Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102620\
Data File : VD067399.D
Acq On : 26 Oct 2020 18:20
Operator : VA/SY
Sample : L4510-12
Misc : 6.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VOC-12

Quant Time: Oct 27 00:53:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	293265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	488998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	477552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	231511	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	155537	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.88%			
35) Dibromofluoromethane	7.92	113	158836	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.62%			
50) Toluene-d8	10.34	98	581175	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.70%			
62) 4-Bromofluorobenzene	12.64	95	203078	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.18%			
Target Compounds						Qvalue
5) Bromomethane	2.77	94	118	Below Cal	#	80
16) Acetone	4.16	43	474	1.152	ug/l #	1
20) Methylene Chloride	4.96	84	829	Below Cal	#	82
31) Cyclohexane	7.99	56	5210	1.540	ug/l #	1
36) 1,1-Dichloropropene	7.99	75	19806	4.779	ug/l #	50
38) Carbon Tetrachloride	7.98	117	30233	5.707	ug/l #	16
51) 4-Methyl-2-Pentanone	10.34	43	2189	1.814	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	105061	65.475	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	105061	148.478	ug/l #	10

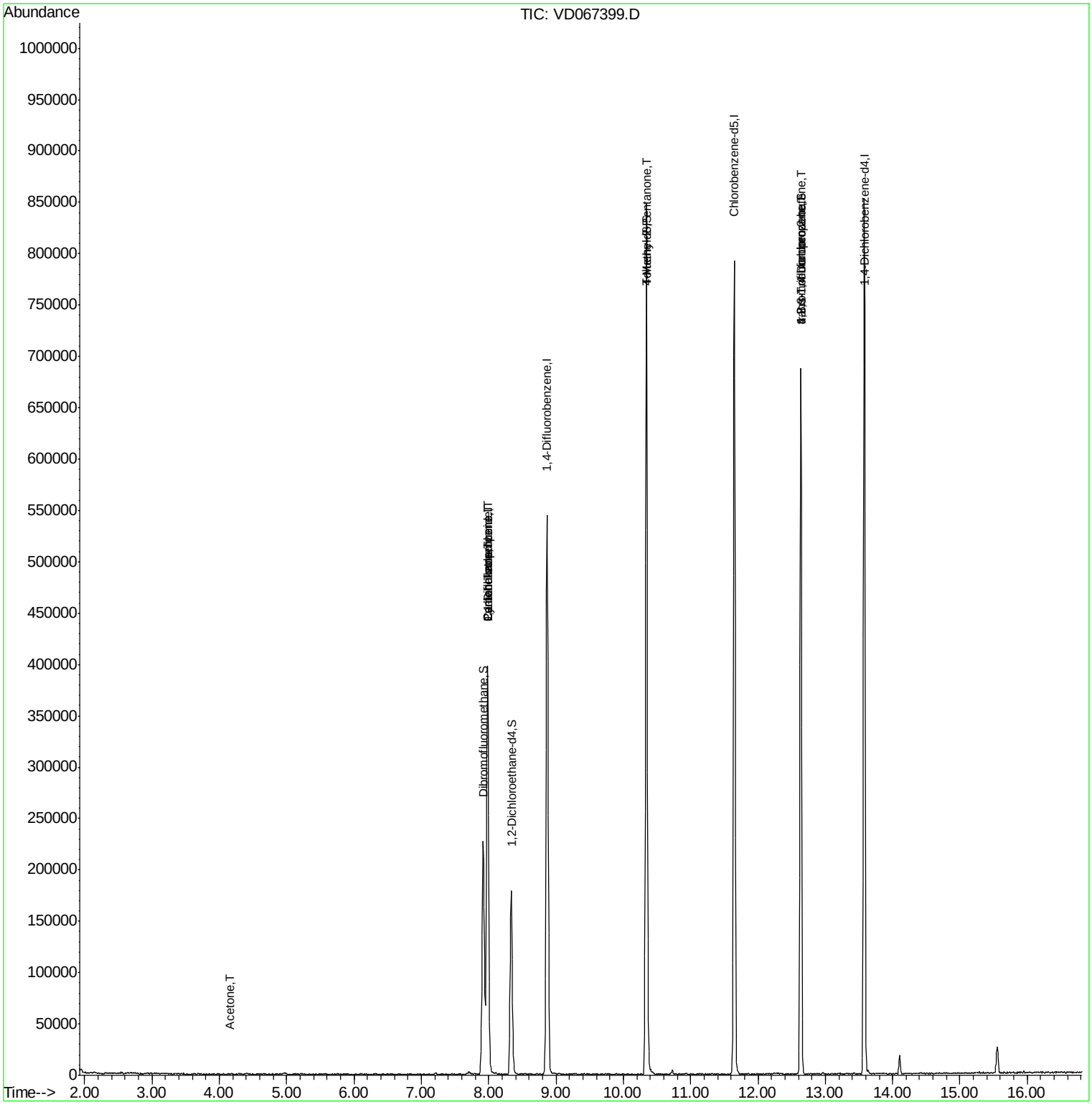
(#) = qualifier out of range (m) = manual integration (+) = signals summed

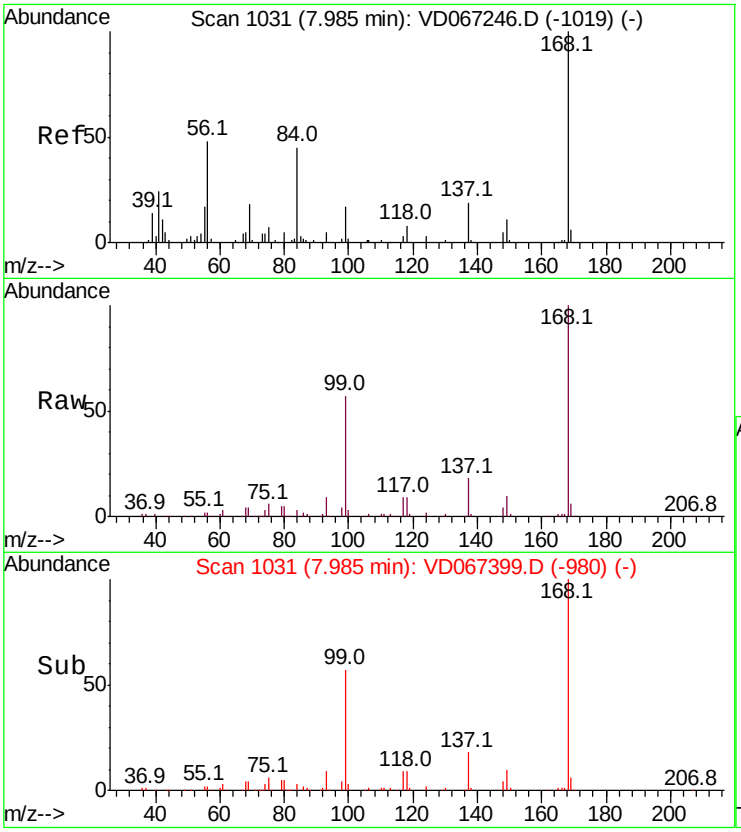
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102620\
Data File : VD067399.D
Acq On : 26 Oct 2020 18:20
Operator : VA/SY
Sample : L4510-12
Misc : 6.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VOC-12

