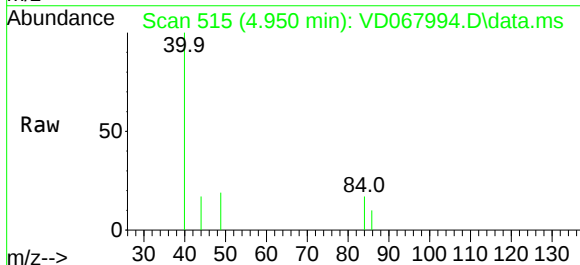


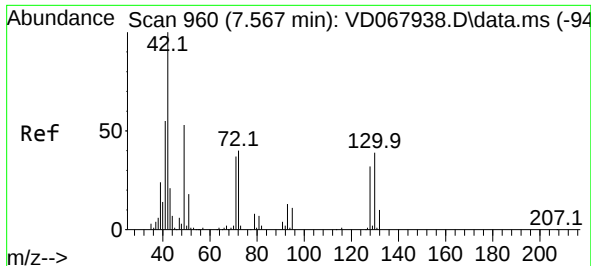
Tgt Ion: 43 Resp: 373
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.017 min
Lab File: VD067994.D
Acq: 04 Jan 2021 16:54

Tgt Ion: 84 Resp: 569
Ion Ratio Lower Upper
84 100
49 112.8 98.3 147.5
51 0.0 30.3 45.5#
86 57.9 49.0 73.4





#29

Tetrahydrofuran

Concen: 2.10 ug/l

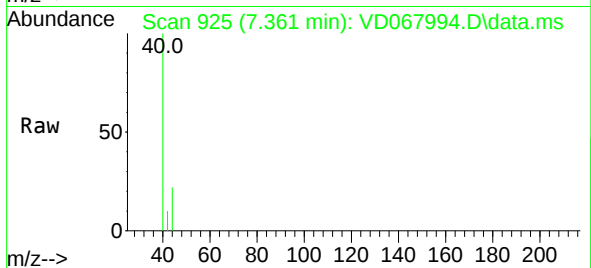
RT: 7.361 min Scan# 925

Delta R.T. -0.206 min

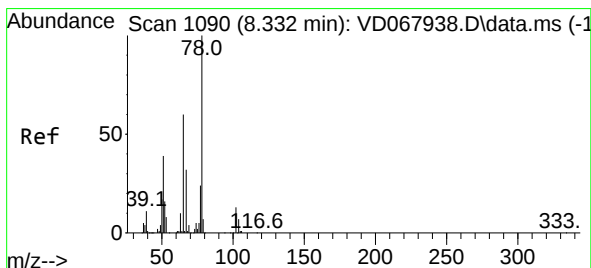
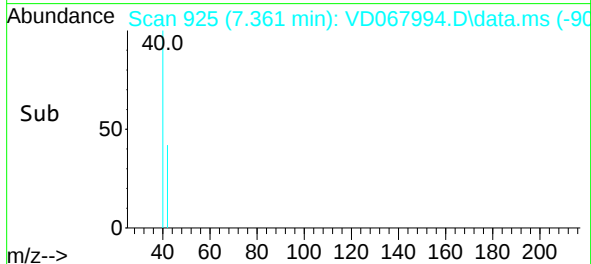
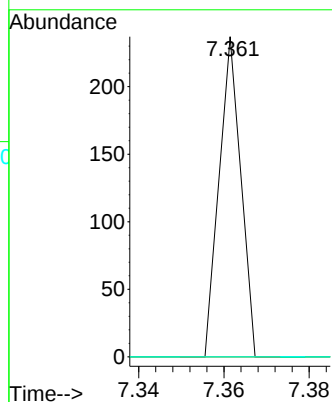
Lab File: VD067994.D

Acq: 04 Jan 2021 16:54

Instrument :
MSVOA_D
ClientSampleId :
VOC



Tgt Ion:	42	Resp:	84
Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.9	49.3#
71	0.0	29.9	44.9#



