Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102220\
Data File : VD067367.D
Acq On : 22 Oct 2020 17:29
Operator : VA/SY
Sample : L4494-02
Misc : 10.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : AB-EN

Quant Time: Oct 23 06:10:08 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	7.98	168	311733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	509019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	496745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	243790	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	166646	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.72%			
35) Dibromofluoromethane	7.92	113	161604	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.42%			
50) Toluene-d8	10.34	98	596799	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.36%			
62) 4-Bromofluorobenzene	12.64	95	213471	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	79	Below Cal	#	44
5) Bromomethane	2.78	94	217	Below Cal		82
16) Acetone	4.16	43	722	1.651	ug/l #	42
20) Methylene Chloride	4.95	84	1041	Below Cal	#	67
29) Tetrahydrofuran	7.57	42	744	2.684	ug/l #	51
31) Cyclohexane	7.98	56	6686	1.859	ug/l #	54
36) 1,1-Dichloropropene	7.98	75	21947	5.087	ug/l #	48
38) Carbon Tetrachloride	7.98	117	33395	6.056	ug/l #	17
49) 1,4-Dioxane	9.68	88	69	Below Cal	#	27
51) 4-Methyl-2-Pentanone	10.34	43	2681	2.134	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	109316	64.696	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	109316	146.711	ug/l #	10

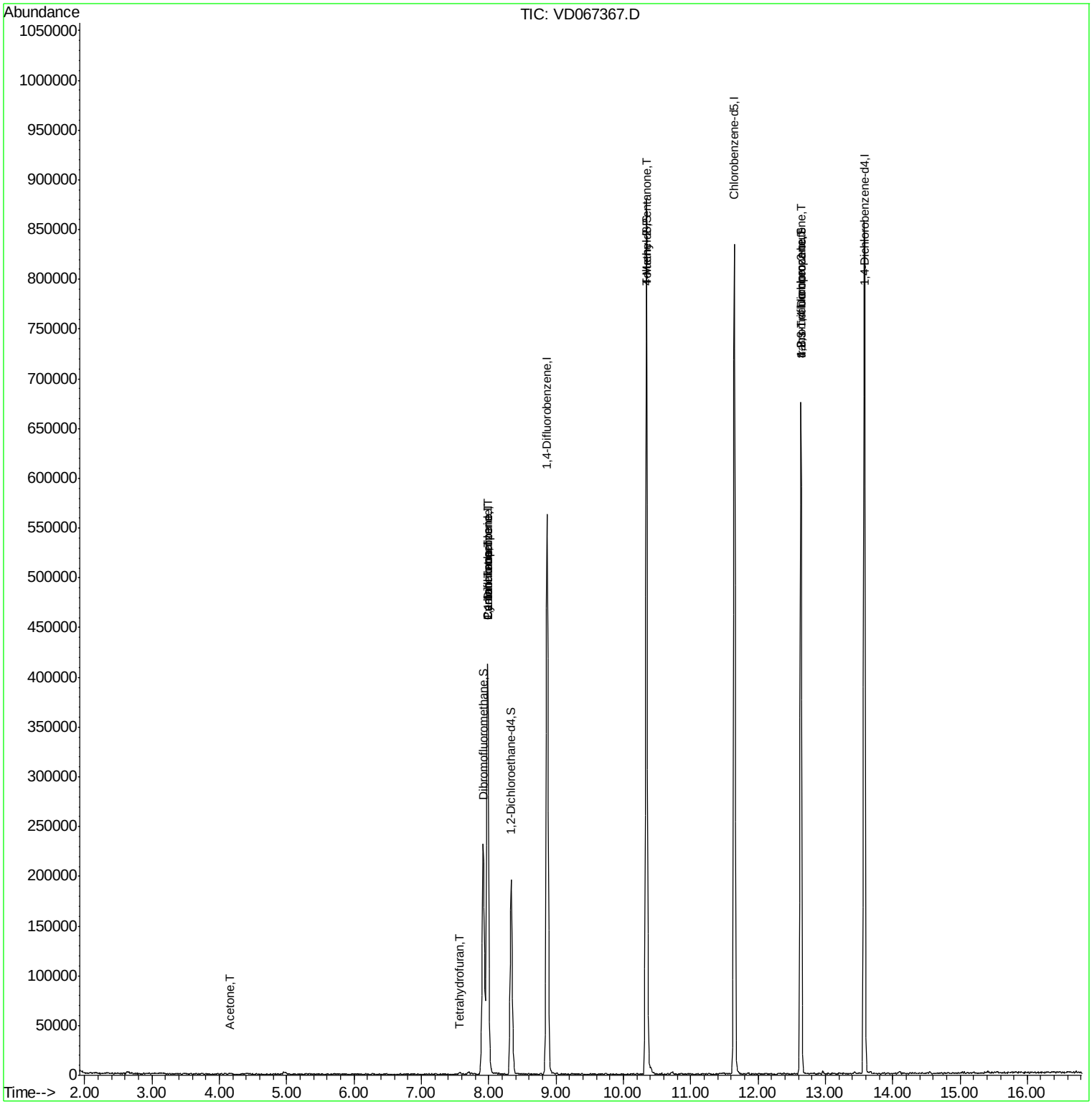
(#) = qualifier out of range (m) = manual integration (+) = signals summed

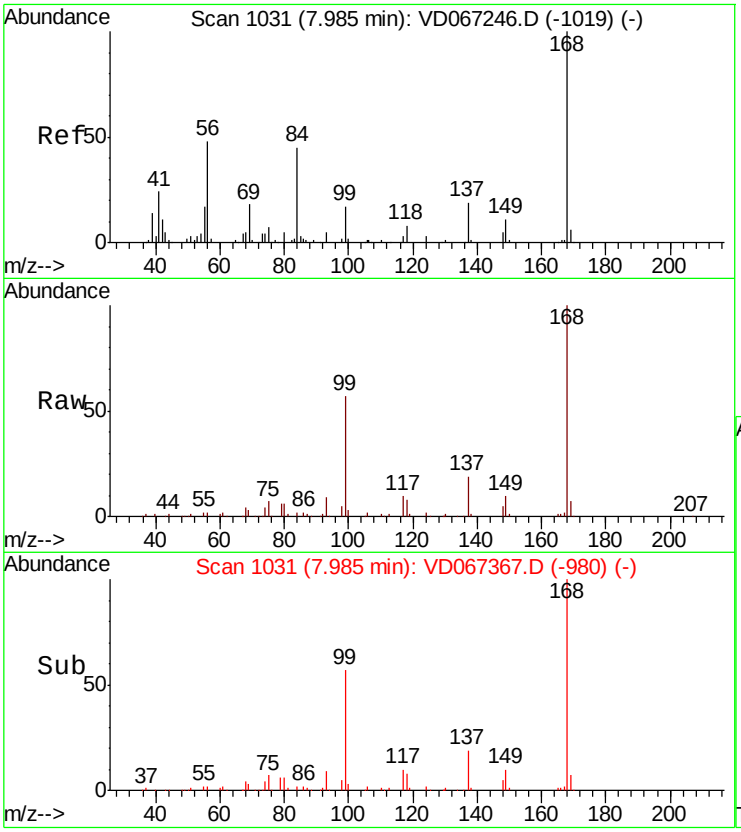
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102220\
Data File : VD067367.D
Acq On : 22 Oct 2020 17:29
Operator : VA/SY
Sample : L4494-02
Misc : 10.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
AB-EN

Quant Time: Oct 23 06:10:08 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