Quant Time: Oct 27 00:53:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration



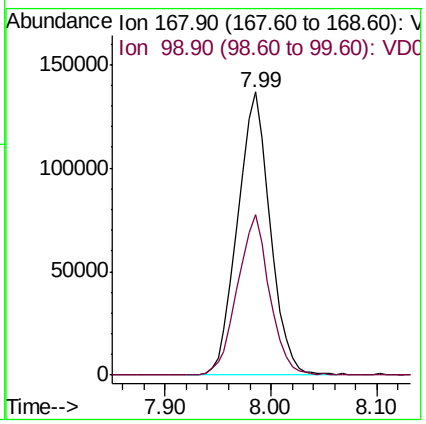


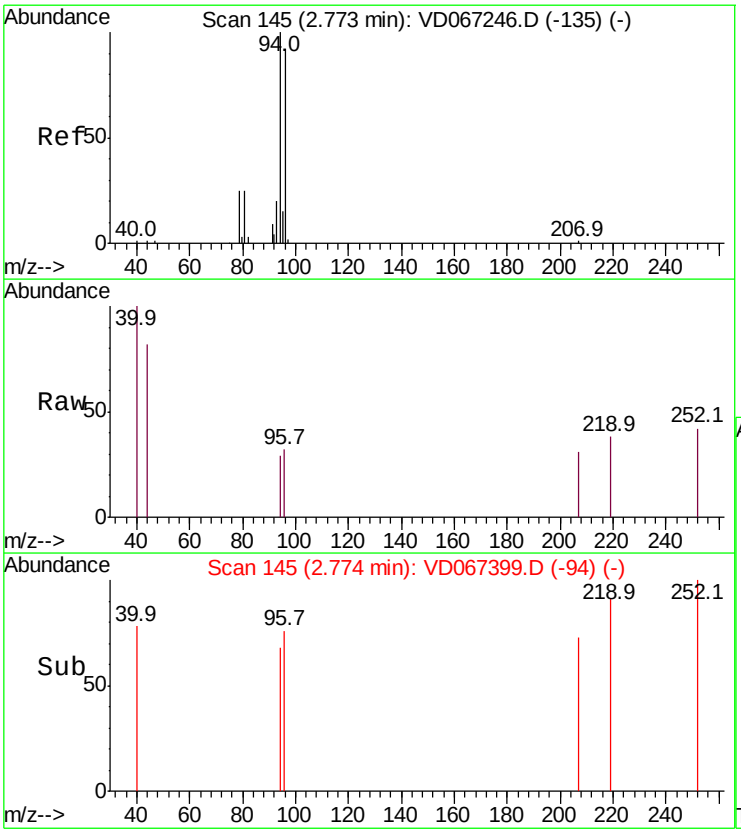
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067399.D
Acq: 26 Oct 2020 18:20

Instrument :
MSVOA_D
ClientSampleId :
VOC-12

Tgt Ion:168 Resp: 293265

Ion	Ratio	Lower	Upper
168	100		
99	56.8	45.9	68.9

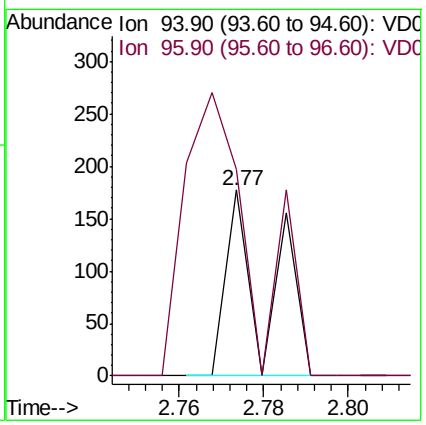


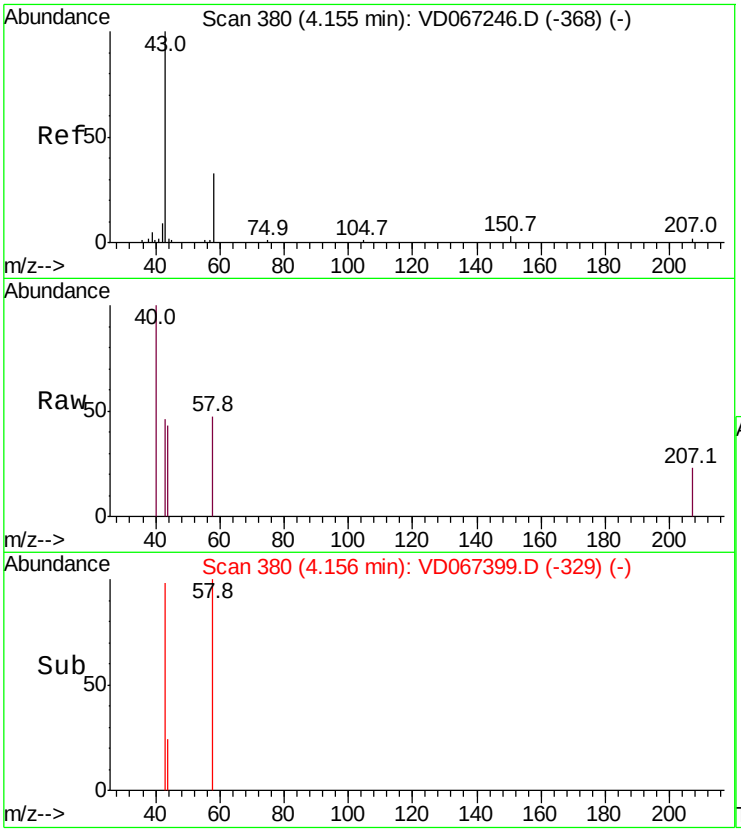


#5
Bromomethane
Concen: Below Cal
RT: 2.77 min Scan# 145
Delta R.T. 0.00 min
Lab File: VD067399.D
Acq: 26 Oct 2020 18:20