#33

1,2-Dichloroethane-d4

Concen: 100.30 ug/l

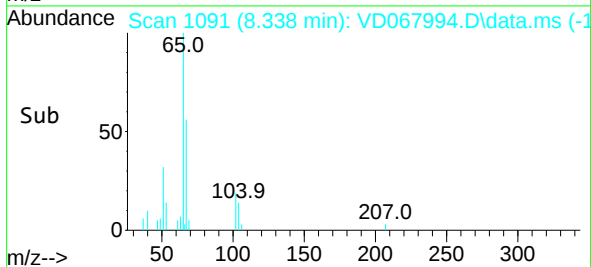
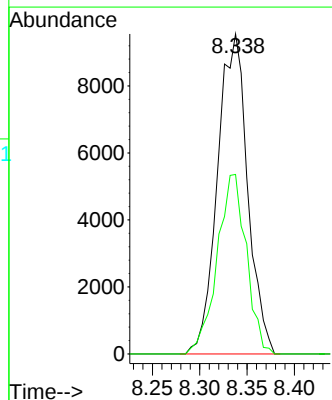
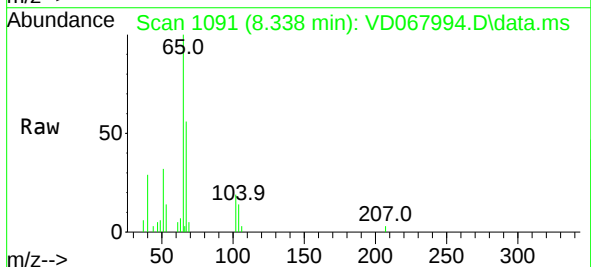
RT: 8.338 min Scan# 1091

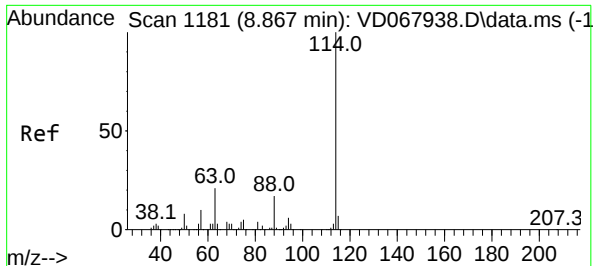
Delta R.T. 0.006 min

Lab File: VD067994.D

Acq: 04 Jan 2021 16:54

Tgt Ion:	65	Resp:	21112
Ion	Ratio	Lower	Upper
65	100		
67	54.3	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: VD067994.D

Acq: 04 Jan 2021 16:54

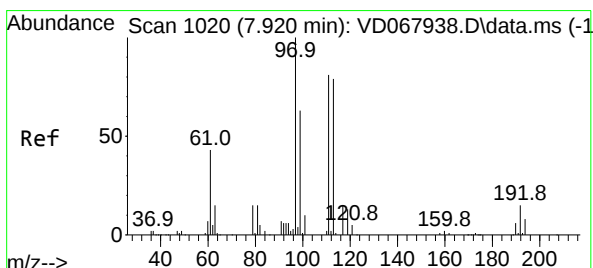
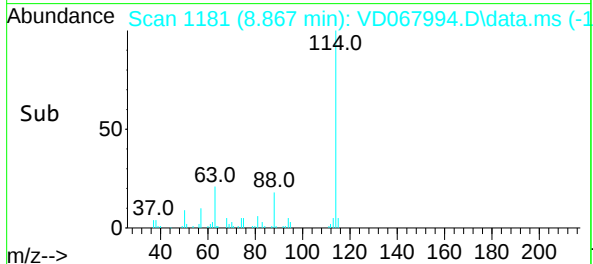
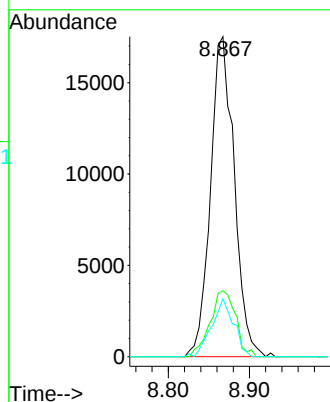
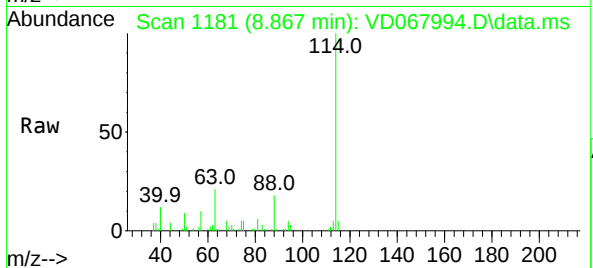
Instrument :