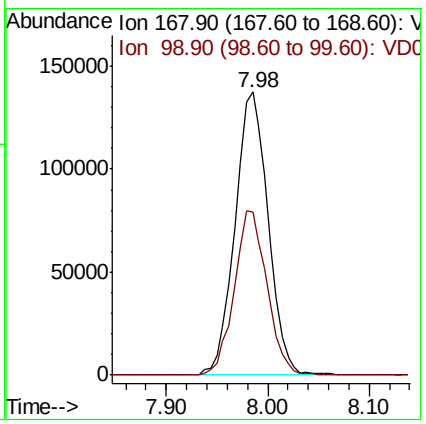


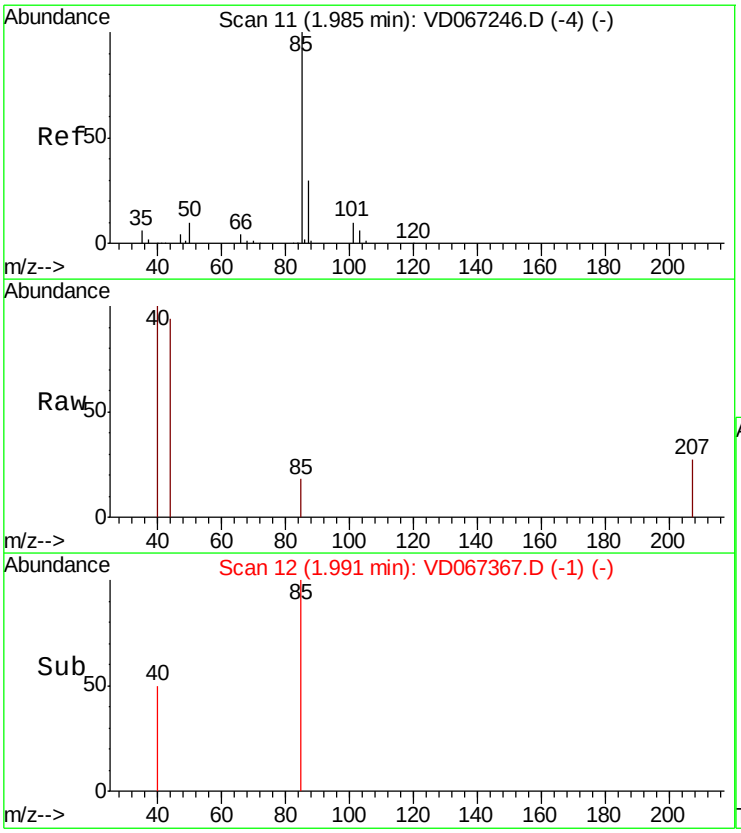
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067367.D
Acq: 22 Oct 2020 17:29

Instrument :
MSVOA_D
ClientSampleId :
AB-EN

Tgt Ion:168 Resp: 311733

Ion	Ratio	Lower	Upper
168	100		
99	57.4	45.9	68.9

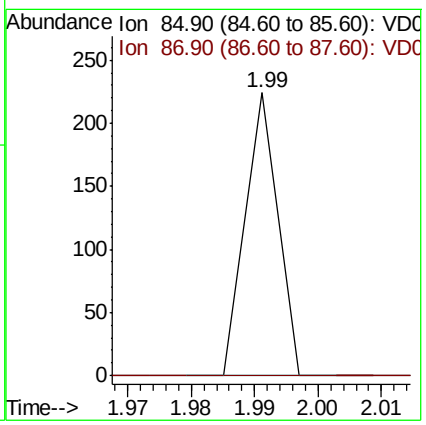


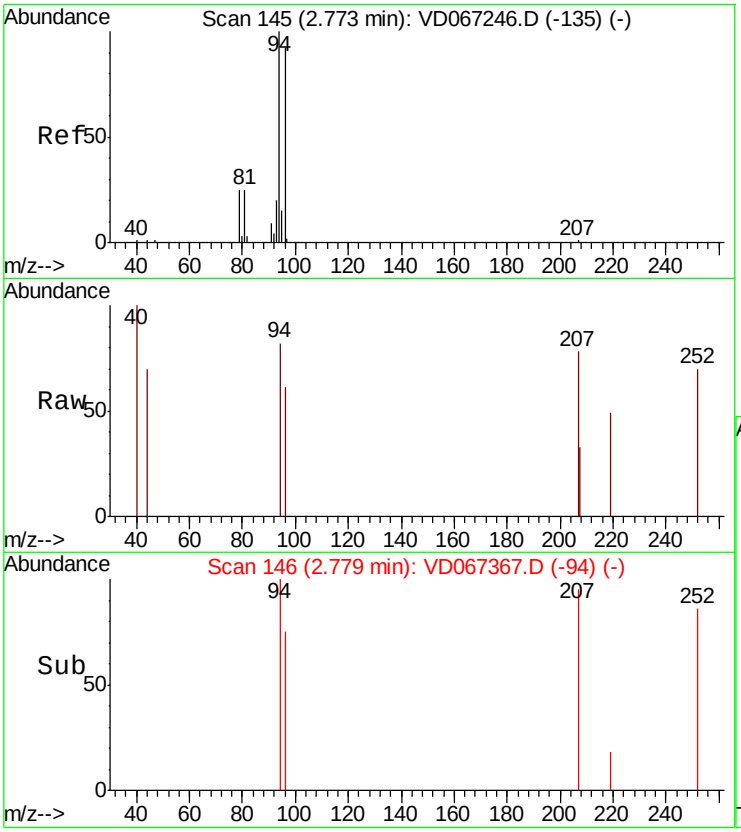


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.99 min Scan# 12
Delta R.T. 0.01 min
Lab File: VD067367.D
Acq: 22 Oct 2020 17:29

Tgt Ion: 85 Resp: 79

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.2	45.6#



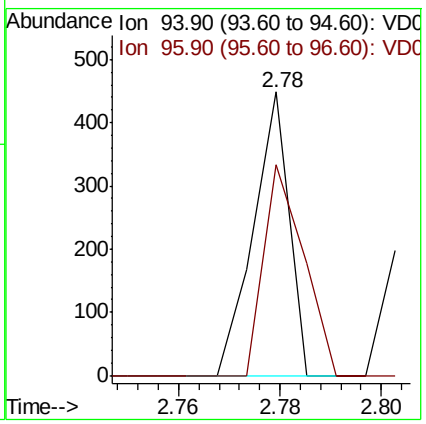


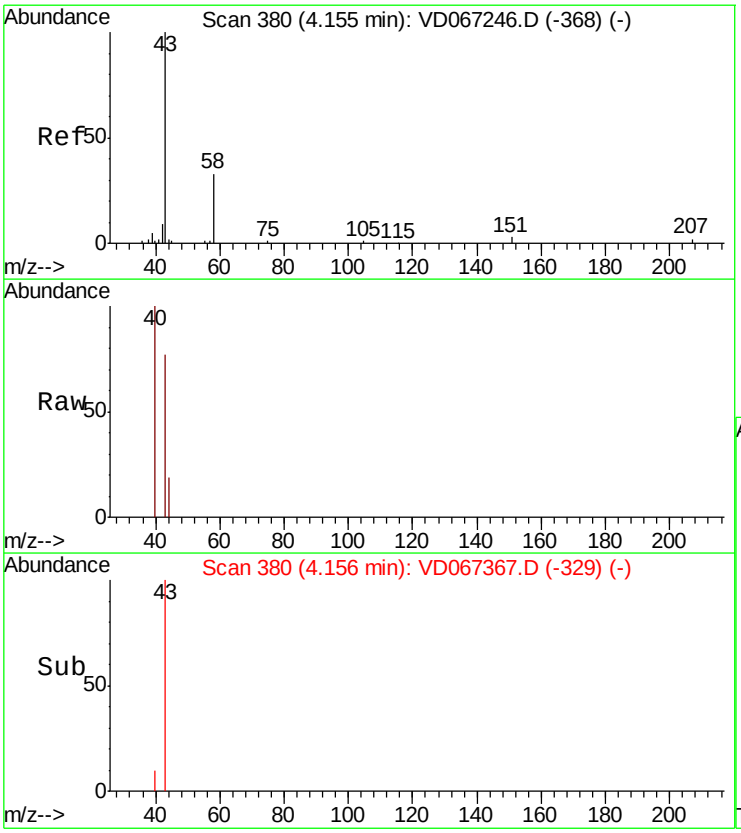
#5
Bromomethane
Concen: Below Cal
RT: 2.78 min Scan# 146
Delta R.T. 0.01 min
Lab File: VD067367.D
Acq: 22 Oct 2020 17:29