Tgt Ion: 94 Resp: 118

Ion	Ratio	Lower	Upper
94	100		
96	111.3	73.8	110.6#



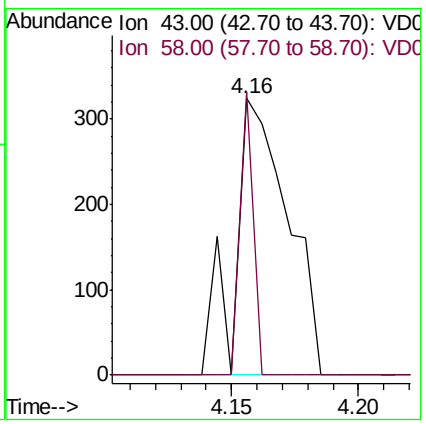


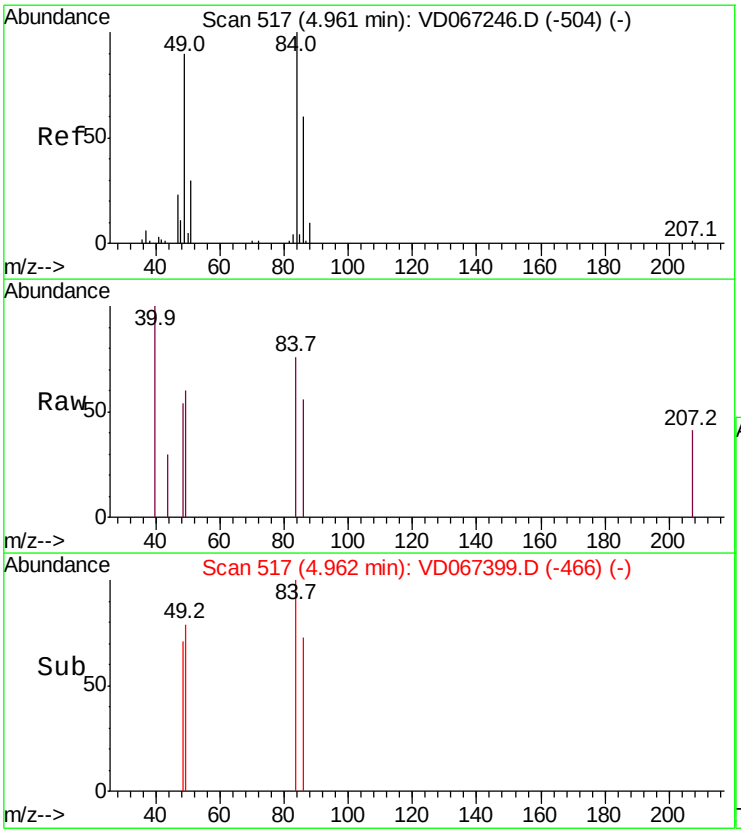
#16
Acetone
Concen: 1.152 ug/l
RT: 4.16 min Scan# 380
Delta R.T. 0.00 min
Lab File: VD067399.D
Acq: 26 Oct 2020 18:20

Instrument : MSVOA_D
ClientSampleId : VOC-12

Tgt Ion: 43 Resp: 474

Ion	Ratio	Lower	Upper
43	100		
58	102.5	26.1	39.1#

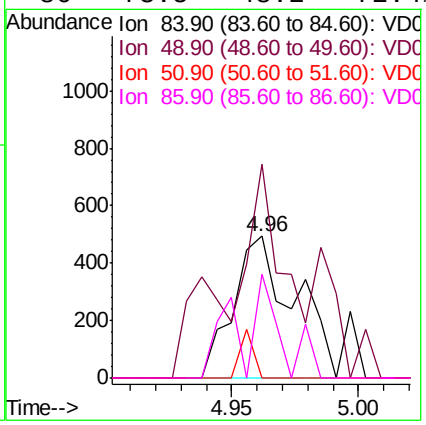


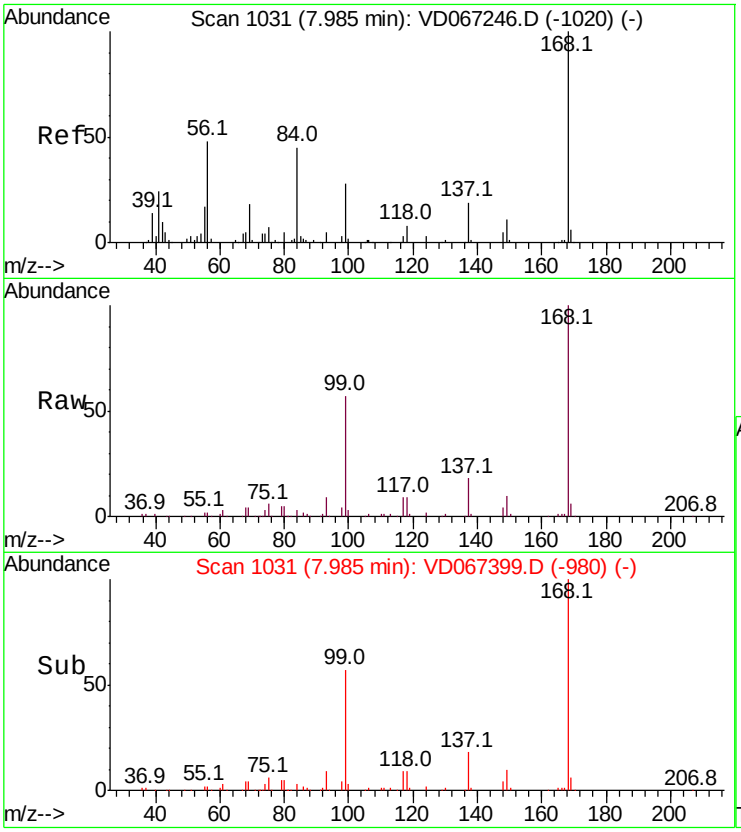


#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067399.D
Acq: 26 Oct 2020 18:20

Tgt Ion: 84 Resp: 829

Ion	Ratio	Lower	Upper
84	100		
49	96.2	72.2	108.2
51	0.0	23.8	35.8#
86	73.5	48.2	72.4#