MSVOA_D

ClientSampled :

VOC

Tgt Ion:	114	Resp:	35656
Ion Ratio	Lower	Upper	
114	100		
63	21.6	0.0	41.4
88	18.1	0.0	33.2



#35

Dibromofluoromethane

Concen: 68.38 ug/l

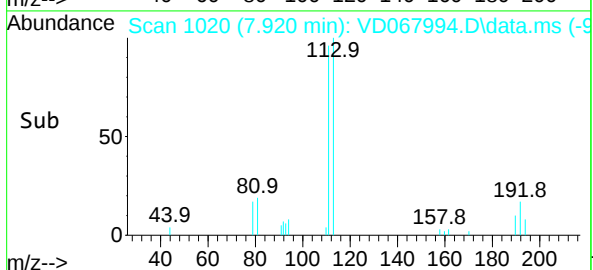
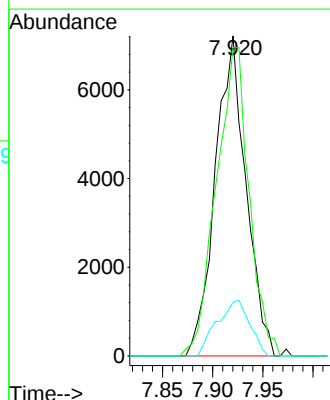
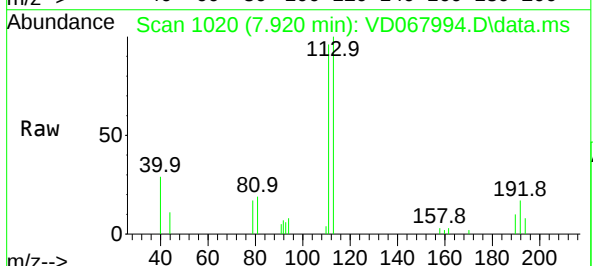
RT: 7.920 min Scan# 1020

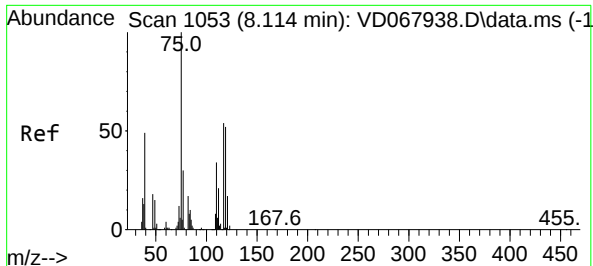
Delta R.T. 0.000 min

Lab File: VD067994.D

Acq: 04 Jan 2021 16:54

Tgt Ion:	113	Resp:	15362
Ion Ratio	Lower	Upper	
113	100		
111	102.9	79.3	118.9
192	18.6	14.5	21.7