Instrument : MSVOA_D
ClientSampleId : AB-EN

Tgt Ion: 94 Resp: 217

Ion	Ratio	Lower	Upper
94	100		
96	74.6	73.8	110.6

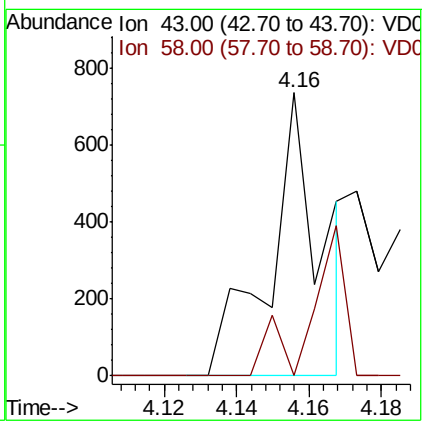


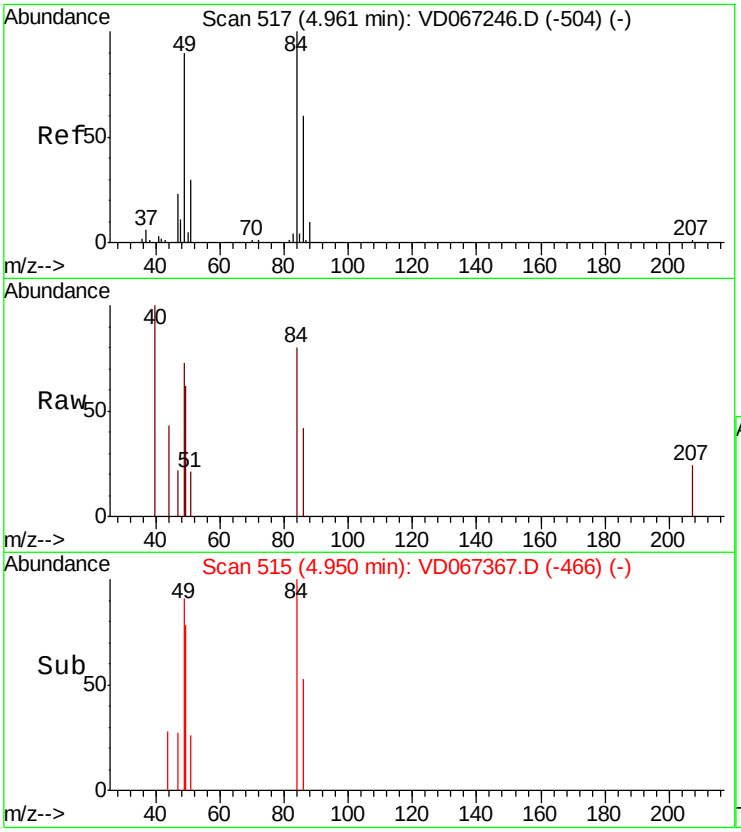


#16
Acetone
Concen: 1.651 ug/l
RT: 4.16 min Scan# 380
Delta R.T. 0.00 min
Lab File: VD067367.D
Acq: 22 Oct 2020 17:29

Tgt Ion: 43 Resp: 722

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.1	39.1#



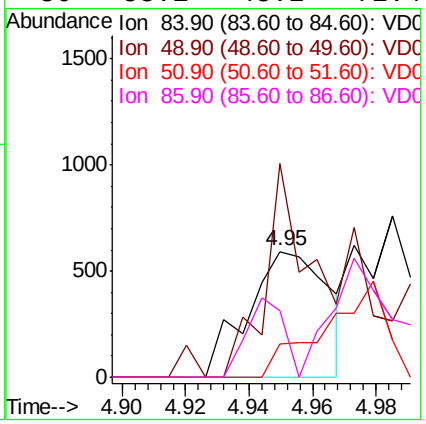


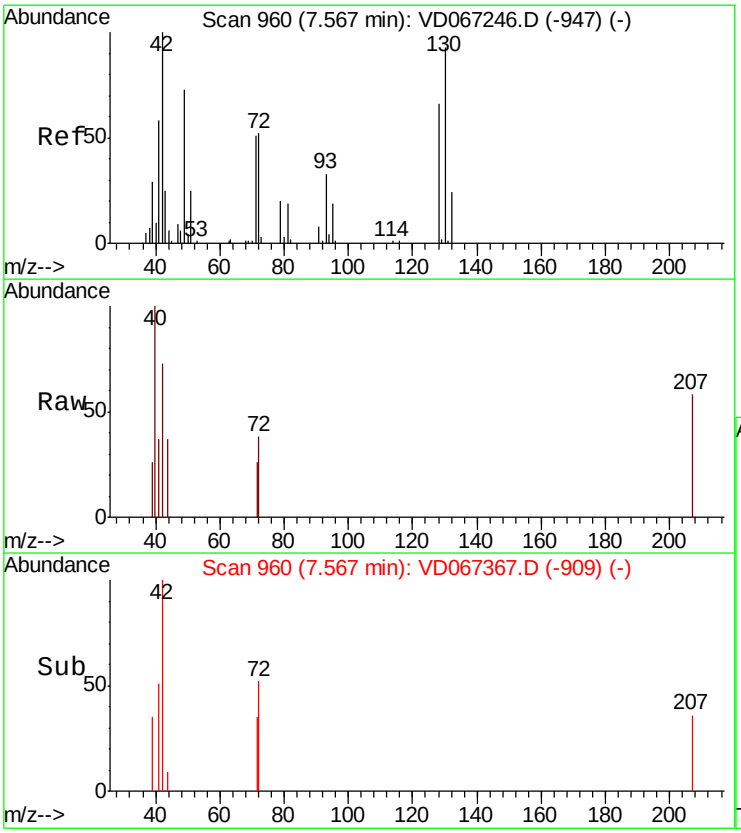
#20
Methylene Chloride
Concen: Below Cal
RT: 4.95 min Scan# 515
Delta R.T. -0.01 min
Lab File: VD067367.D
Acq: 22 Oct 2020 17:29

Instrument : MSVOA_D
ClientSampleId : AB-EN

Tgt Ion: 84 Resp: 1041

Ion	Ratio	Lower	Upper
84	100		
49	144.4	72.2	108.2#
51	26.1	23.8	35.8
86	53.1	48.2	72.4

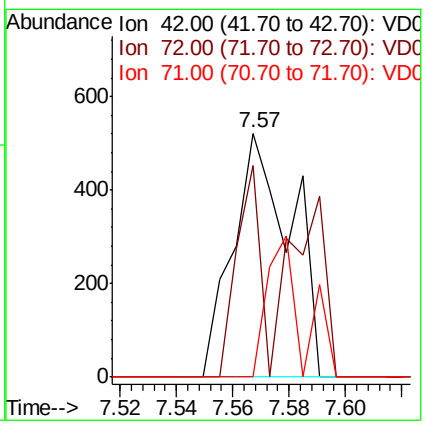


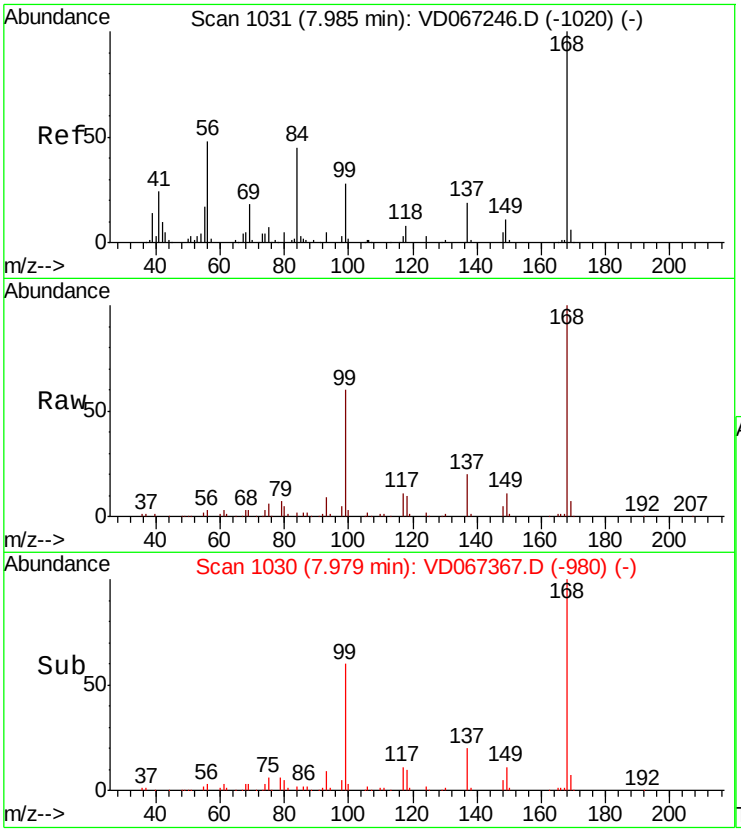


#29
Tetrahydrofuran
Concen: 2.684 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD067367.D
Acq: 22 Oct 2020 17:29