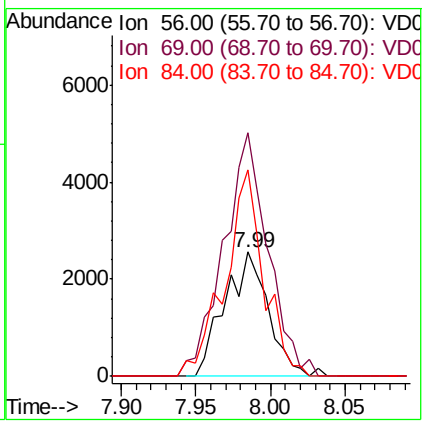


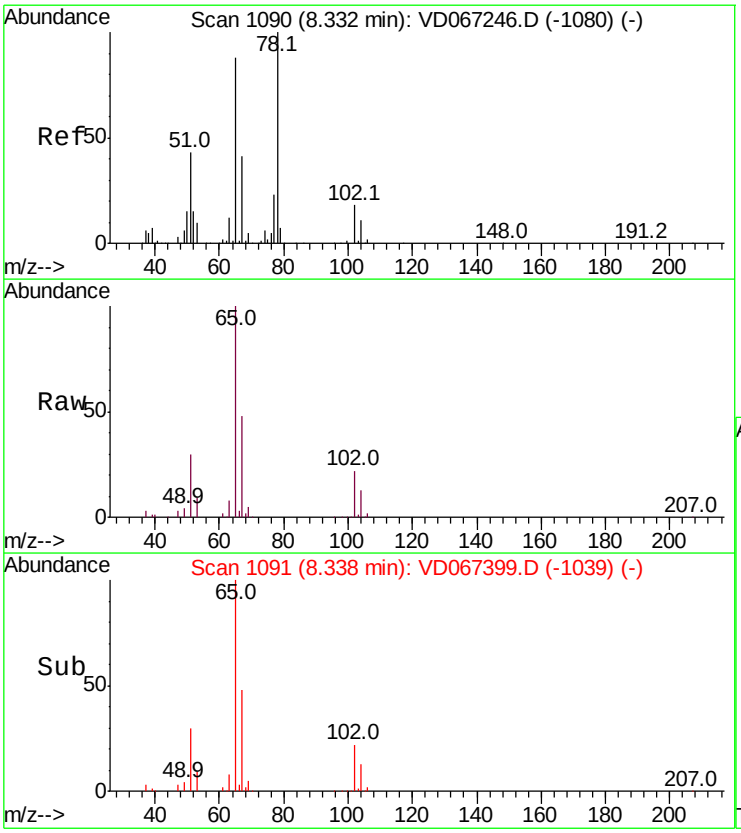
#31
Cyclohexane
Concen: 1.540 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067399.D
Acq: 26 Oct 2020 18:20

Instrument :
MSVOA_D
ClientSampleId :
VOC-12

Tgt Ion: 56 Resp: 5210

Ion	Ratio	Lower	Upper
56	100		
69	195.6	29.8	44.6#
84	166.2	76.6	114.8#

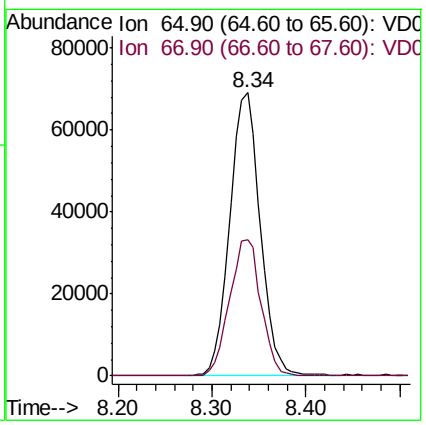


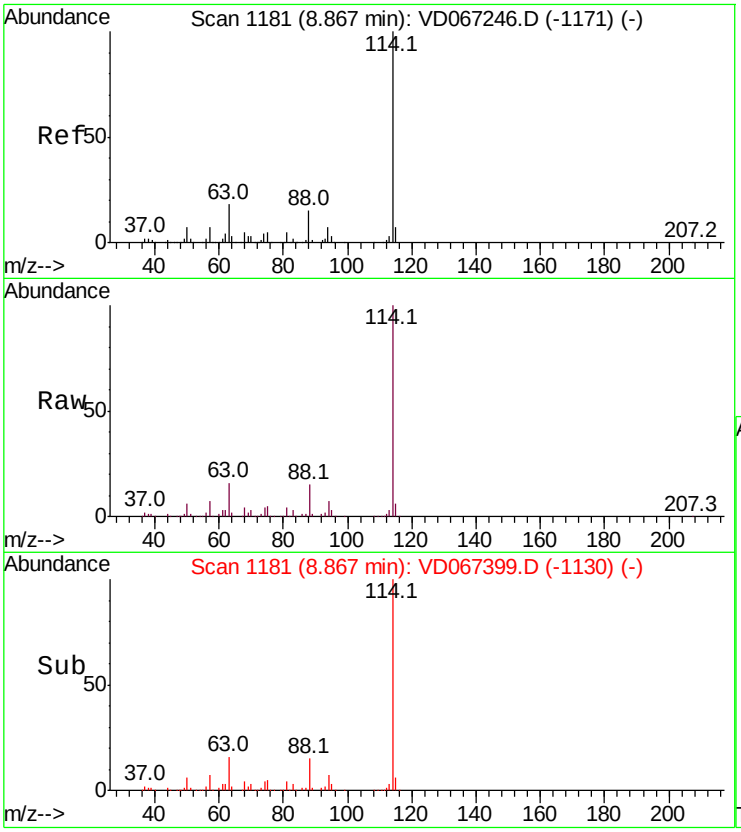


#33
1,2-Dichloroethane-d4
Concen: 52.938 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD067399.D
Acq: 26 Oct 2020 18:20

Tgt Ion: 65 Resp: 155537

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	103.8



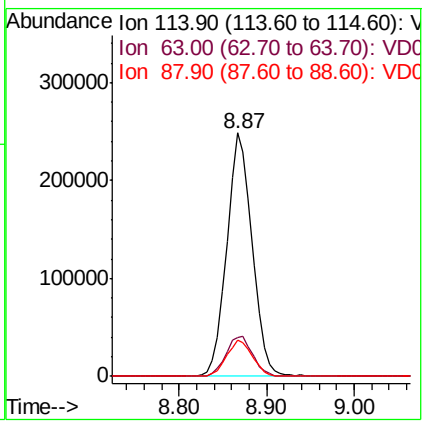


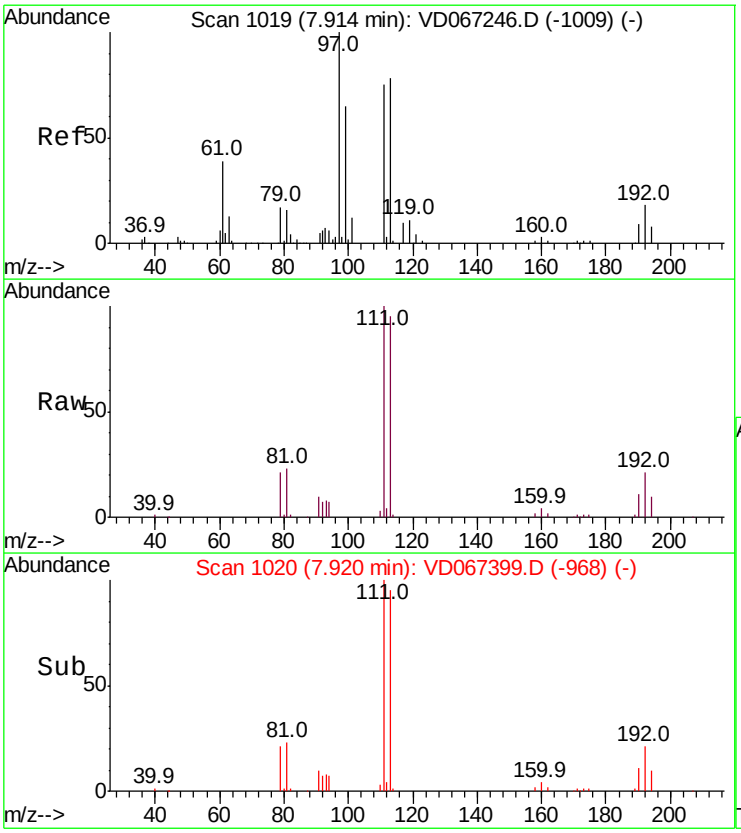
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD067399.D
Acq: 26 Oct 2020 18:20