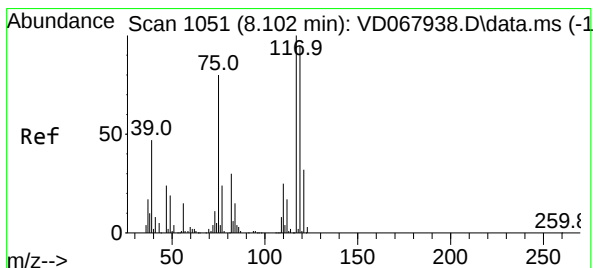
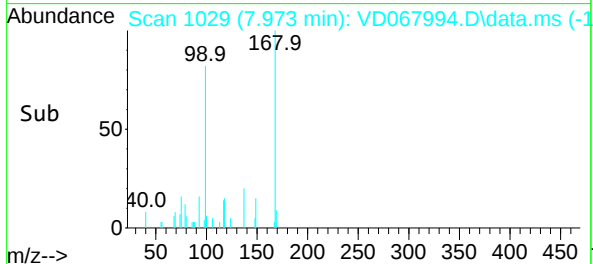
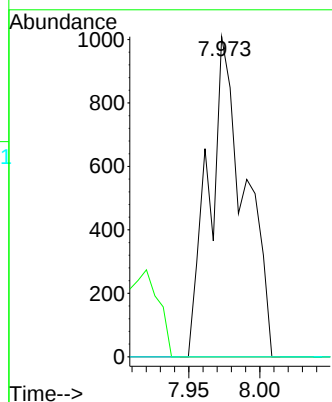
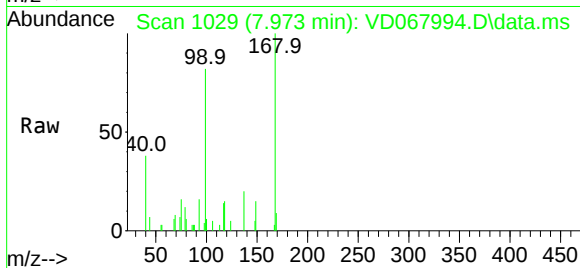




#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD067994.D
Acq: 04 Jan 2021 16:54

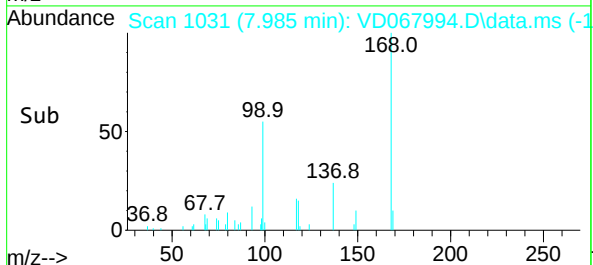
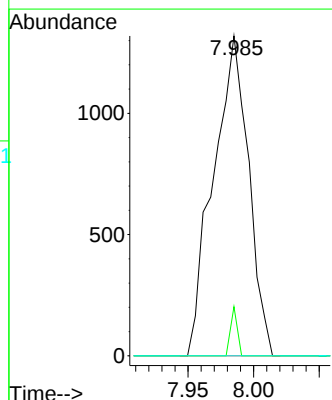
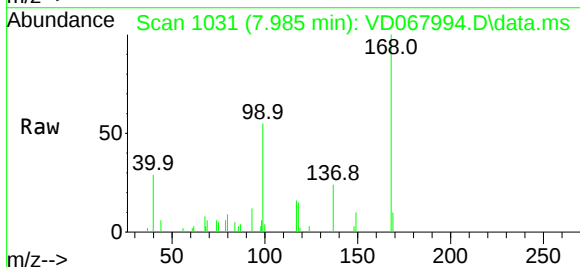
Instrument :
MSVOA_D
ClientSampleId :
VOC

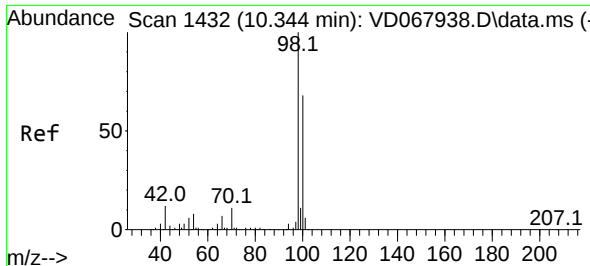
Tgt Ion: 75 Resp: 1771
Ion Ratio Lower Upper
75 100
110 0.0 17.0 51.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.81 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.118 min
Lab File: VD067994.D
Acq: 04 Jan 2021 16:54