Tgt Ion: 42 Resp: 744

Ion	Ratio	Lower	Upper
42	100		
72	34.5	43.2	64.8#
71	0.0	39.4	59.0#



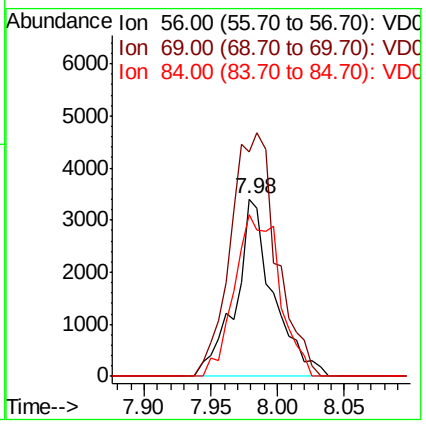


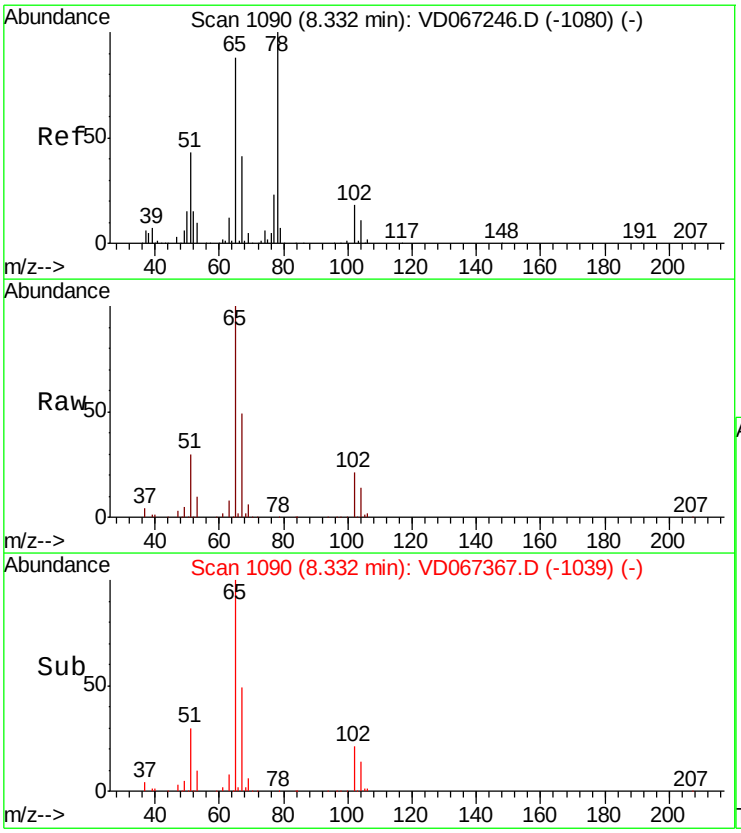
#31
Cyclohexane
Concen: 1.859 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD067367.D
Acq: 22 Oct 2020 17:29

Instrument : MSVOA_D
ClientSampleId : AB-EN

Tgt Ion: 56 Resp: 6686

Ion	Ratio	Lower	Upper
56	100		
69	126.7	29.8	44.6#
84	90.9	76.6	114.8

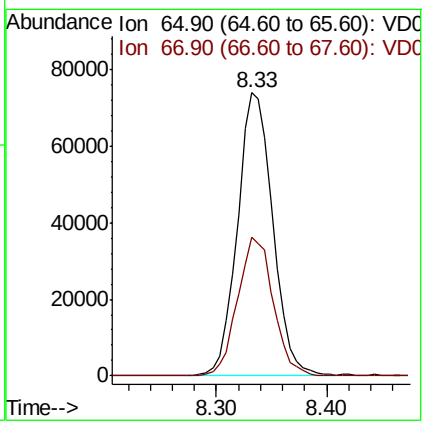


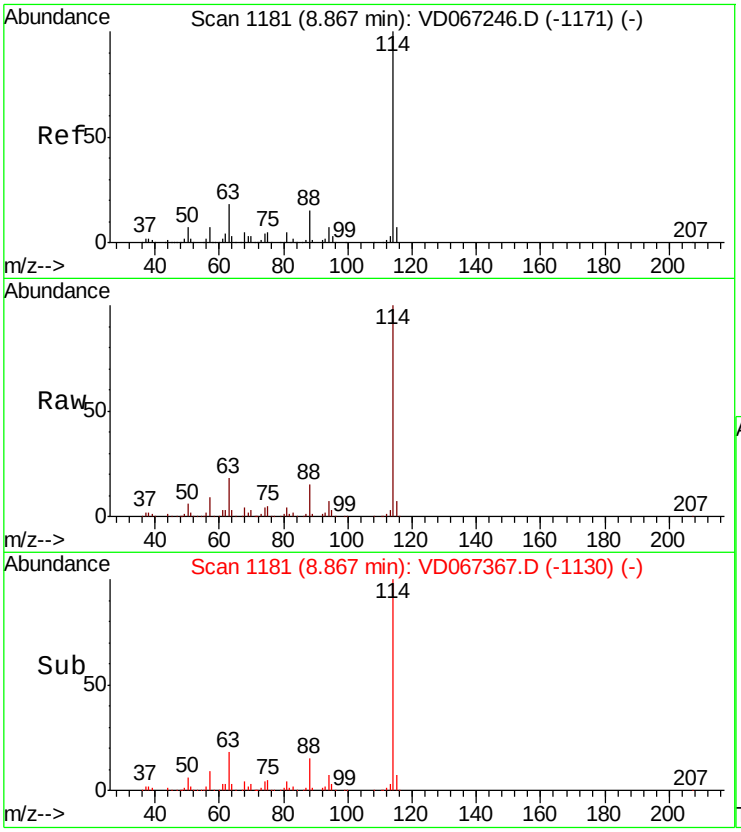


#33
1,2-Dichloroethane-d4
Concen: 53.359 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD067367.D
Acq: 22 Oct 2020 17:29

