Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD101620\
Data File : VD067300.D
Acq On : 16 Oct 2020 16:35
Operator : VA/SY
Sample : L4435-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 5412

Quant Time: Oct 17 00:40:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 14 03:30:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	326155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	536940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	502230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	235840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	160338	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.14%			
35) Dibromofluoromethane	7.92	113	171429	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.94%			
50) Toluene-d8	10.34	98	636083	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.38%			
62) 4-Bromofluorobenzene	12.64	95	206624	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	275	Below Cal	#	44
5) Bromomethane	2.77	94	150	Below Cal	#	3
11) Tert butyl alcohol	5.22	59	284	Below Cal	#	81
16) Acetone	4.16	43	885	1.934 ug/l	#	42
20) Methylene Chloride	4.98	84	9669	Below Cal	#	88
25) 2-Butanone	7.19	43	815	1.562 ug/l	#	45
31) Cyclohexane	7.99	56	6591	1.751 ug/l	#	39
36) 1,1-Dichloropropene	7.98	75	23813	5.233 ug/l	#	49
38) Carbon Tetrachloride	7.99	117	31471	5.411 ug/l	#	20
76) 1,2,3-Trichloropropane	12.64	75	105482	64.531 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.64	75	105482	146.337 ug/l	#	10

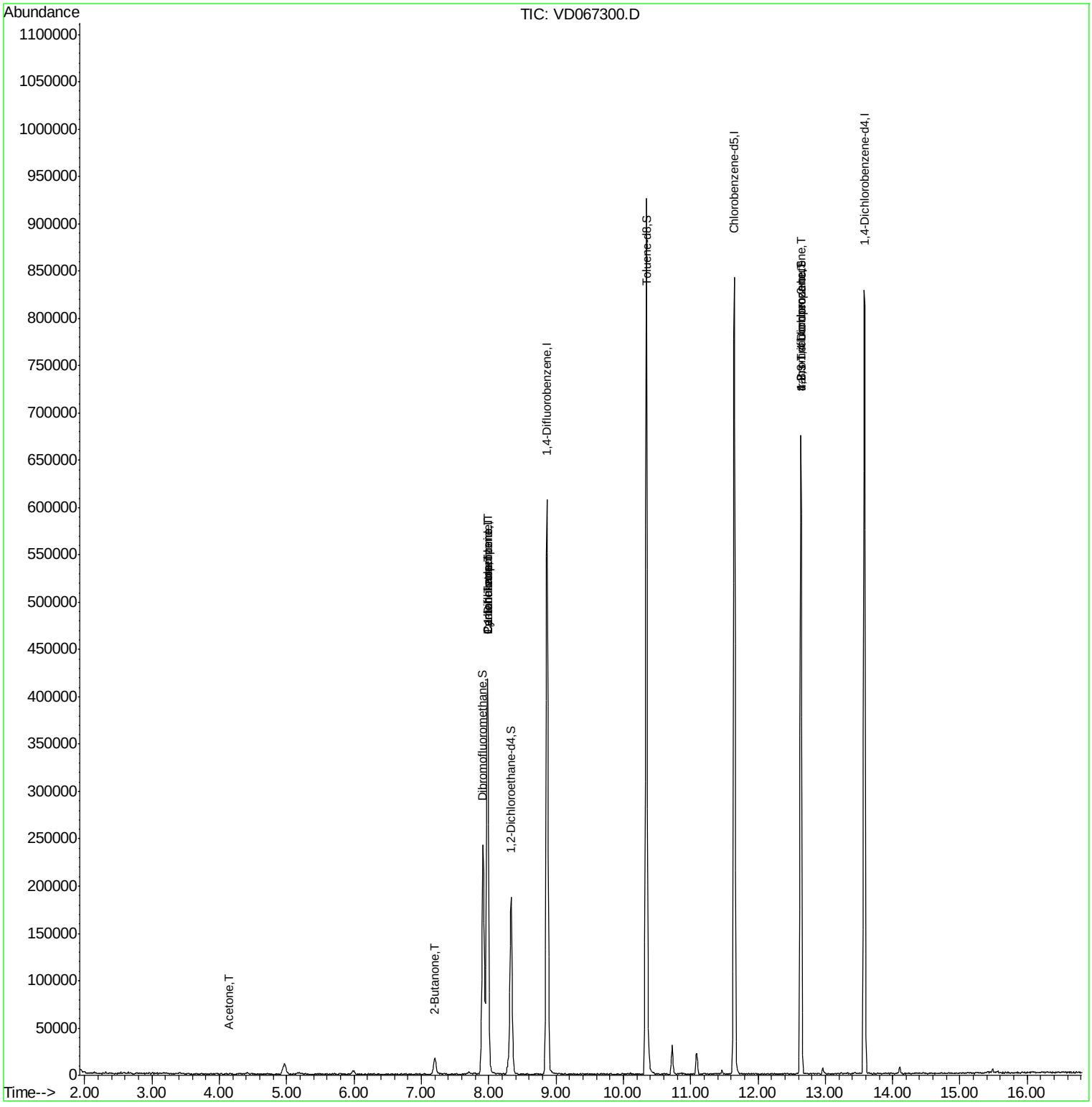
(#) = qualifier out of range (m) = manual integration (+) = signals summed

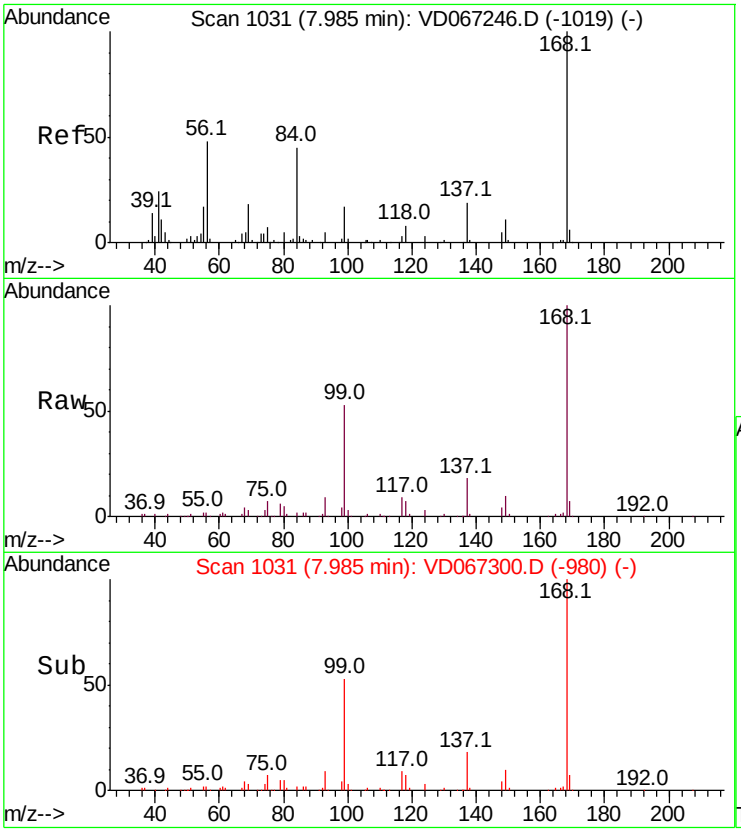
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD101620\
Data File : VD067300.D
Acq On : 16 Oct 2020 16:35
Operator : VA/SY
Sample : L4435-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 5412

Quant Time: Oct 17 00:40:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 14 03:30:30 2020
Response via : Initial Calibration