Instrument : MSVOA_D
ClientSampleId : VOC-12

Tgt Ion:114 Resp: 488998

Ion	Ratio	Lower	Upper
114	100		
63	15.9	0.0	35.0
88	14.9	0.0	30.6

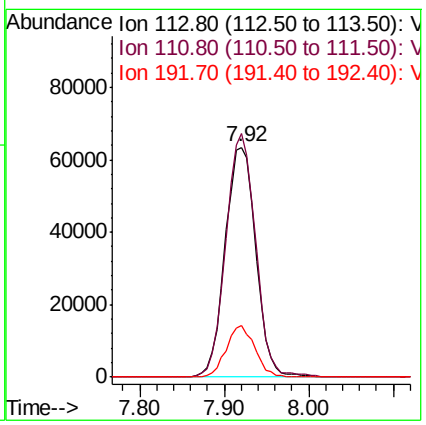


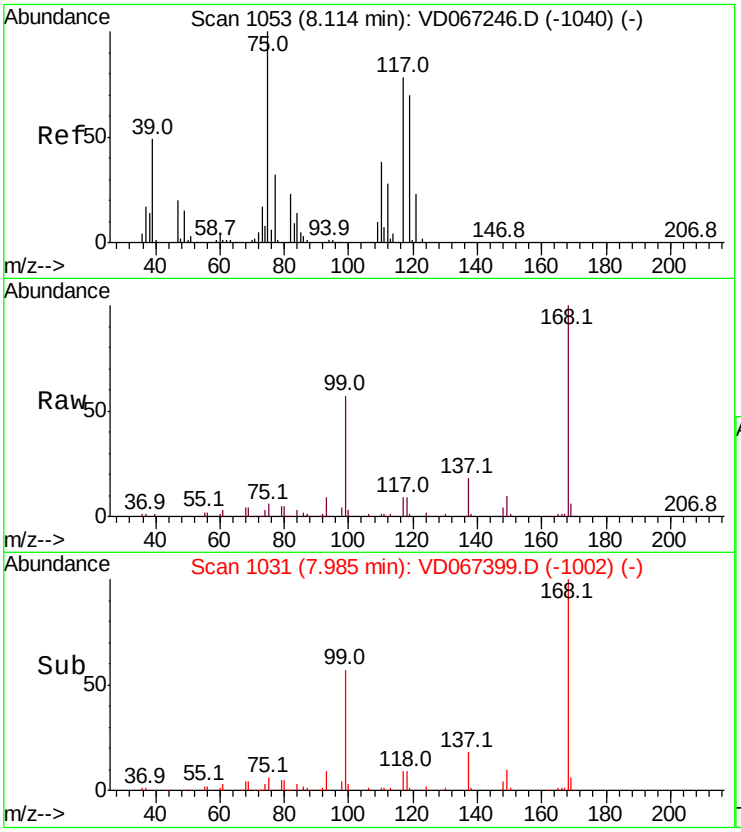


#35
Dibromofluoromethane
Concen: 48.808 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067399.D
Acq: 26 Oct 2020 18:20

Tgt Ion:113 Resp: 158836

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.6	122.4
192	20.7	17.0	25.4



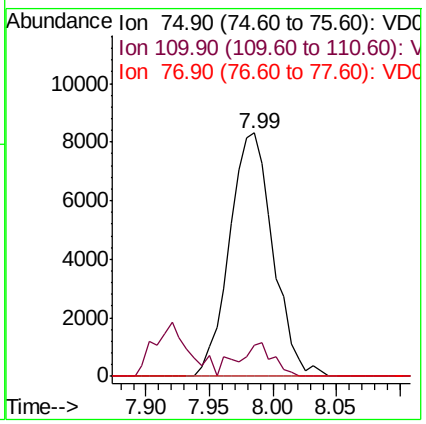


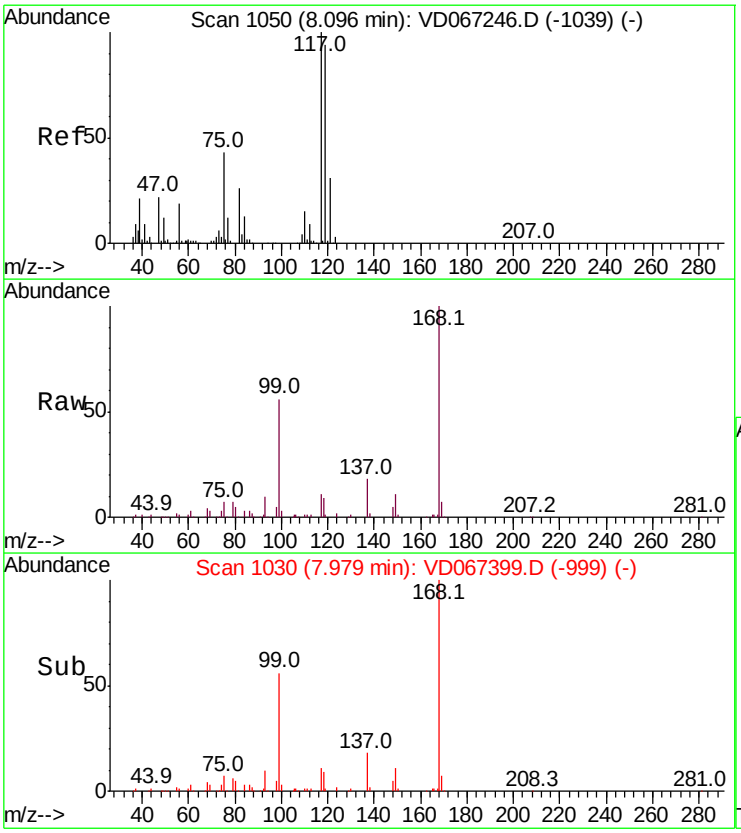
#36
1,1-Dichloropropene
Concen: 4.779 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.13 min
Lab File: VD067399.D
Acq: 26 Oct 2020 18:20