Tgt Ion: 65 Resp: 166646

Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	103.8



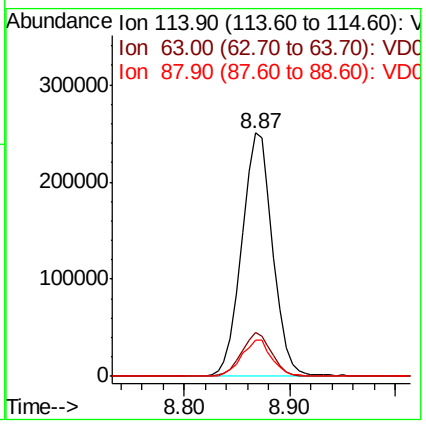


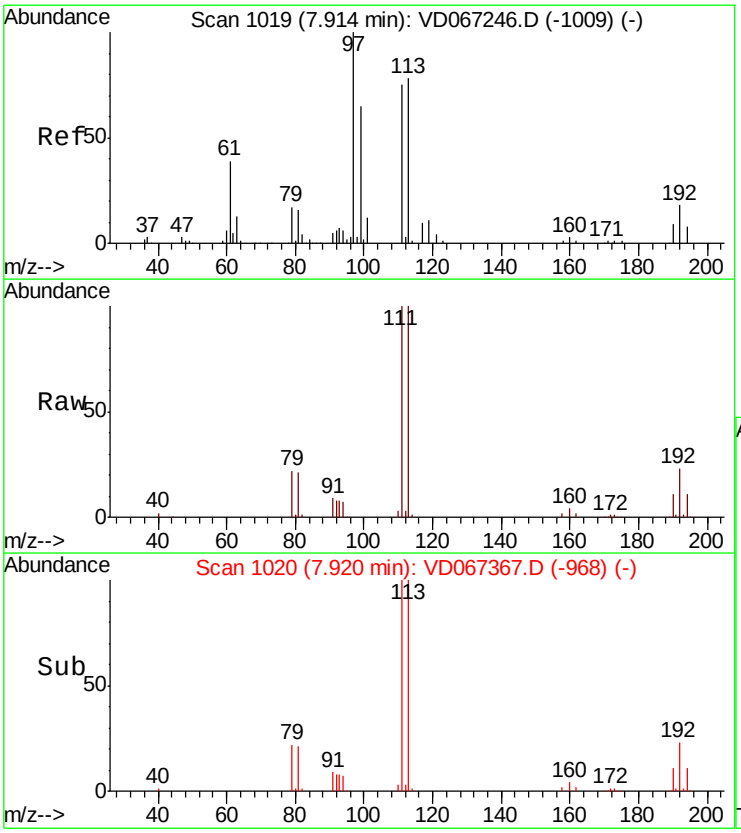
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD067367.D
Acq: 22 Oct 2020 17:29

Instrument :
MSVOA_D
ClientSampleId :
AB-EN

Tgt Ion:114 Resp: 509019

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.0
88	14.8	0.0	30.6

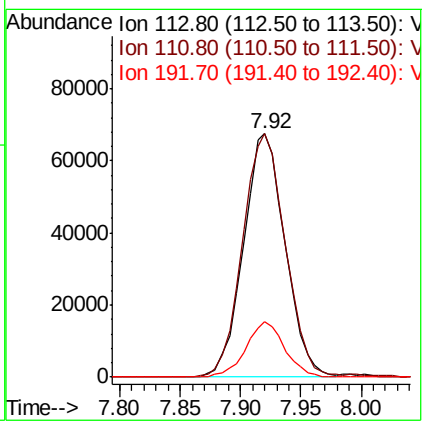


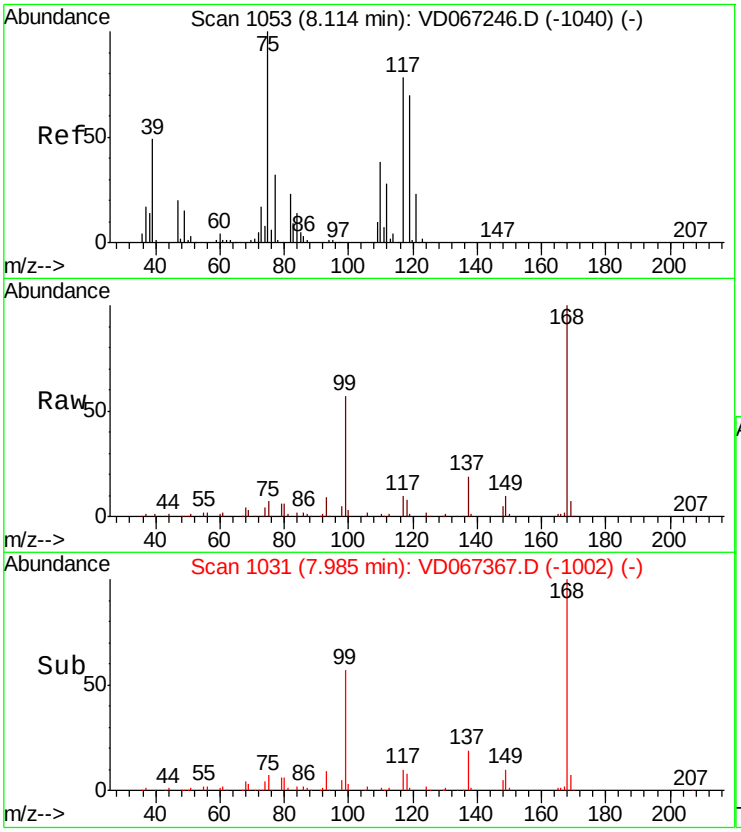


#35
Dibromofluoromethane
Concen: 47.706 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067367.D
Acq: 22 Oct 2020 17:29

Tgt Ion:113 Resp: 161604

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.6	122.4
192	21.4	17.0	25.4



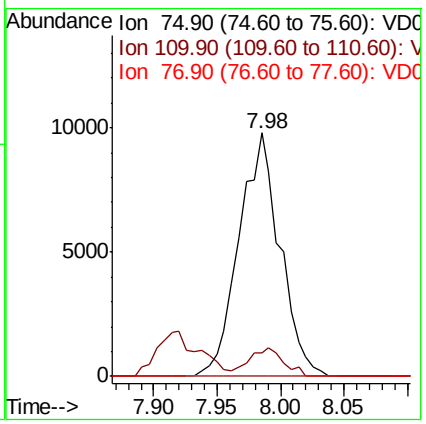


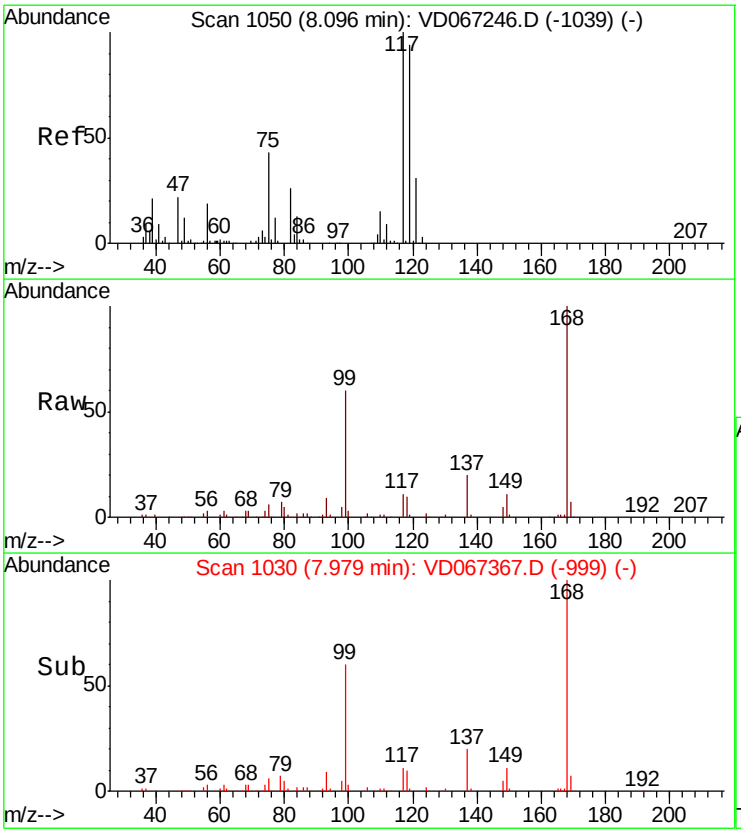
#36
1,1-Dichloropropene
Concen: 5.087 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.13 min
Lab File: VD067367.D
Acq: 22 Oct 2020 17:29