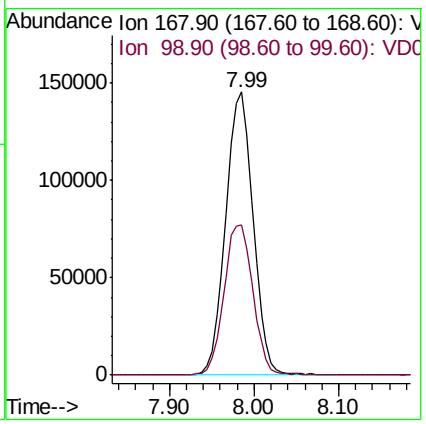


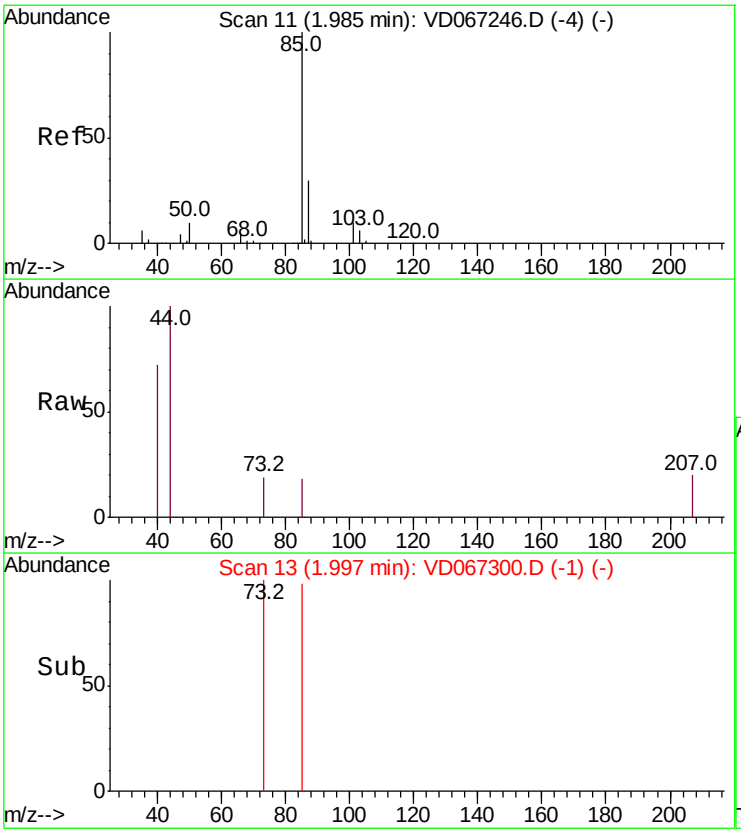
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067300.D
Acq: 16 Oct 2020 16:35

Instrument :
MSVOA_D
ClientSampleId :
5412

Tgt Ion:168 Resp: 326155

Ion	Ratio	Lower	Upper
168	100		
99	53.1	45.9	68.9

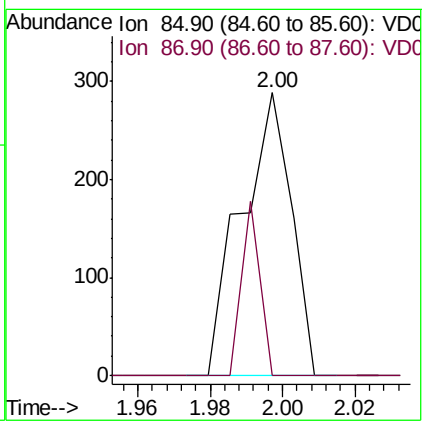


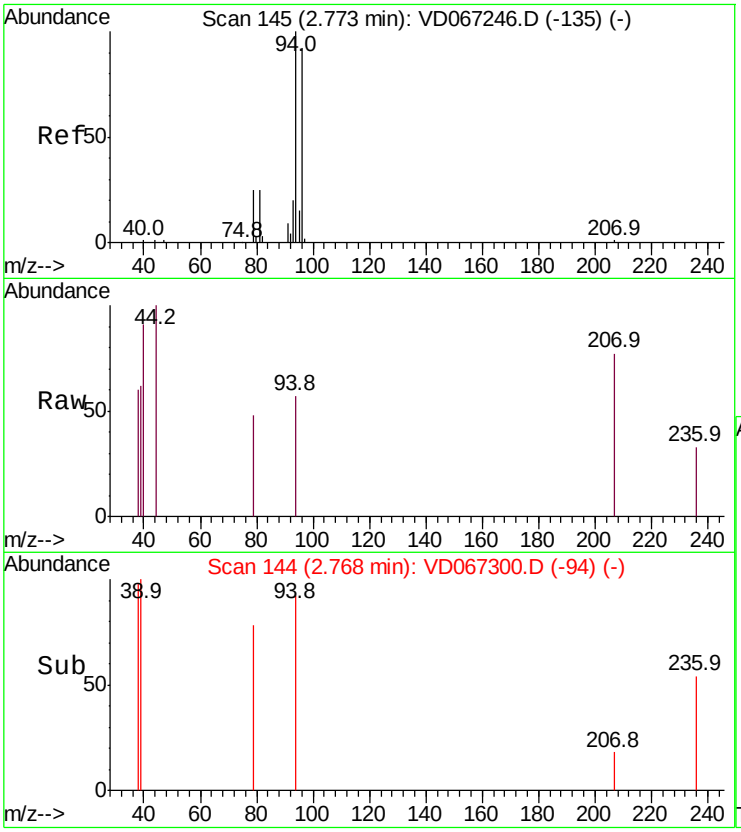


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.00 min Scan# 13
Delta R.T. 0.01 min
Lab File: VD067300.D
Acq: 16 Oct 2020 16:35

Tgt Ion: 85 Resp: 275

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.2	45.6#



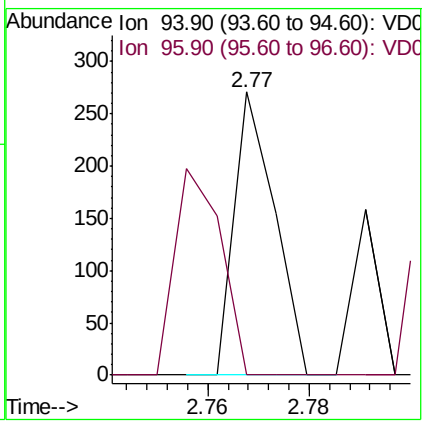


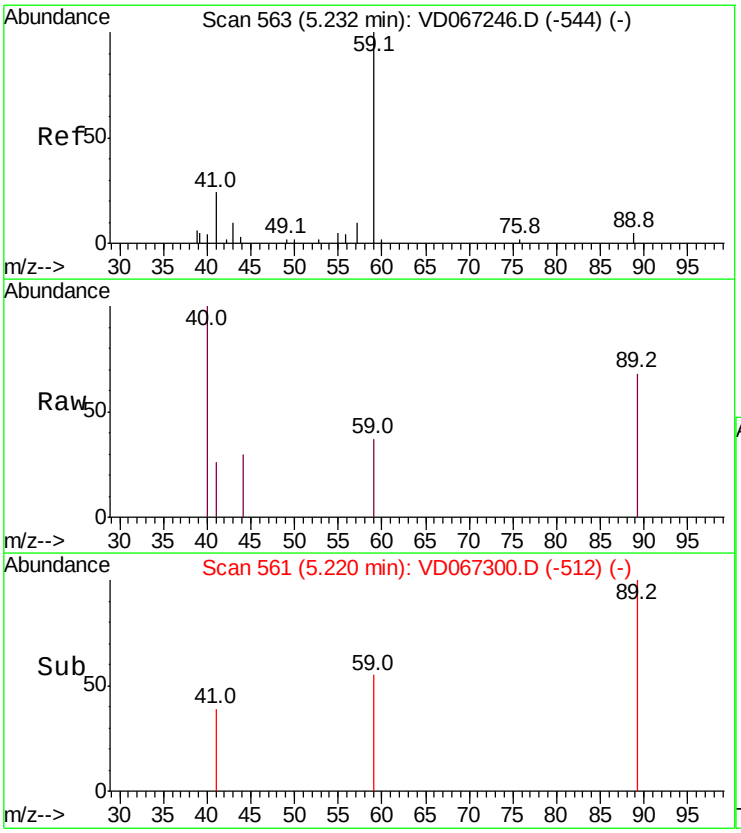
#5
Bromomethane
Concen: Below Cal
RT: 2.77 min Scan# 144
Delta R.T. -0.01 min
Lab File: VD067300.D
Acq: 16 Oct 2020 16:35