Instrument :
MSVOA_D
ClientSampleId :
VOC-12

Tgt Ion: 75 Resp: 19806

Ion	Ratio	Lower	Upper
75	100		
110	11.3	19.6	58.7#
77	0.0	24.6	37.0#

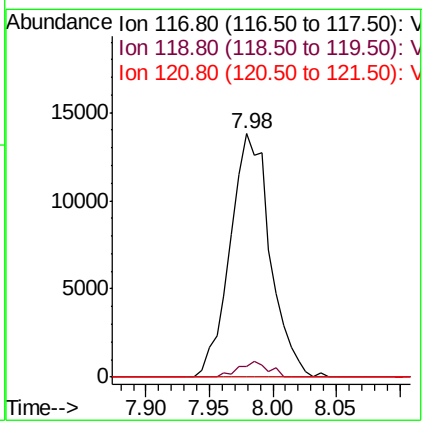


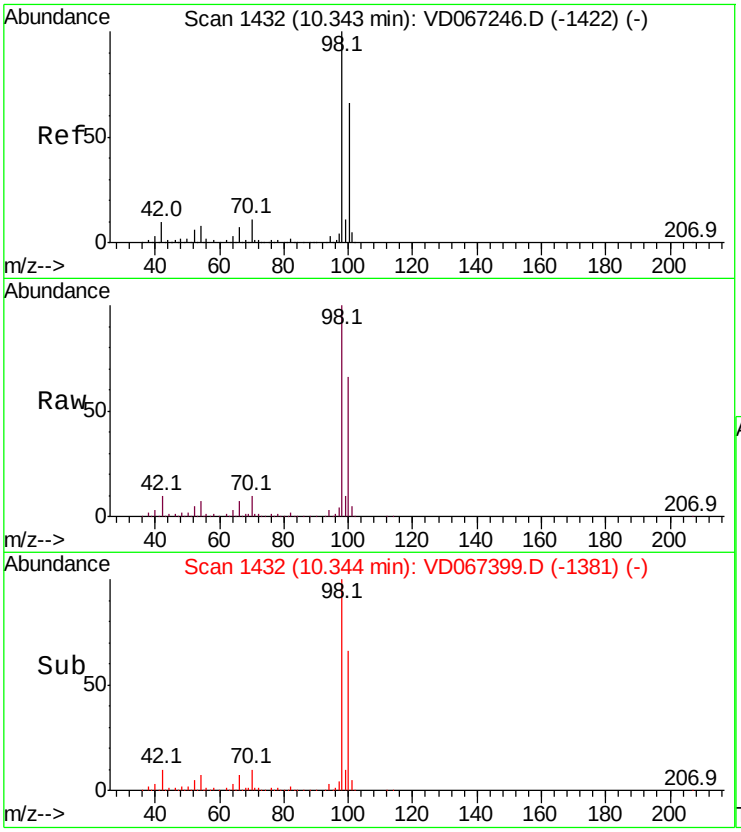


#38
Carbon Tetrachloride
Concen: 5.707 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD067399.D
Acq: 26 Oct 2020 18:20

Tgt Ion:117 Resp: 30233

Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.0	112.4#
121	0.0	24.9	37.3#



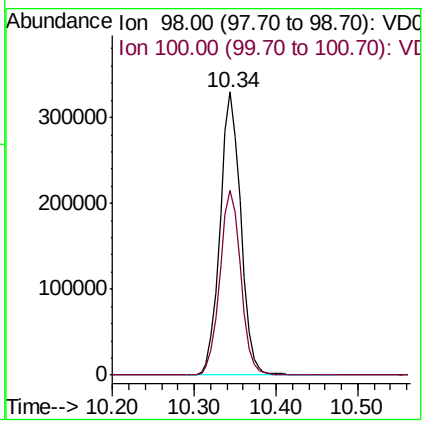


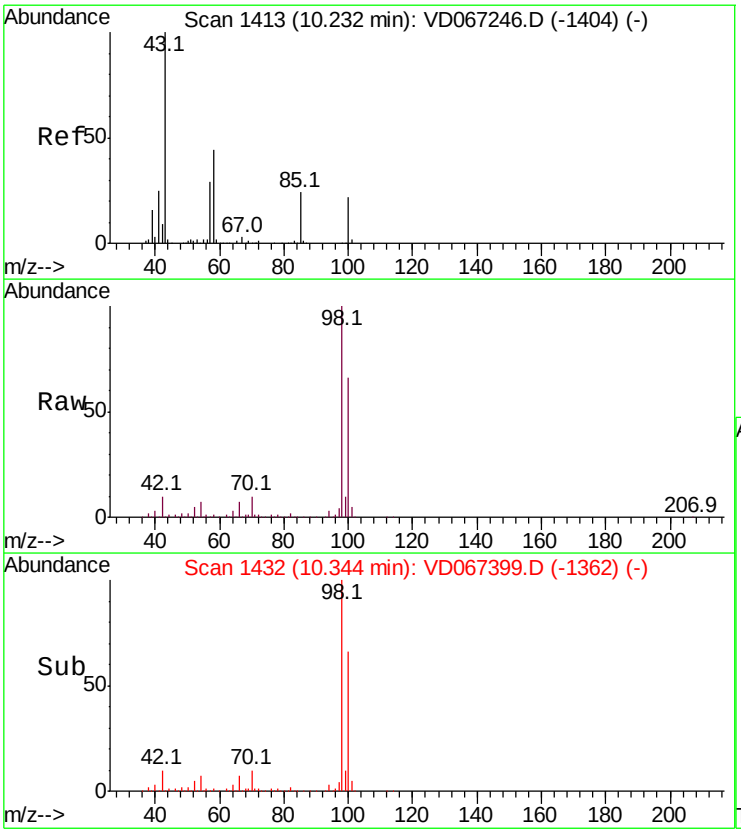
#50
Toluene-d8
Concen: 49.348 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067399.D
Acq: 26 Oct 2020 18:20