Instrument :
MSVOA_D
ClientSampleId :
AB-EN

Tgt Ion: 75 Resp: 21947

Ion	Ratio	Lower	Upper
75	100		
110	9.8	19.6	58.7#
77	0.0	24.6	37.0#

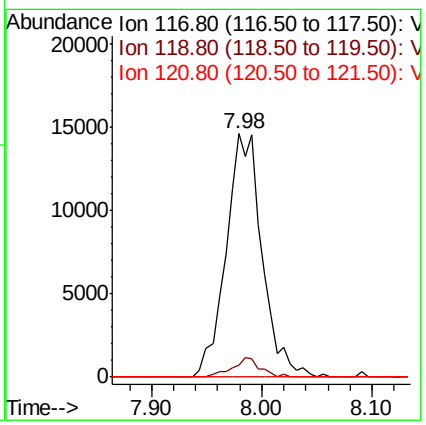


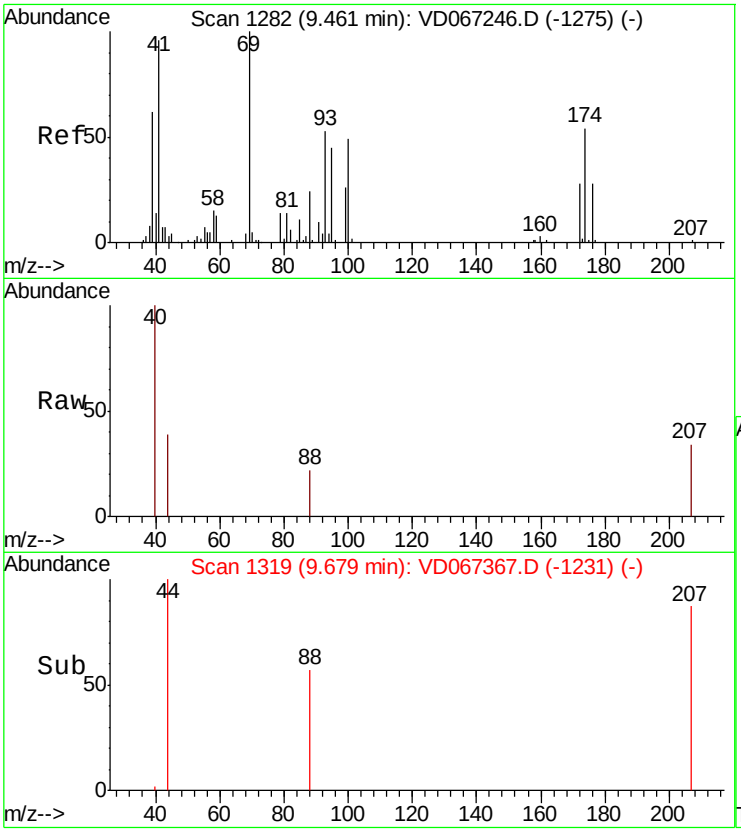


#38
Carbon Tetrachloride
Concen: 6.056 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD067367.D
Acq: 22 Oct 2020 17:29

Tgt Ion:117 Resp: 33395

Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.0	112.4#
121	0.0	24.9	37.3#



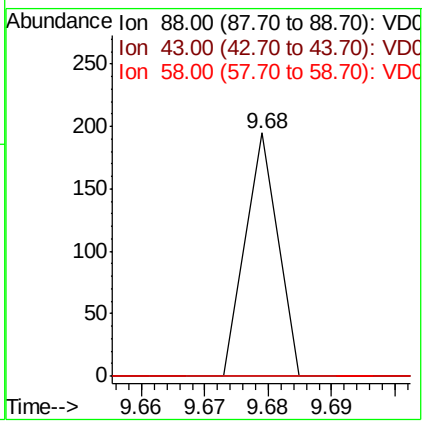


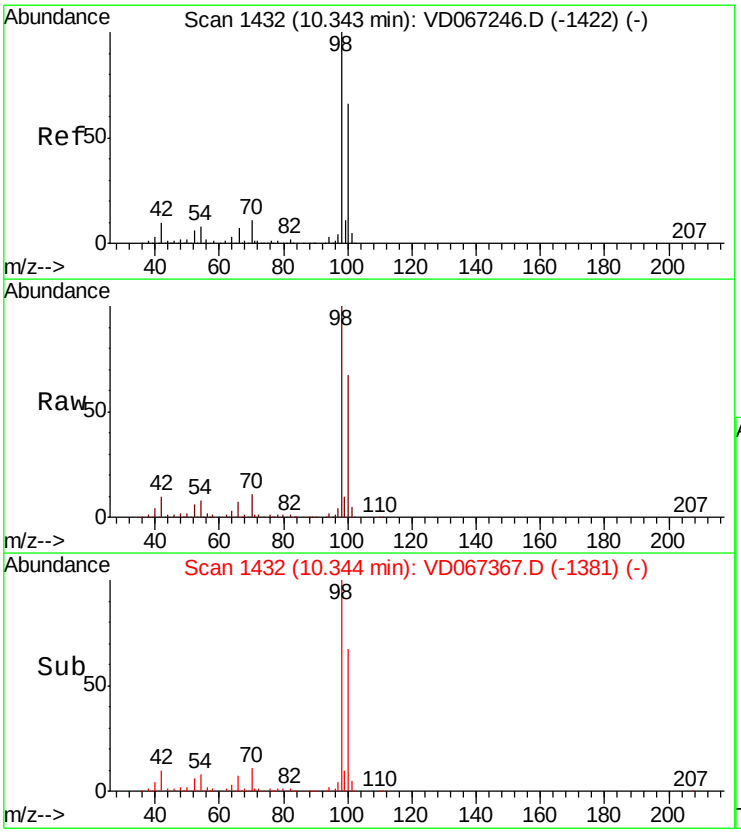
#49
1,4-Dioxane
Concen: Below Cal
RT: 9.68 min Scan# 1319
Delta R.T. 0.22 min
Lab File: VD067367.D
Acq: 22 Oct 2020 17:29

Instrument : MSVOA_D
ClientSampleId : AB-EN

Tgt Ion: 88 Resp: 69

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.9	35.9#
58	0.0	51.0	76.6#

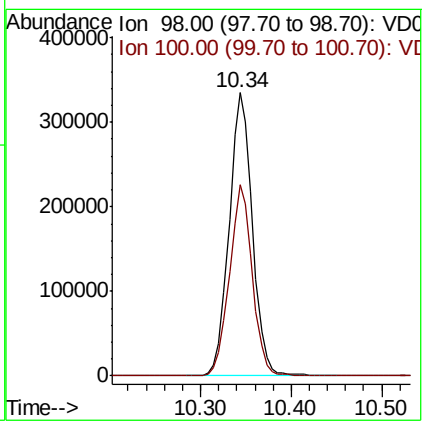


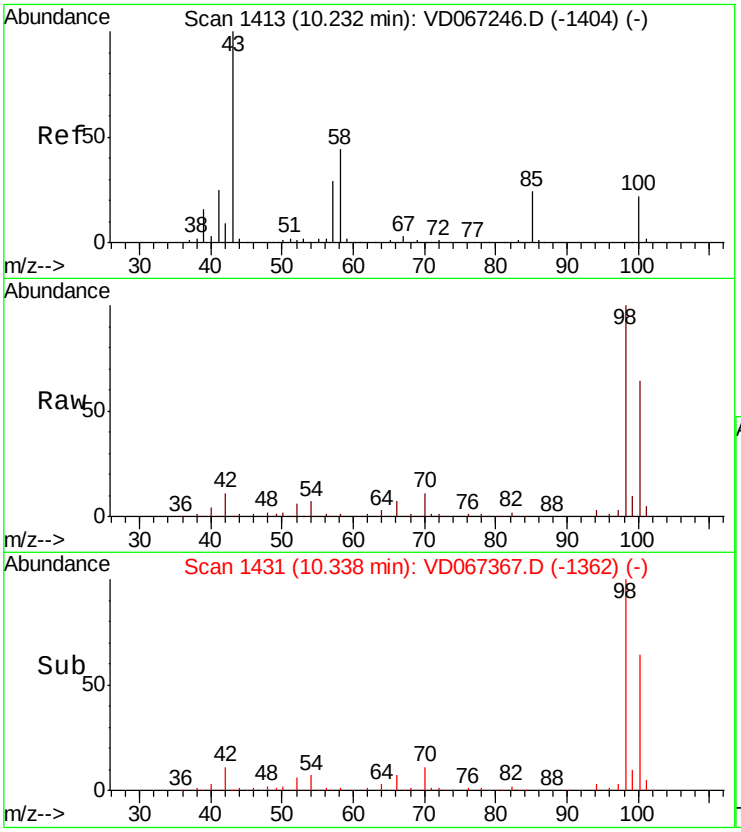


#50
Toluene-d8
Concen: 48.682 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067367.D
Acq: 22 Oct 2020 17:29