Tgt Ion: 117 Resp: 2464
Ion Ratio Lower Upper
117 100
119 15.4 76.2 114.4#
121 0.0 25.9 38.9#

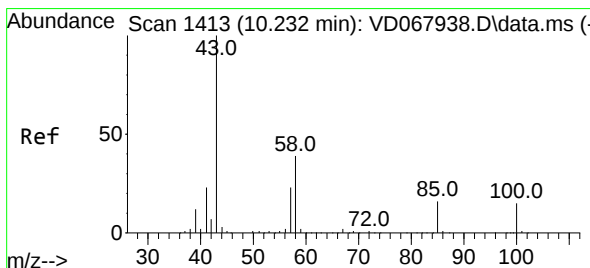
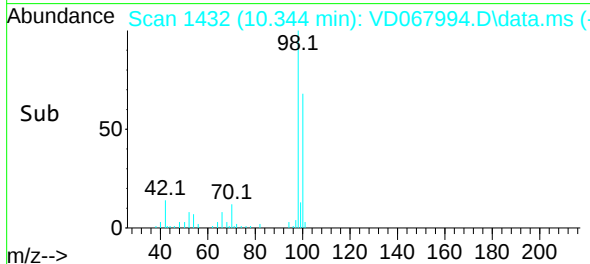
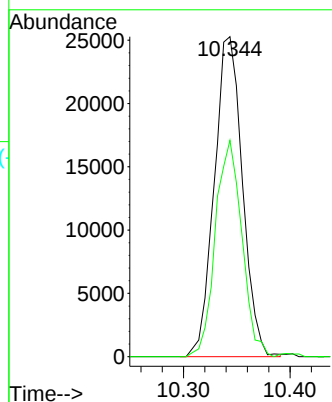
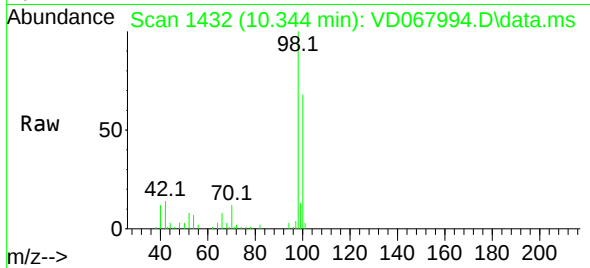




#50
Toluene-d8
Concen: 55.01 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067994.D
Acq: 04 Jan 2021 16:54

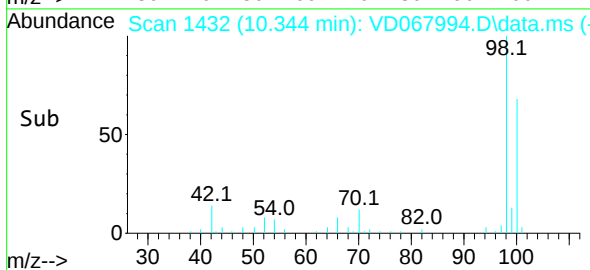
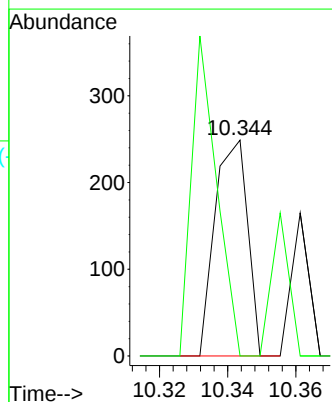
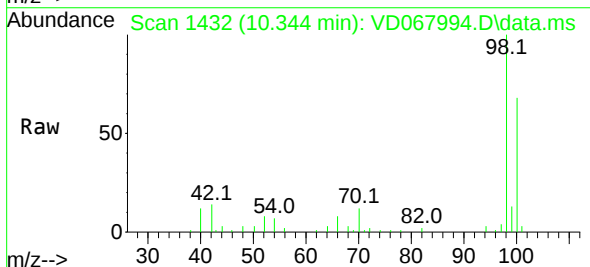
Instrument :
MSVOA_D
ClientSampled :
VOC