Instrument :
MSVOA_D
ClientSampleId :
5412

Tgt Ion: 94 Resp: 150

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.8	110.6#

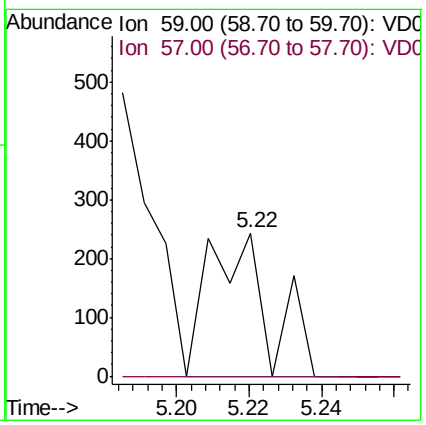


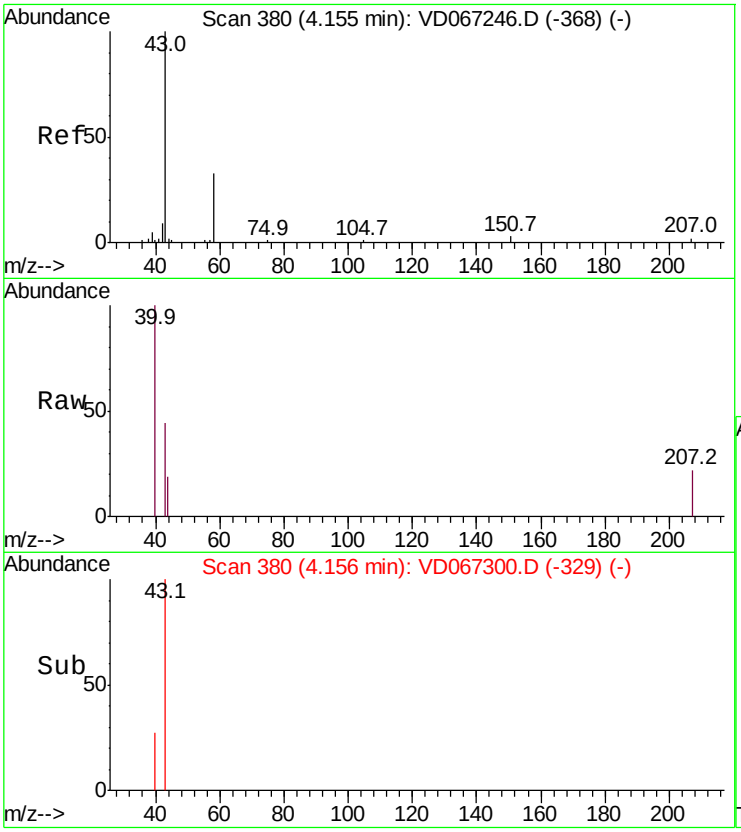


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.22 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD067300.D
Acq: 16 Oct 2020 16:35

Tgt Ion: 59 Resp: 284

Ion	Ratio	Lower	Upper
59	100		
57	0.0	5.1	7.7#



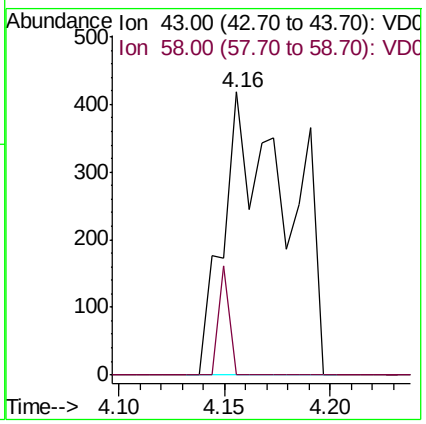


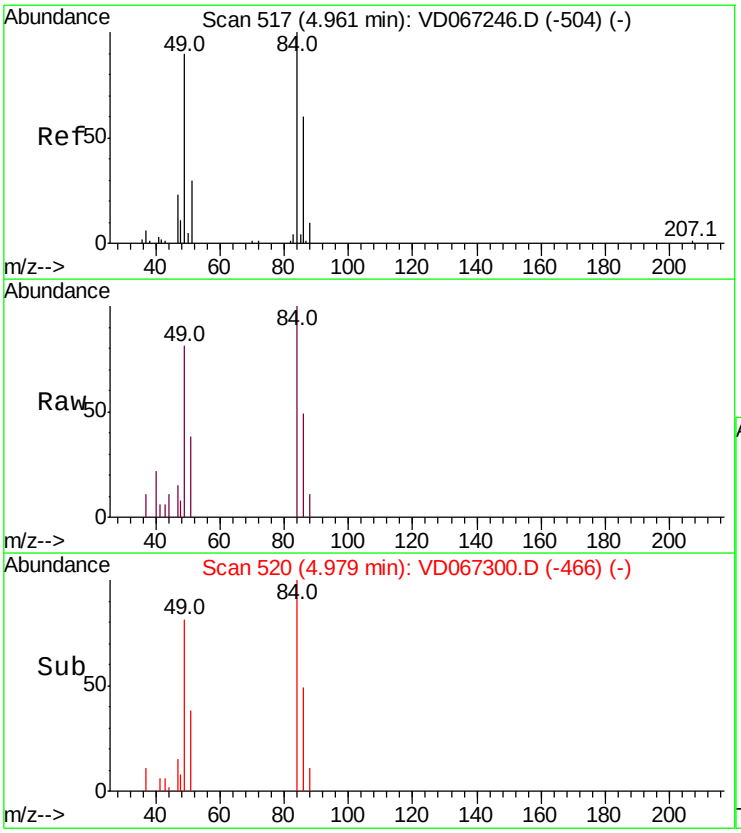
#16
Acetone
Concen: 1.934 ug/l
RT: 4.16 min Scan# 380
Delta R.T. 0.00 min
Lab File: VD067300.D
Acq: 16 Oct 2020 16:35