Instrument :
MSVOA_D
ClientSampleId :
VOC-12

Tgt Ion: 98 Resp: 581175

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.1	79.7

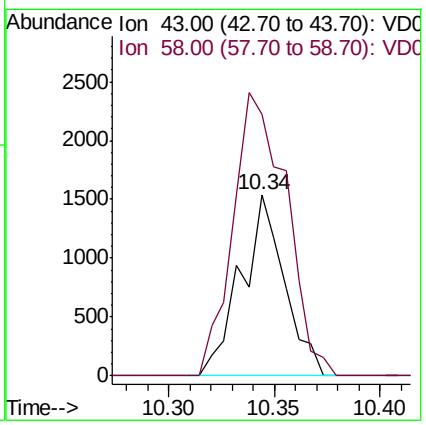


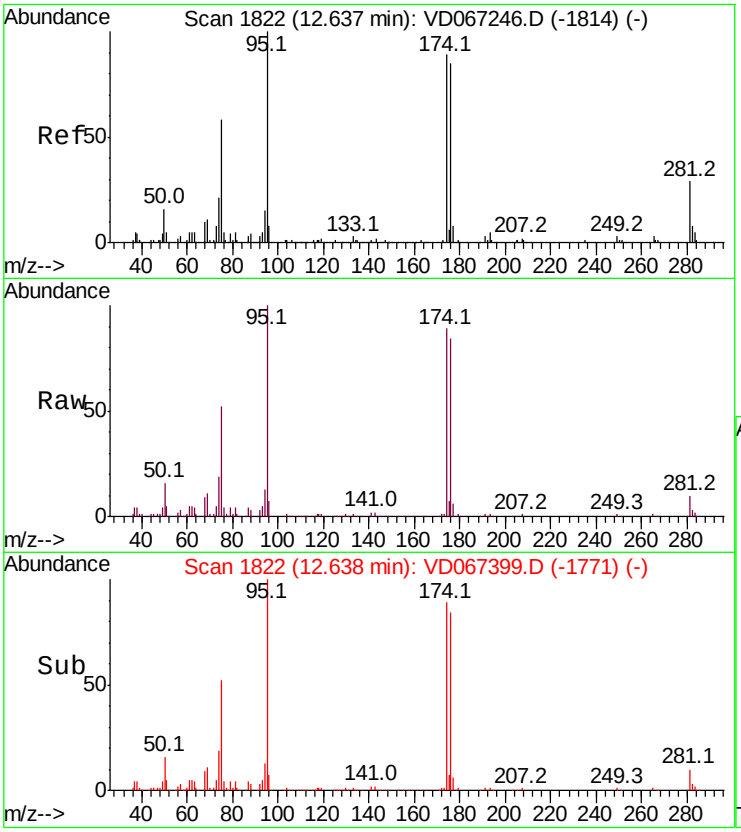


#51
4-Methyl-2-Pentanone
Concen: 1.814 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.11 min
Lab File: VD067399.D
Acq: 26 Oct 2020 18:20

Tgt Ion: 43 Resp: 2189

Ion	Ratio	Lower	Upper
43	100		
58	192.1	35.7	53.5#



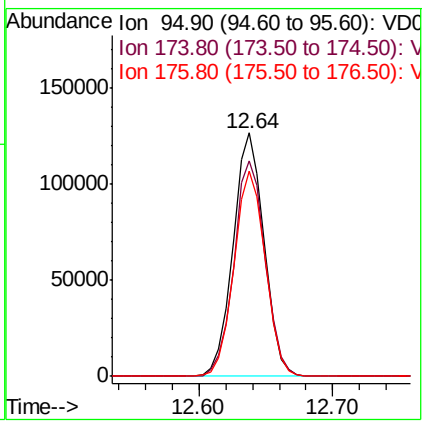


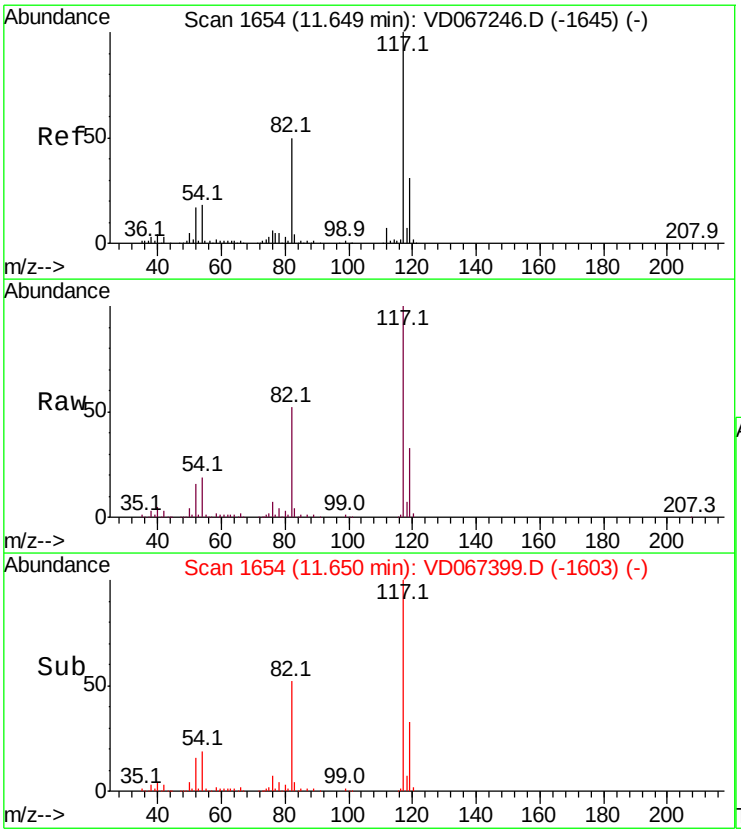
#62
4-Bromofluorobenzene
Concen: 49.590 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067399.D
Acq: 26 Oct 2020 18:20

Instrument :
MSVOA_D
ClientSampleId :
VOC-12

Tgt Ion: 95 Resp: 203078

Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	175.2
176	84.9	0.0	168.6

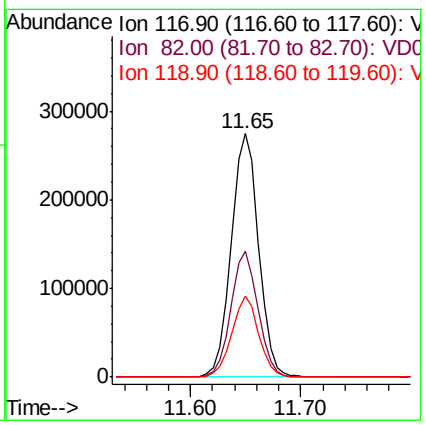


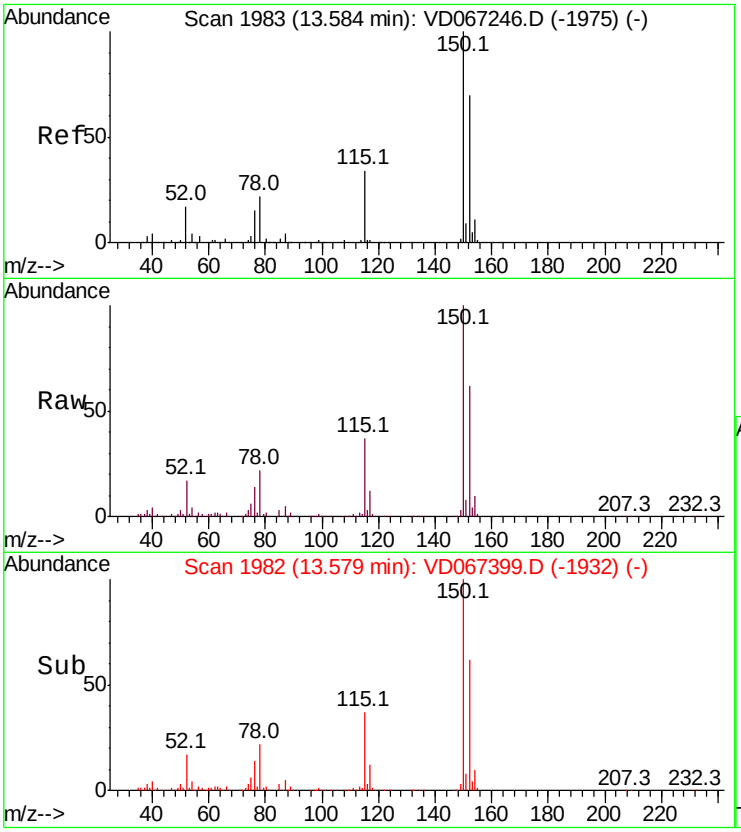


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067399.D
Acq: 26 Oct 2020 18:20