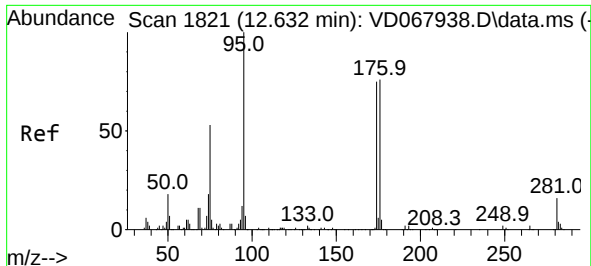
Tgt Ion: 98 Resp: 46451
Ion Ratio Lower Upper
98 100
100 63.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.13 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD067994.D
Acq: 04 Jan 2021 16:54

Tgt Ion: 43 Resp: 165
Ion Ratio Lower Upper
43 100
58 114.5 30.0 45.0#

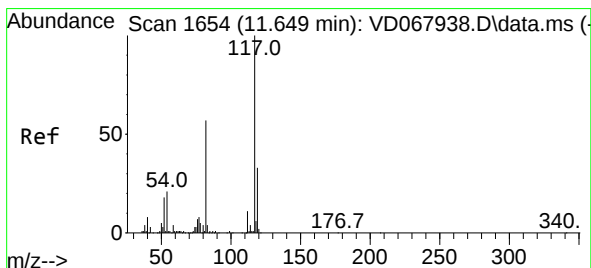
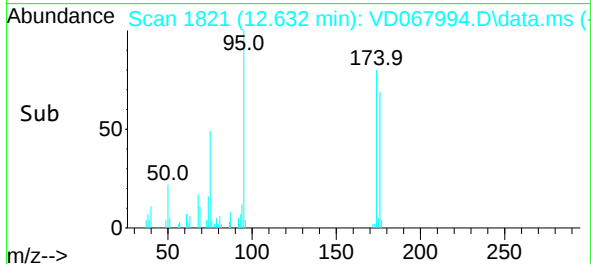
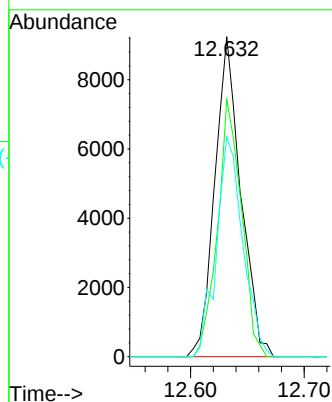
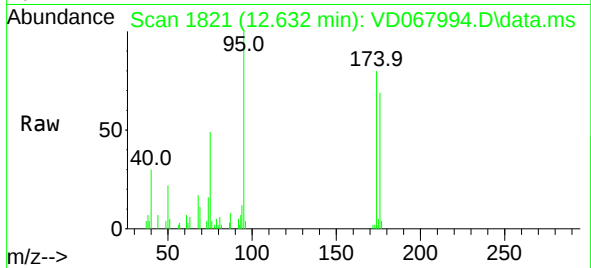




#62
4-Bromofluorobenzene
Concen: 50.88 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067994.D
Acq: 04 Jan 2021 16:54