Instrument : MSVOA_D
ClientSampleId : 5412

Tgt Ion: 43 Resp: 885

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.1	39.1#

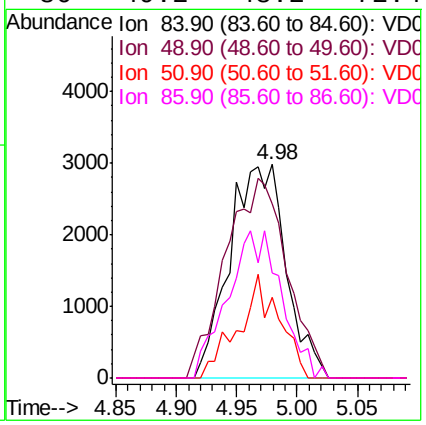


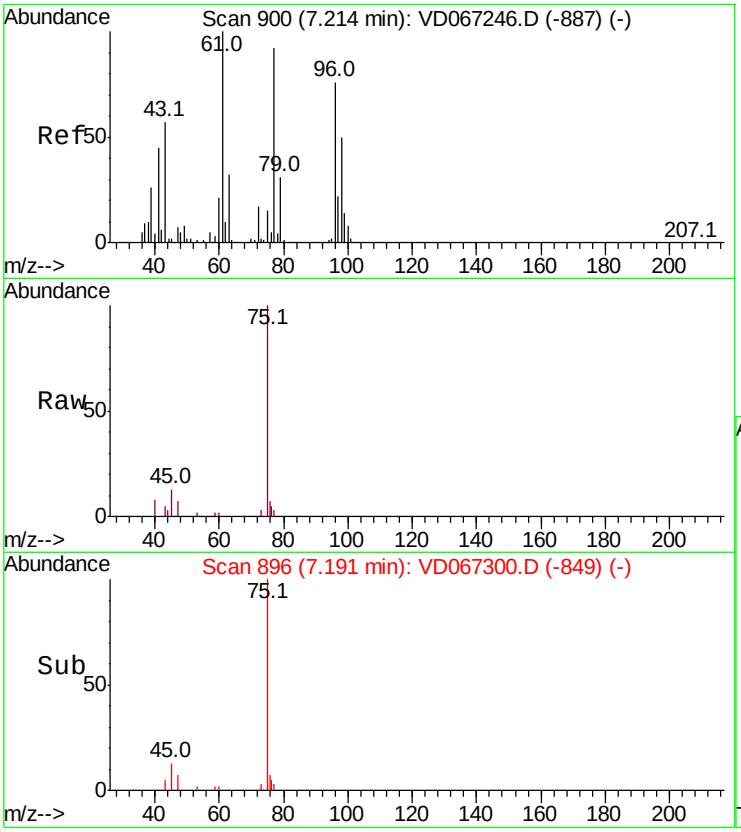


#20
Methylene Chloride
Concen: Below Cal
RT: 4.98 min Scan# 520
Delta R.T. 0.02 min
Lab File: VD067300.D
Acq: 16 Oct 2020 16:35

Tgt Ion: 84 Resp: 9669

Ion	Ratio	Lower	Upper
84	100		
49	81.3	72.2	108.2
51	37.9	23.8	35.8#
86	49.2	48.2	72.4



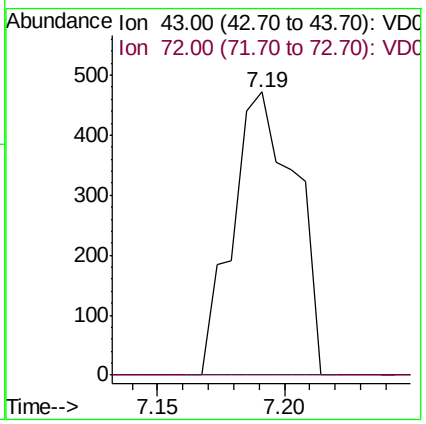


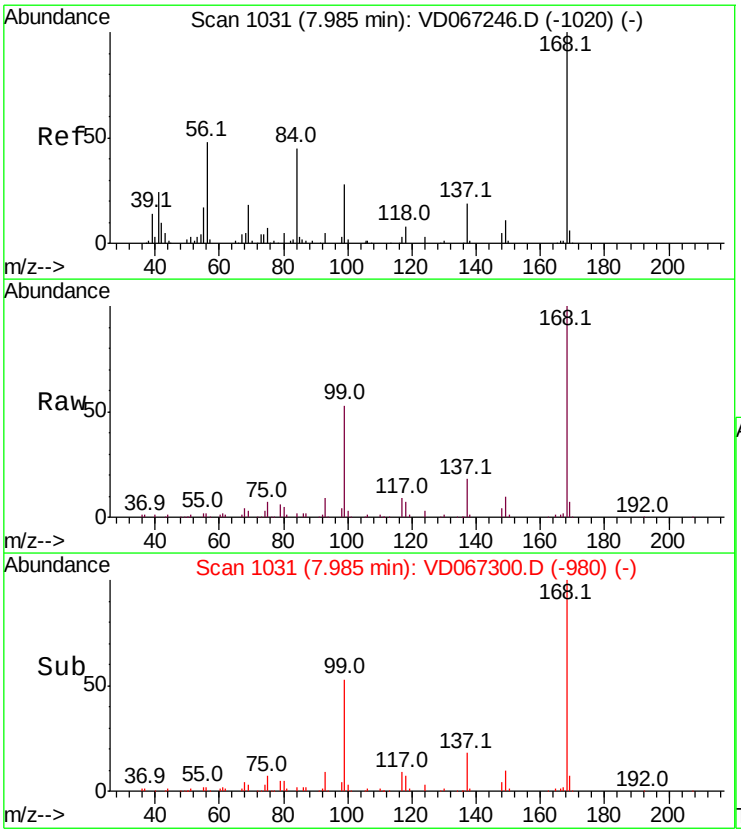
#25
2-Butanone
Concen: 1.562 ug/l
RT: 7.19 min Scan# 896
Delta R.T. -0.02 min
Lab File: VD067300.D
Acq: 16 Oct 2020 16:35

Instrument :
MSVOA_D
ClientSampleId :
5412

Tgt Ion: 43 Resp: 815

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#

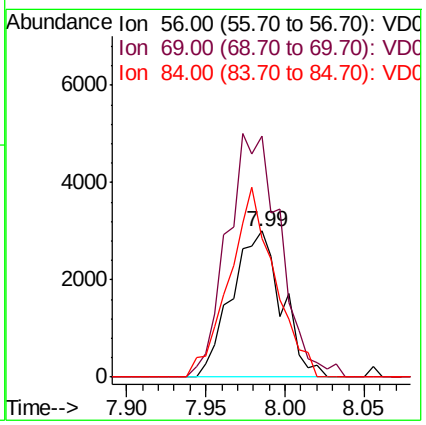


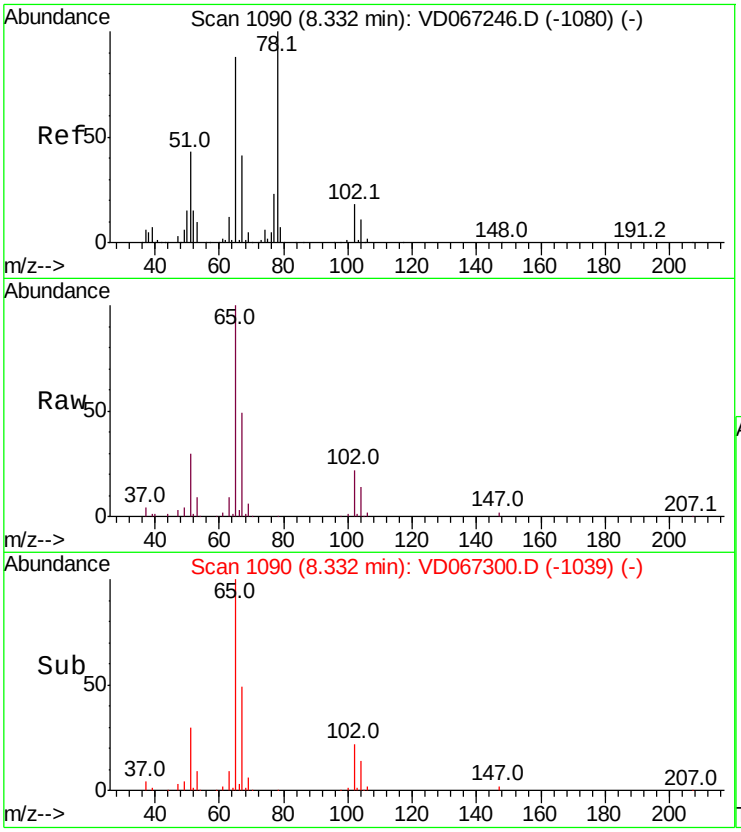


#31
Cyclohexane
Concen: 1.751 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067300.D
Acq: 16 Oct 2020 16:35