Tgt Ion: 98 Resp: 596799

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.1	79.7



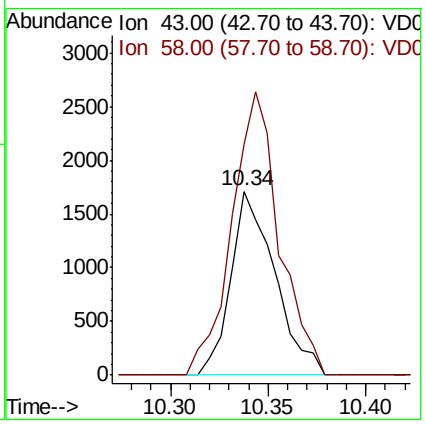


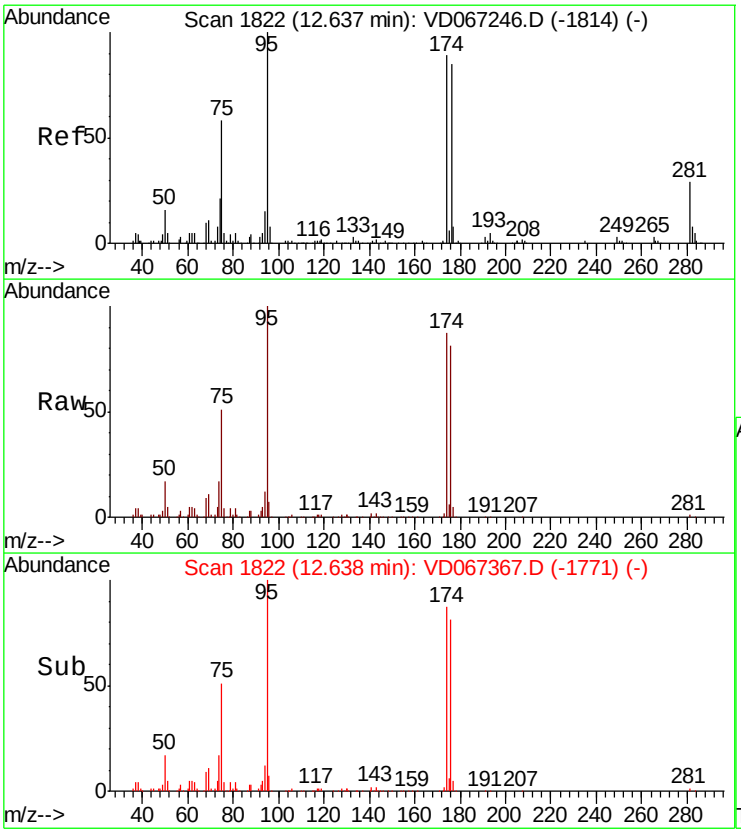
#51
4-Methyl-2-Pentanone
Concen: 2.134 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.11 min
Lab File: VD067367.D
Acq: 22 Oct 2020 17:29

Instrument : MSVOA_D
ClientSampleId : AB-EN

Tgt Ion: 43 Resp: 2681

Ion	Ratio	Lower	Upper
43	100		
58	165.6	35.7	53.5#

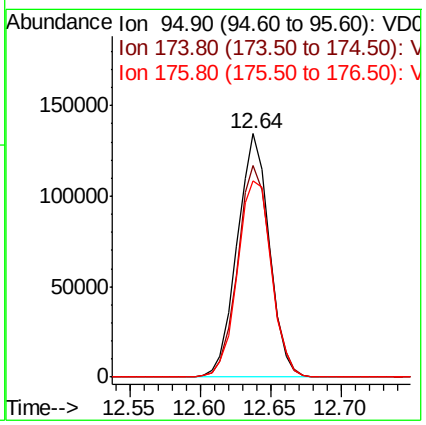


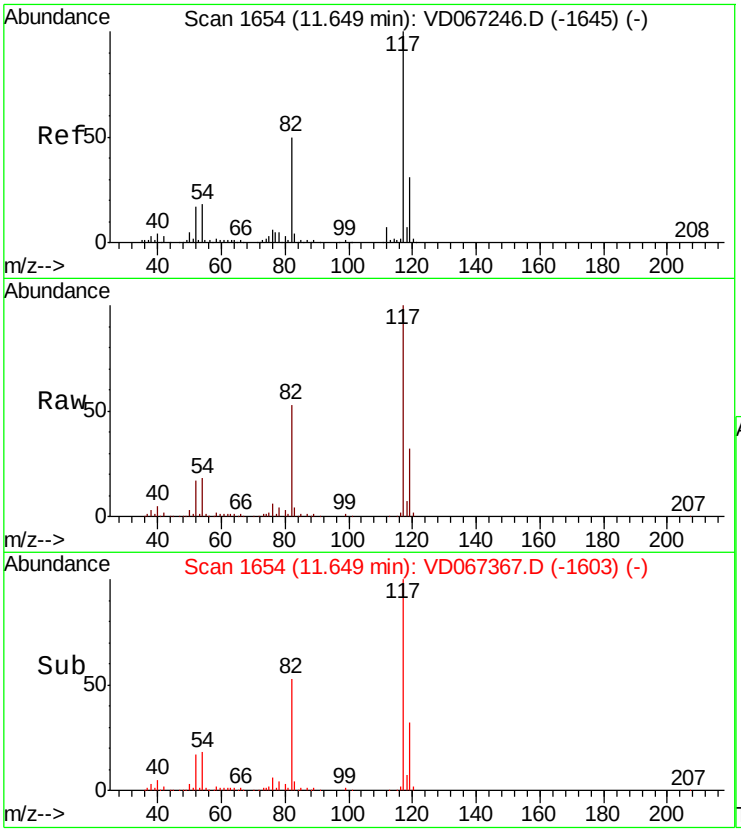


#62
4-Bromofluorobenzene
Concen: 50.078 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067367.D
Acq: 22 Oct 2020 17:29