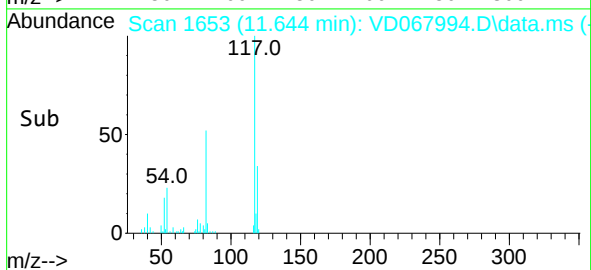
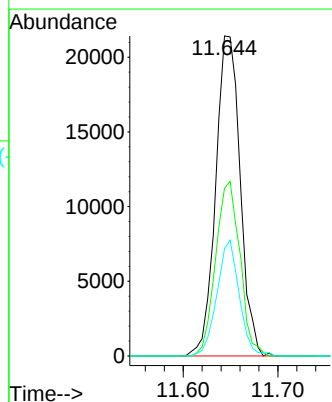
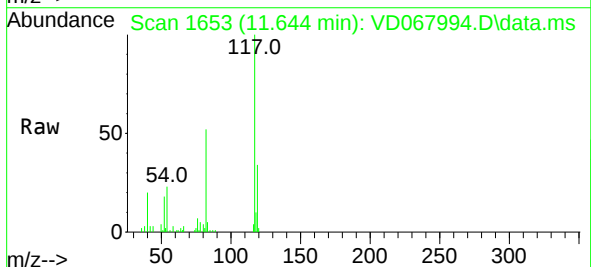
Instrument :
MSVOA_D
ClientSampleId :
VOC

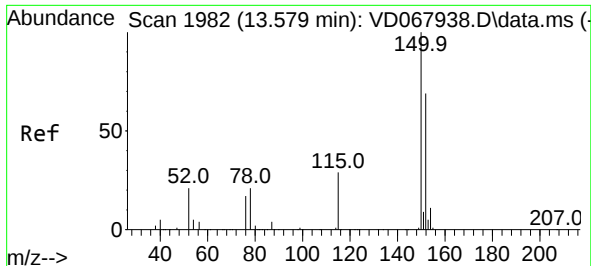
Tgt Ion: 95 Resp: 14698
Ion Ratio Lower Upper
95 100
174 74.1 0.0 150.6
176 69.8 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD067994.D
Acq: 04 Jan 2021 16:54

Tgt Ion: 117 Resp: 38475
Ion Ratio Lower Upper
117 100
82 52.4 45.4 68.0
119 33.5 26.7 40.1

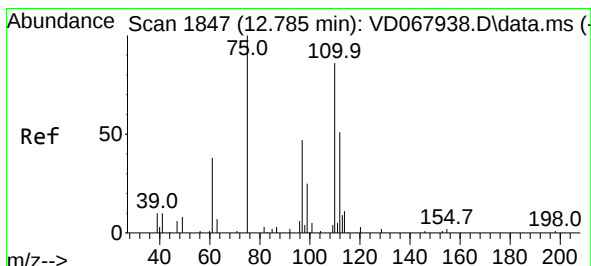
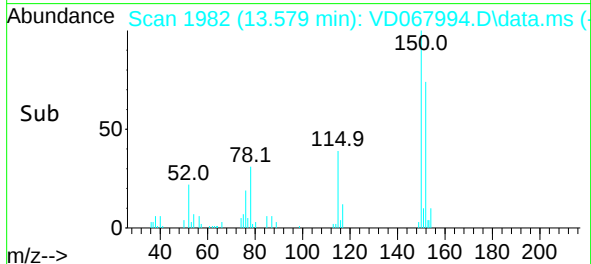
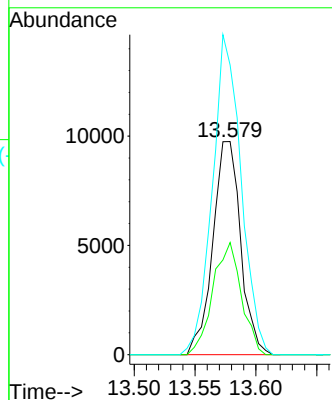
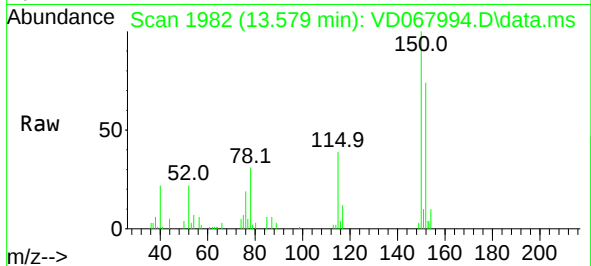