Tgt Ion: 56 Resp: 6591

Ion	Ratio	Lower	Upper
56	100		
69	165.1	29.8	44.6#
84	94.8	76.6	114.8



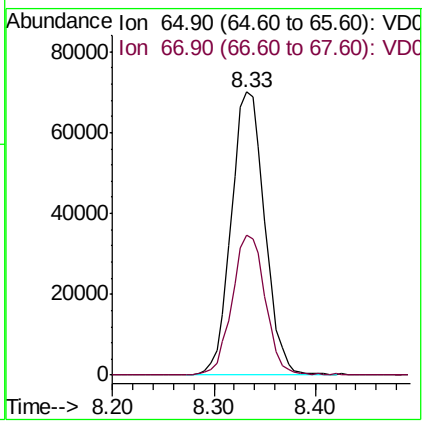


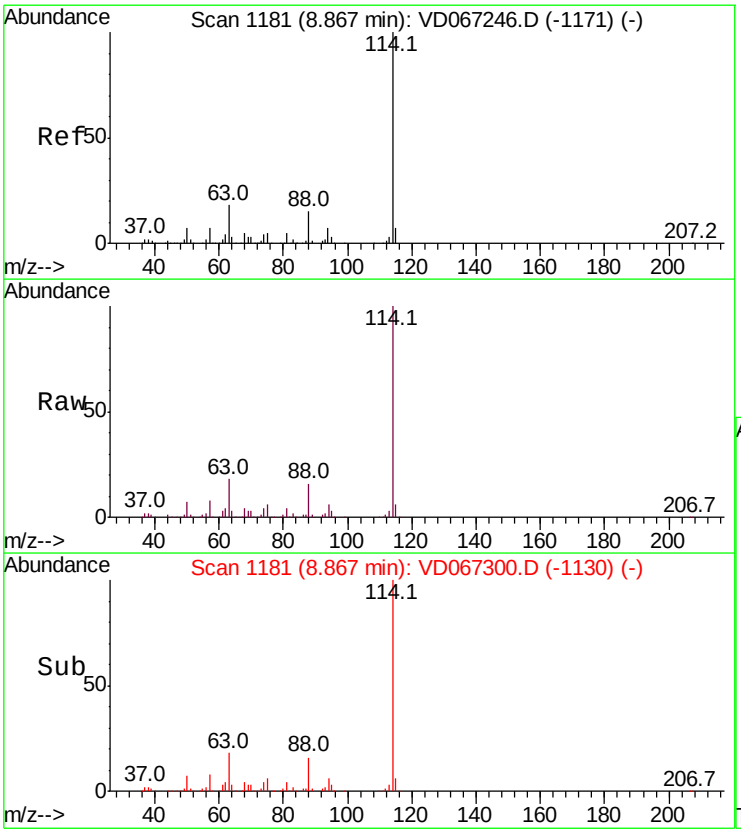
#33
1,2-Dichloroethane-d4
Concen: 49.069 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD067300.D
Acq: 16 Oct 2020 16:35

Instrument :
MSVOA_D
ClientSampleId :
5412

Tgt Ion: 65 Resp: 160338

Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	103.8

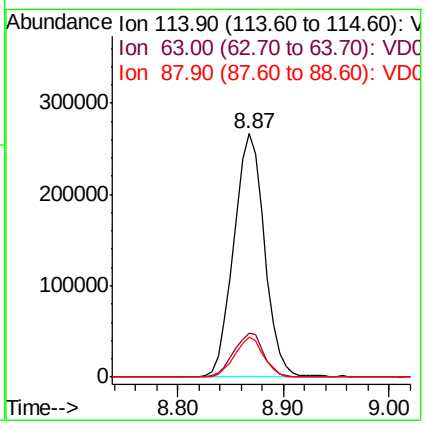


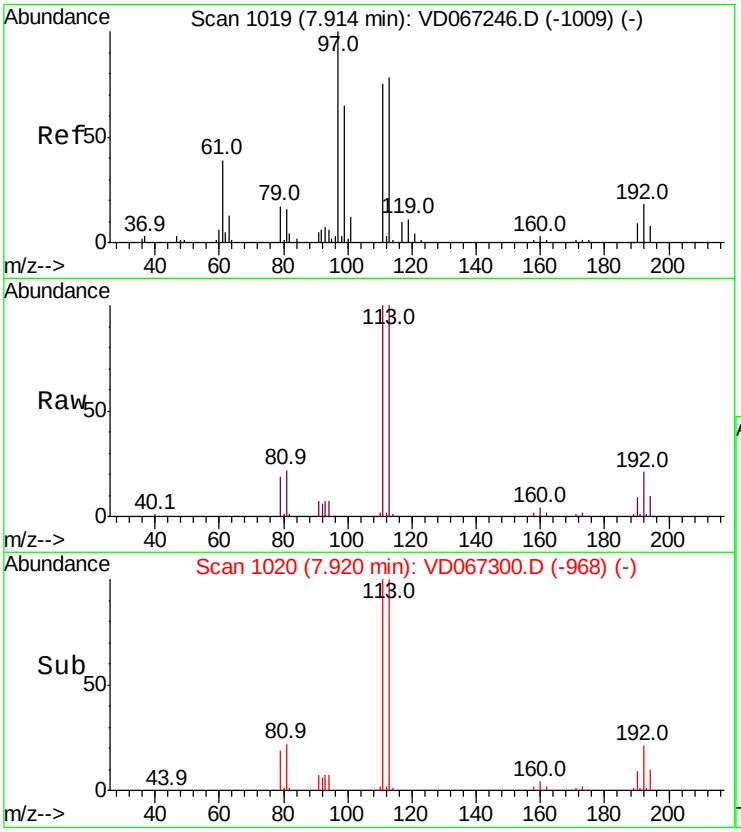


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD067300.D
Acq: 16 Oct 2020 16:35