Tgt Ion: 95 Resp: 213471

Ion	Ratio	Lower	Upper
95	100		
174	89.4	0.0	175.2
176	85.7	0.0	168.6



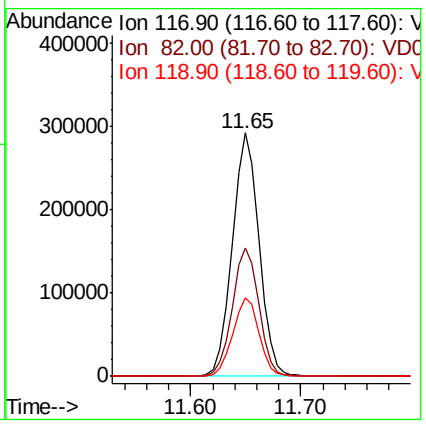


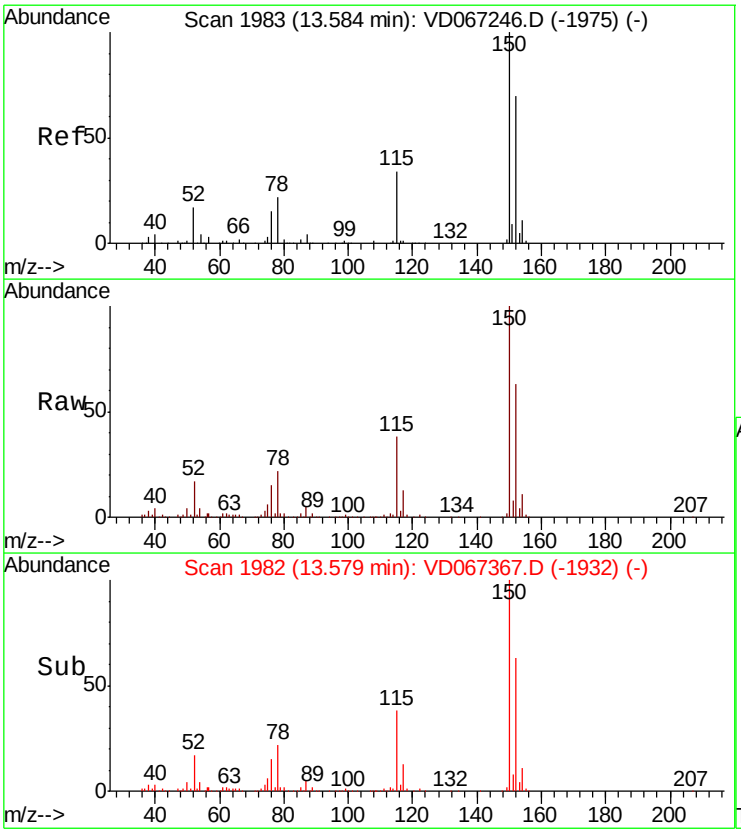
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067367.D
Acq: 22 Oct 2020 17:29

Instrument : MSVOA_D
ClientSampleId : AB-EN

Tgt Ion:117 Resp: 496745

Ion	Ratio	Lower	Upper
117	100		
82	52.9	39.9	59.9
119	32.5	24.9	37.3

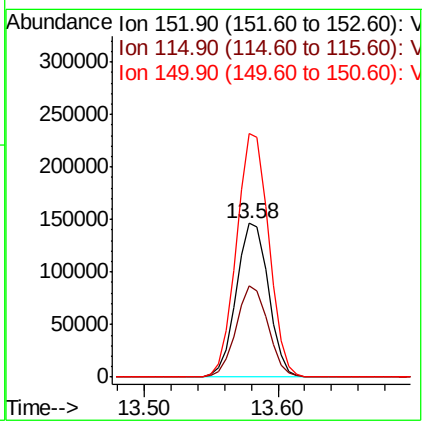


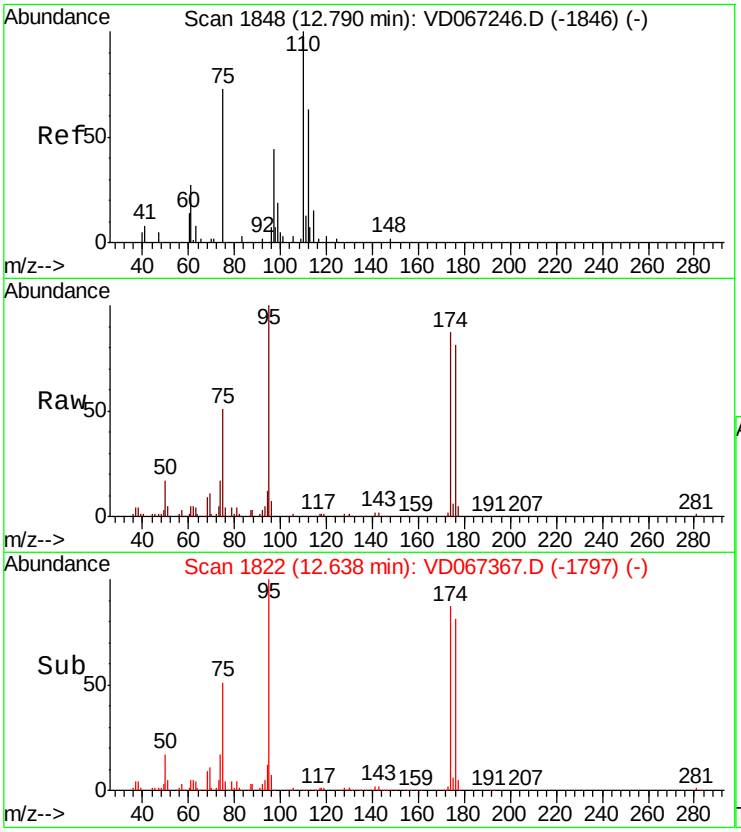


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067367.D
Acq: 22 Oct 2020 17:29

Tgt Ion:152 Resp: 243790

Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.3	87.9
150	159.3	0.0	339.0



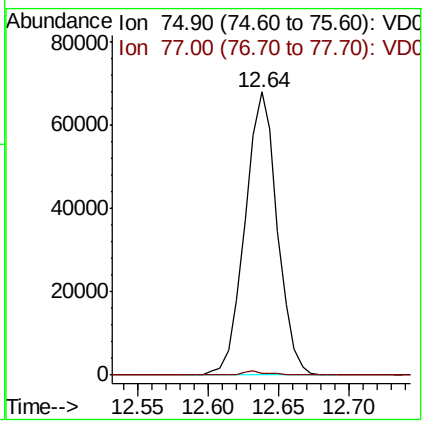


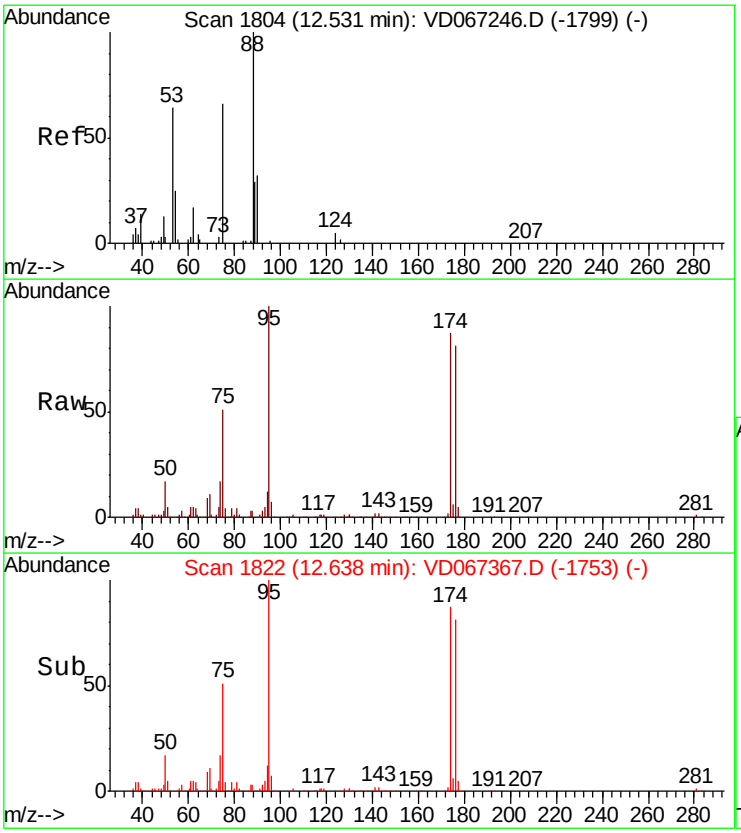
#76
1,2,3-Trichloropropane
Concen: 64.696 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD067367.D
Acq: 22 Oct 2020 17:29

Instrument :
MSVOA_D
ClientSampleId :
AB-EN

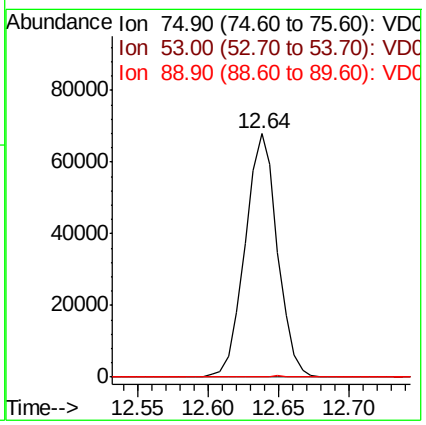
Tgt Ion: 75 Resp: 109316

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 146.711 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD067367.D
Acq: 22 Oct 2020 17:29

Tgt Ion: 75 Resp: 109316

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.5	117.7#
89	0.1	39.9	59.9#