Tgt Ion:117 Resp: 477552

Ion	Ratio	Lower	Upper
117	100		
82	51.8	39.9	59.9
119	33.1	24.9	37.3



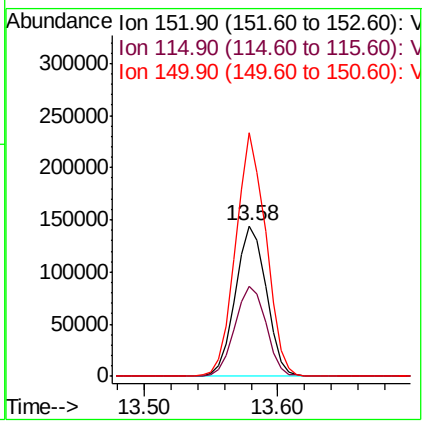


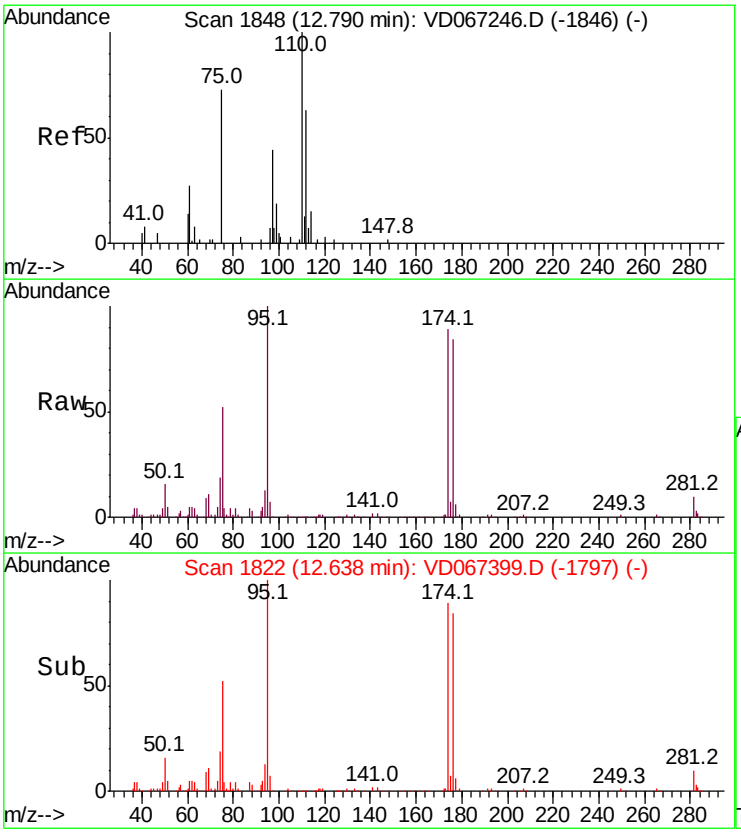
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067399.D
Acq: 26 Oct 2020 18:20

Instrument :
MSVOA_D
ClientSampleId :
VOC-12

Tgt Ion:152 Resp: 231511

Ion	Ratio	Lower	Upper
152	100		
115	60.5	29.3	87.9
150	157.9	0.0	339.0

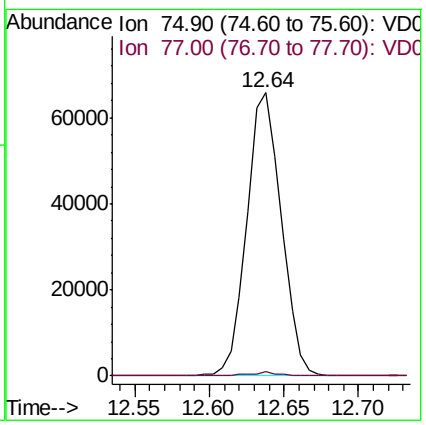


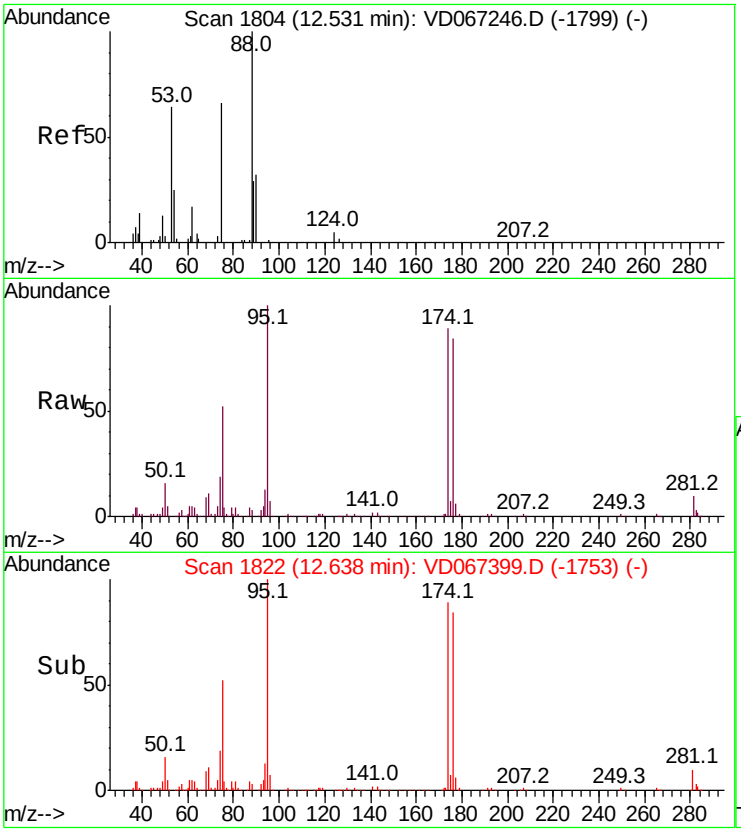


#76
1,2,3-Trichloropropane
Concen: 65.475 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD067399.D
Acq: 26 Oct 2020 18:20

Tgt Ion: 75 Resp: 105061

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 148.478 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD067399.D
Acq: 26 Oct 2020 18:20

Instrument :
MSVOA_D
ClientSampleId :
VOC-12

Tgt Ion: 75 Resp: 105061

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.5	117.7#
89	0.0	39.9	59.9#