Tgt Ion:114 Resp: 536940

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.0
88	16.3	0.0	30.6



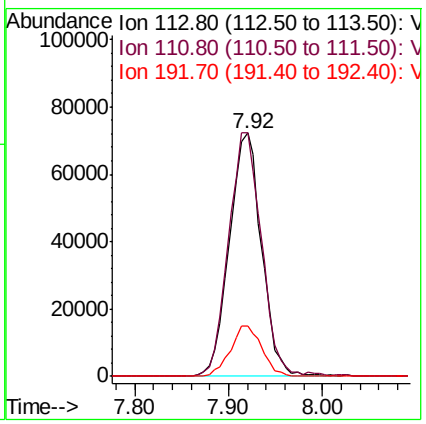


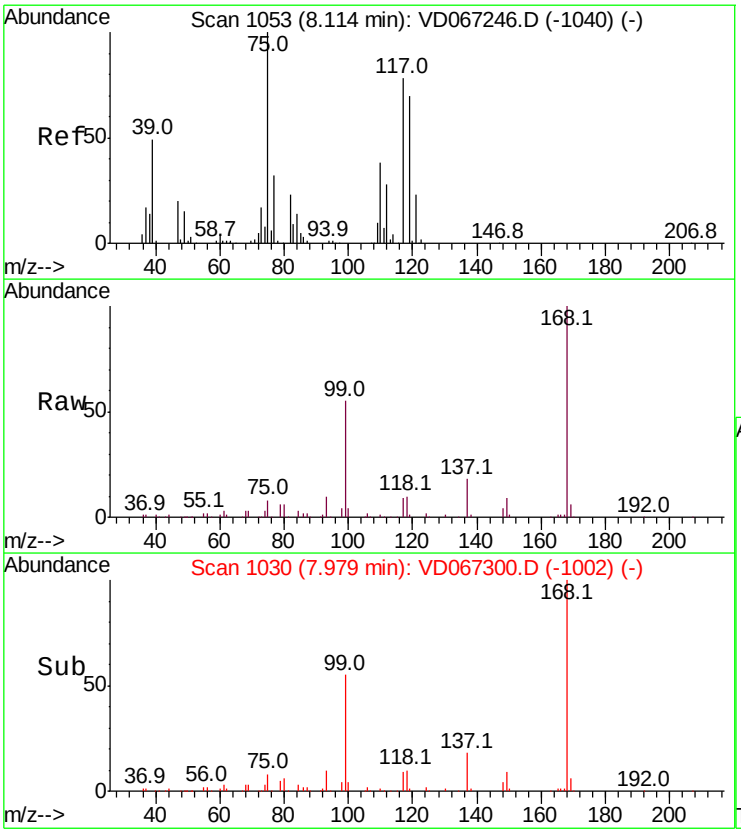
#35
Dibromofluoromethane
Concen: 47.974 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067300.D
Acq: 16 Oct 2020 16:35

Instrument : MSVOA_D
ClientSampleId : 5412

Tgt Ion:113 Resp: 171429

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.6	122.4
192	20.6	17.0	25.4

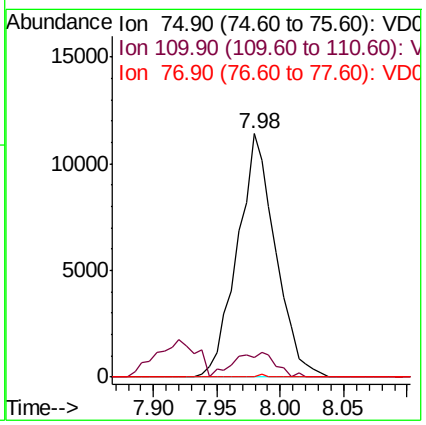


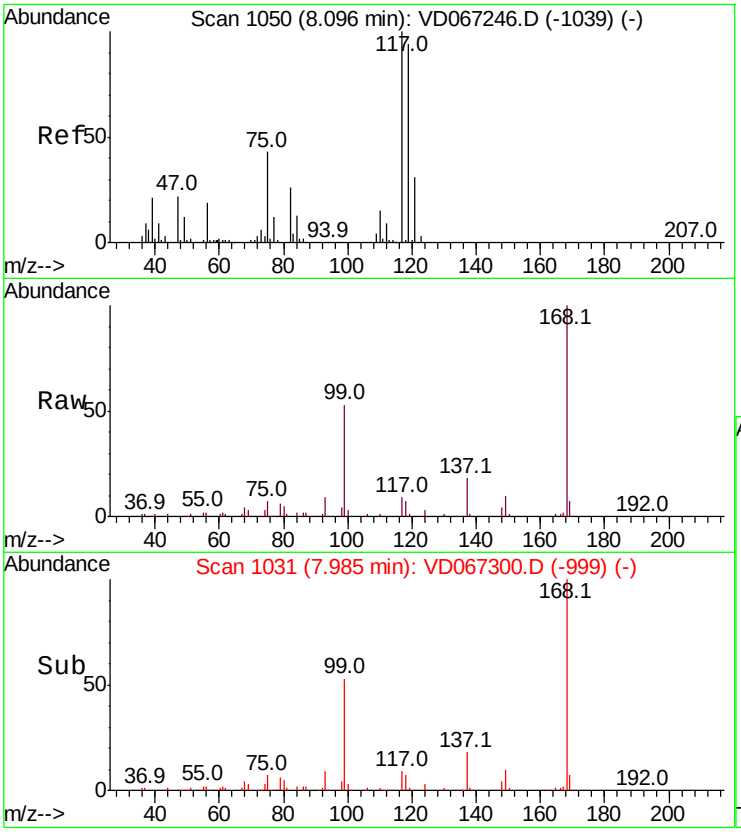


#36
1,1-Dichloropropene
Concen: 5.233 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.13 min
Lab File: VD067300.D
Acq: 16 Oct 2020 16:35

Tgt Ion: 75 Resp: 23813

Ion	Ratio	Lower	Upper
75	100		
110	10.1	19.6	58.7#
77	0.2	24.6	37.0#



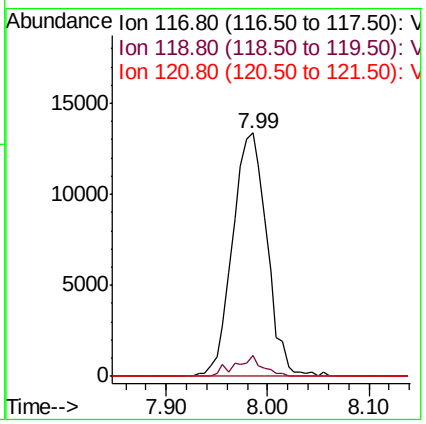


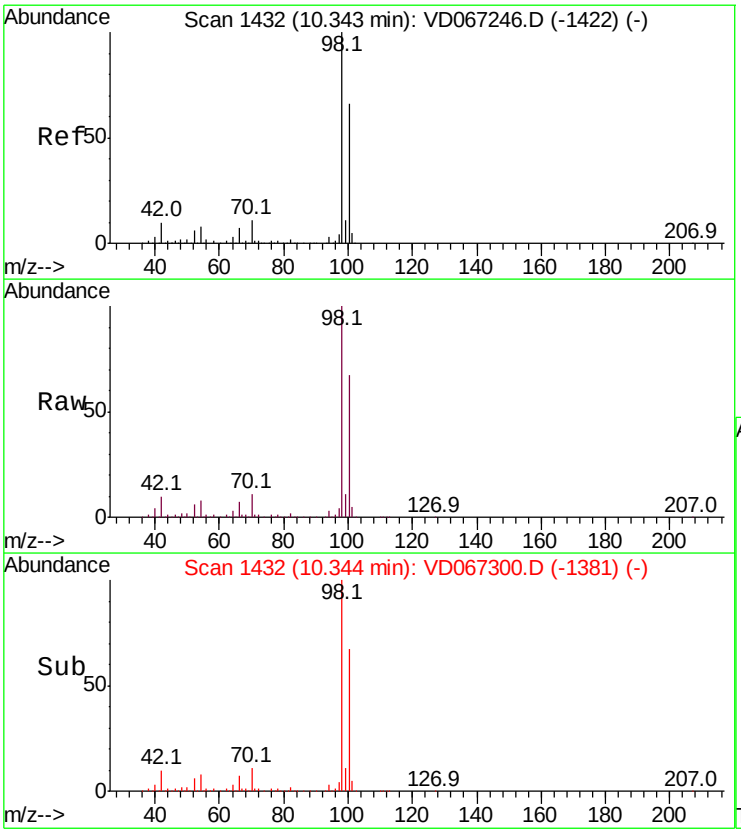
#38
Carbon Tetrachloride
Concen: 5.411 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD067300.D
Acq: 16 Oct 2020 16:35