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD067994.D
Acq: 04 Jan 2021 16:54

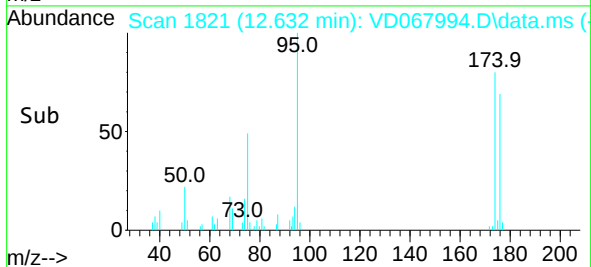
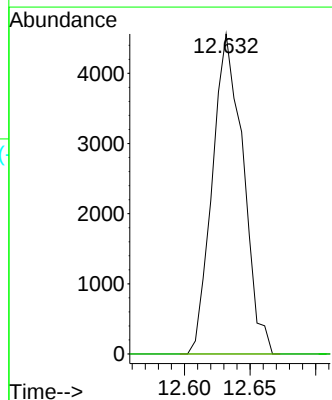
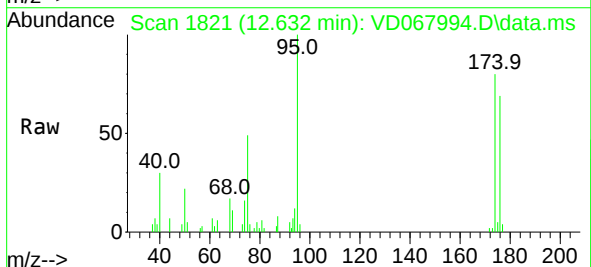
Instrument :
MSVOA_D
ClientSampled :
VOC

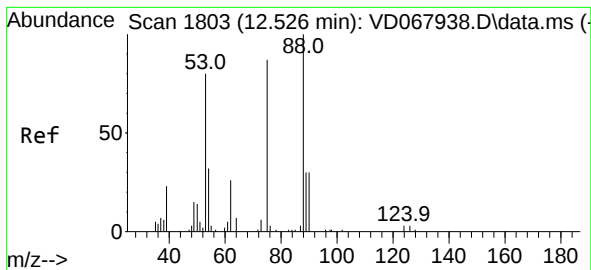
Tgt Ion:152 Resp: 15511
Ion Ratio Lower Upper
152 100
115 53.9 29.3 88.0
150 154.9 0.0 340.0



#76
1,2,3-Trichloropropane
Concen: 56.97 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD067994.D
Acq: 04 Jan 2021 16:54

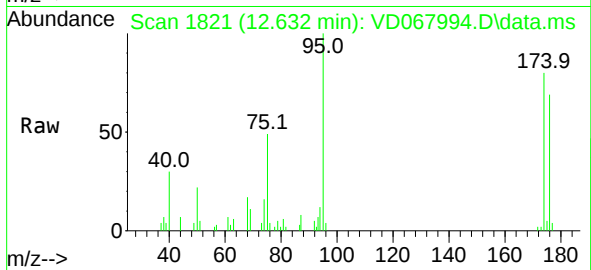
Tgt Ion: 75 Resp: 7440
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.78 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD067994.D
 Acq: 04 Jan 2021 16:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC



Tgt Ion: 75 Resp: 7440
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.9 112.3#
 89 0.0 33.8 50.8#