Instrument : MSVOA_D
ClientSampleId : 5412

Tgt Ion:117 Resp: 31471

Ion	Ratio	Lower	Upper
117	100		
119	8.7	75.0	112.4#
121	0.0	24.9	37.3#

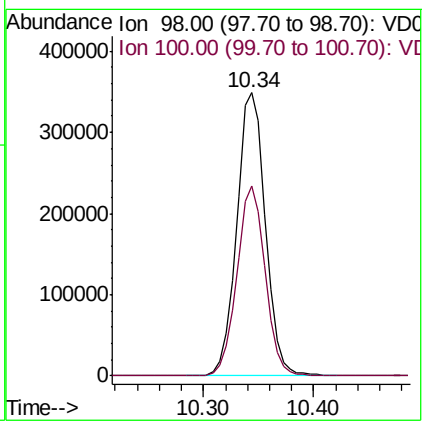


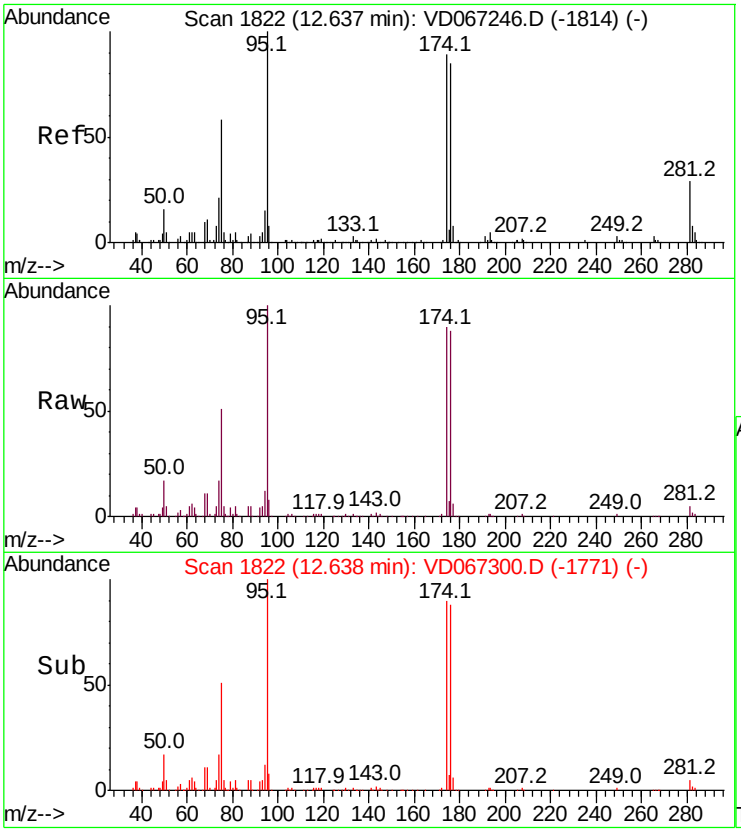


#50
Toluene-d8
Concen: 49.188 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067300.D
Acq: 16 Oct 2020 16:35

Tgt Ion: 98 Resp: 636083

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7



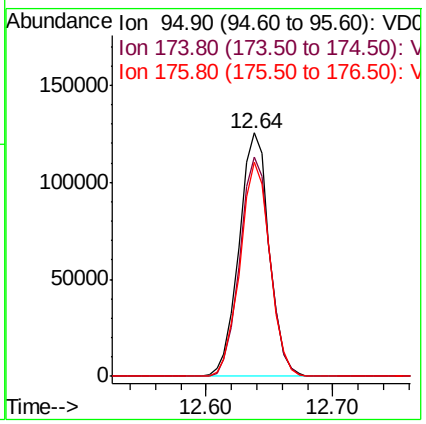


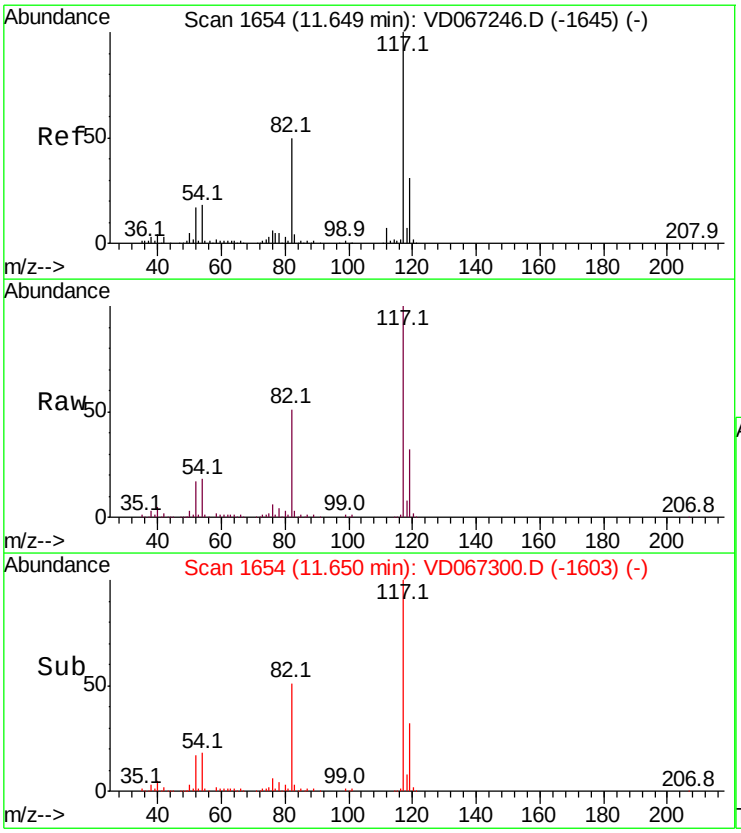
#62
4-Bromofluorobenzene
Concen: 45.951 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067300.D
Acq: 16 Oct 2020 16:35

Instrument : MSVOA_D
ClientSampleId : 5412

Tgt Ion: 95 Resp: 206624

Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	175.2
176	87.0	0.0	168.6

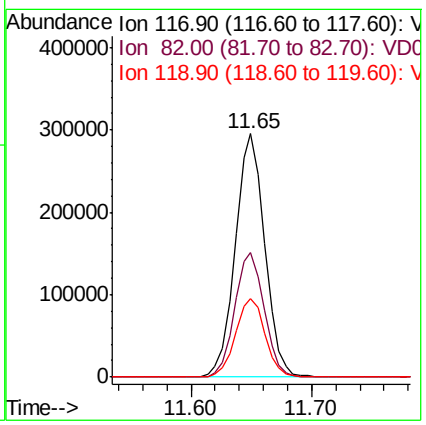


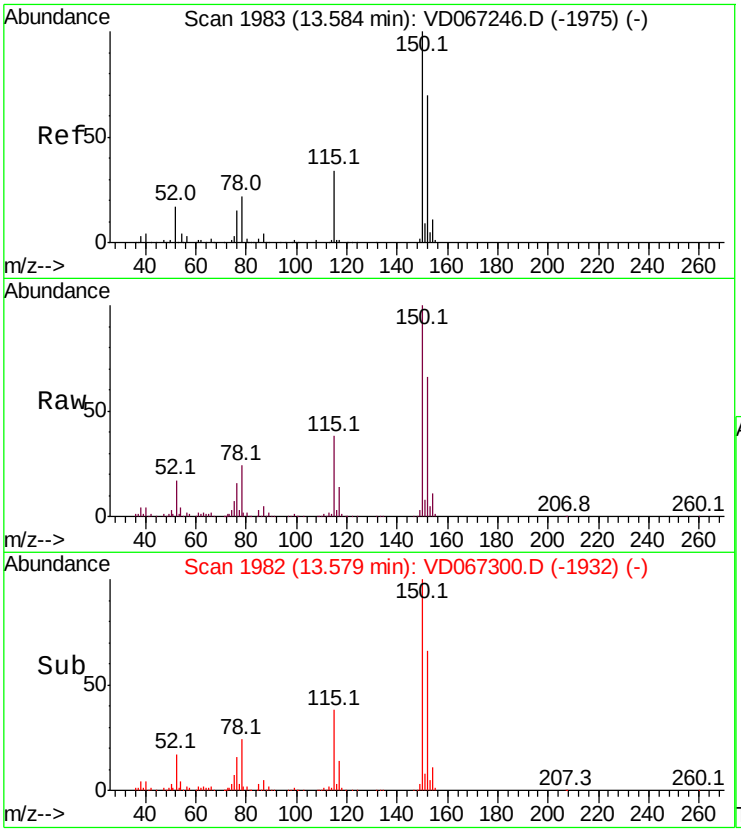


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067300.D
Acq: 16 Oct 2020 16:35

Tgt Ion:117 Resp: 502230

Ion	Ratio	Lower	Upper
117	100		
82	50.9	39.9	59.9
119	32.0	24.9	37.3



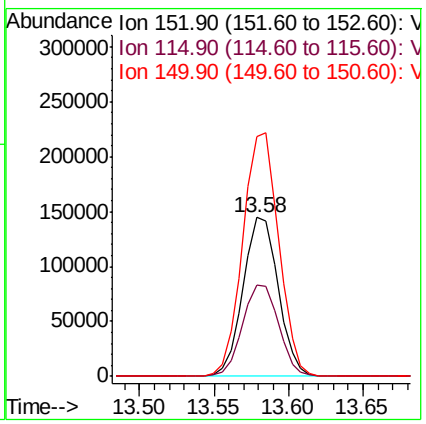


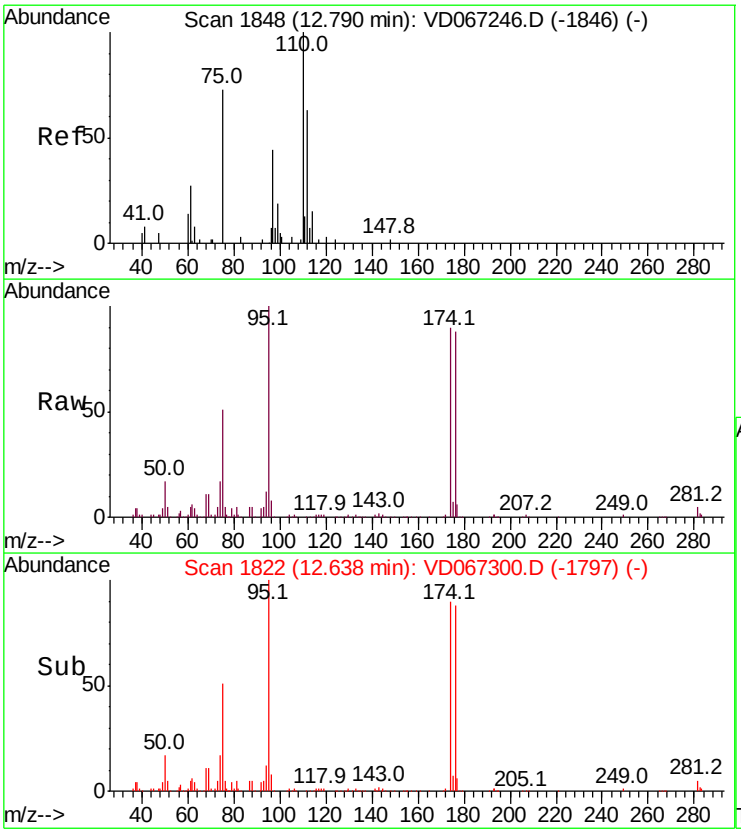
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067300.D
Acq: 16 Oct 2020 16:35

Instrument : MSVOA_D
ClientSampleId : 5412

Tgt Ion:152 Resp: 235840

Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.3	87.9
150	156.2	0.0	339.0

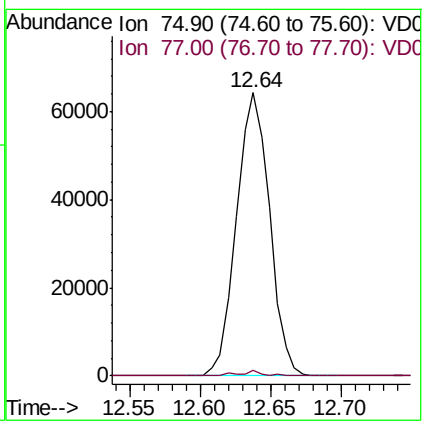


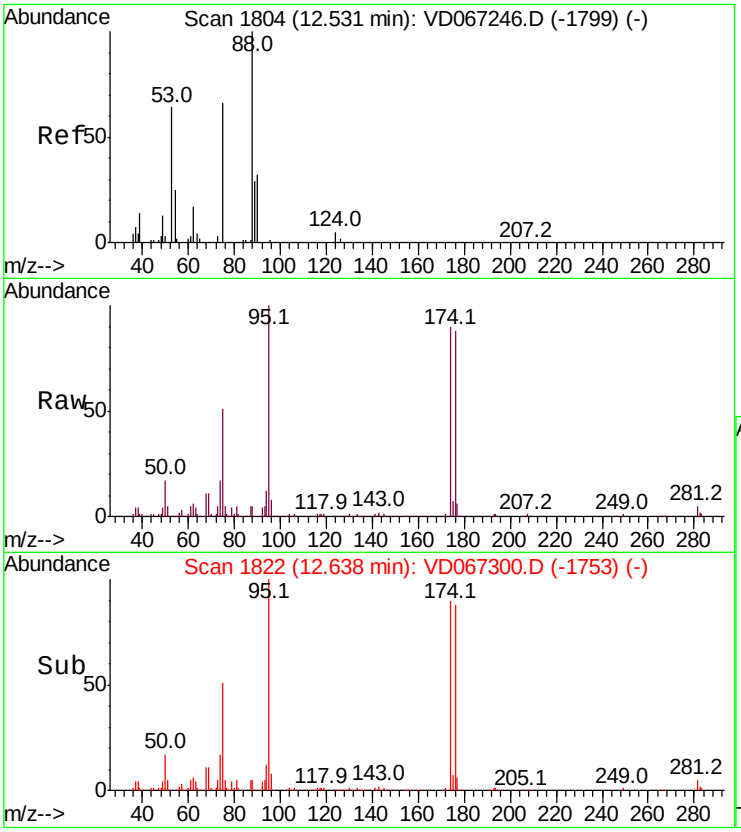


#76
1,2,3-Trichloropropane
Concen: 64.531 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD067300.D
Acq: 16 Oct 2020 16:35

Tgt Ion: 75 Resp: 105482

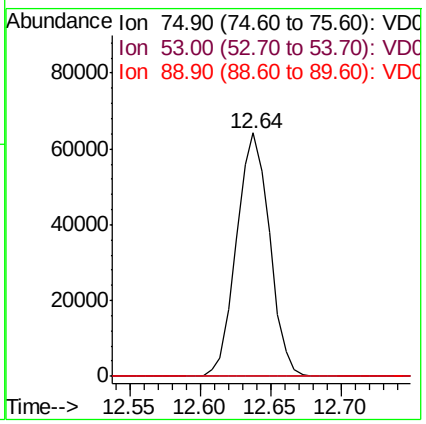
Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 146.337 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD067300.D
Acq: 16 Oct 2020 16:35

Instrument :
MSVOA_D
ClientSampleId :
5412

Tgt Ion: 75 Resp: 105482

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