Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110220\
Data File : VD067493.D
Acq On : 02 Nov 2020 15:58
Operator : VA/SY
Sample : L4541-05
Misc : 5.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 124036

Quant Time: Nov 03 00:29:41 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	41388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	65984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	71192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	36978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	29599	71.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 142.76%			
35) Dibromofluoromethane	7.92	113	24657	56.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.30%			
50) Toluene-d8	10.35	98	81177	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.16%			
62) 4-Bromofluorobenzene	12.64	95	29835	53.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.98%			
Target Compounds						Qvalue
5) Bromomethane	2.78	94	53	Below Cal	#	3
16) Acetone	4.16	43	6152	105.939	ug/l #	84
17) Carbon Disulfide	4.41	76	2402	2.467	ug/l #	75
20) Methylene Chloride	4.98	84	80	Below Cal	#	16
25) 2-Butanone	7.22	43	789	11.919	ug/l #	45
31) Cyclohexane	7.99	56	1226	2.567	ug/l #	66
36) 1,1-Dichloropropene	7.97	75	3199	5.720	ug/l #	41
38) Carbon Tetrachloride	7.98	117	4005	5.603	ug/l #	13
76) 1,2,3-Trichloropropane	12.64	75	14059	54.855	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	14059	124.395	ug/l #	10

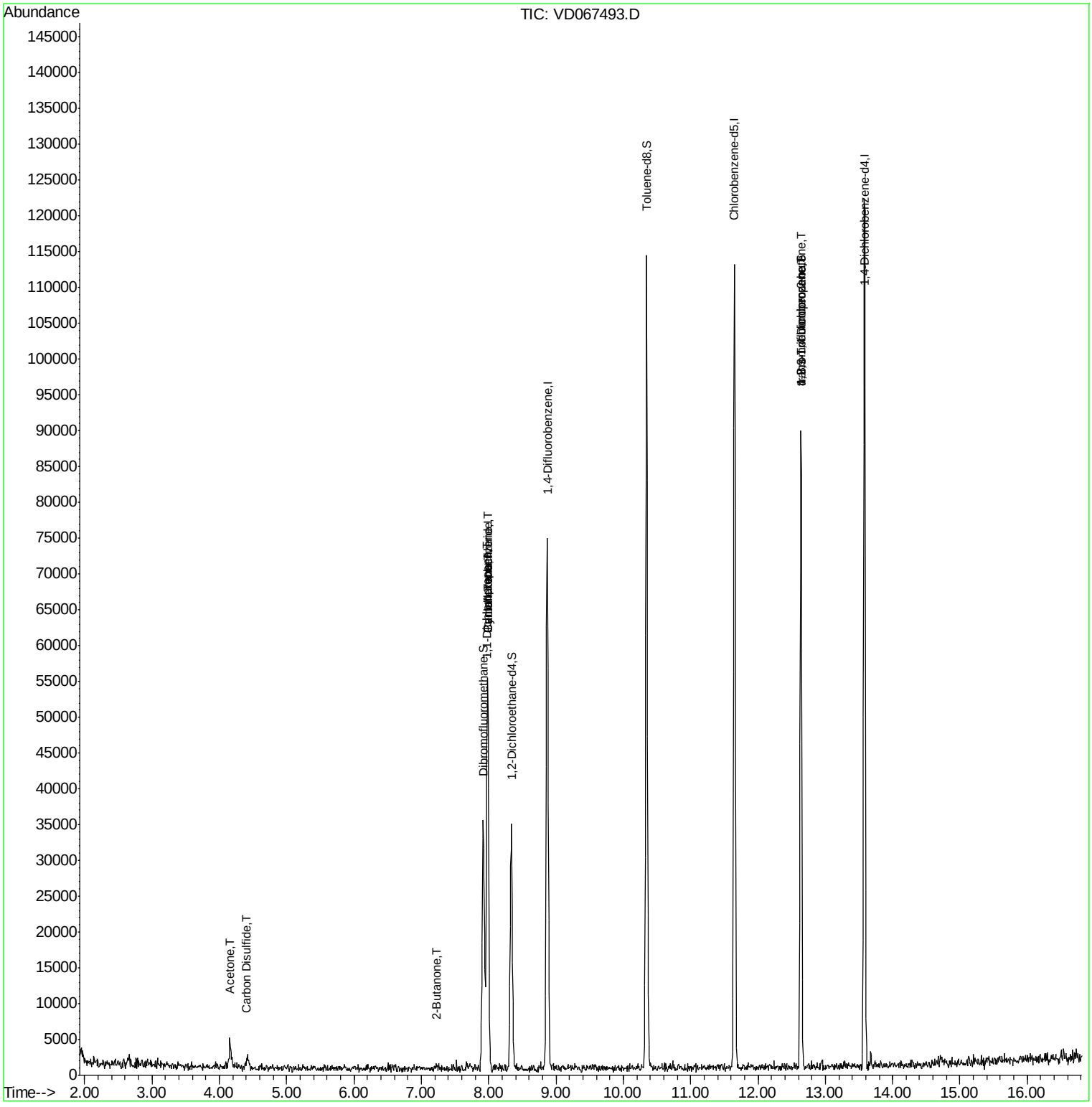
(#) = qualifier out of range (m) = manual integration (+) = signals summed

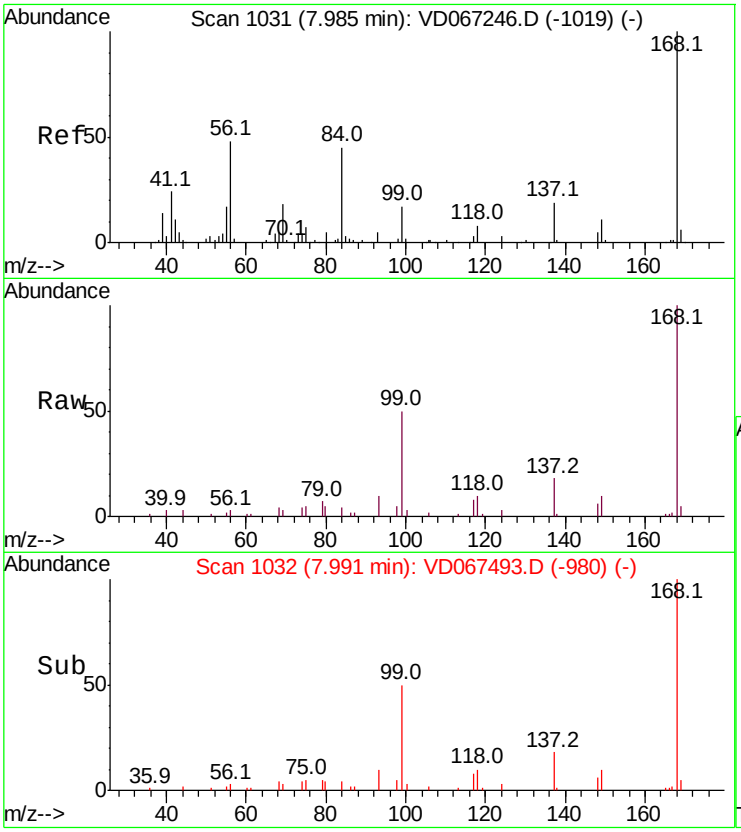
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110220\
Data File : VD067493.D
Acq On : 02 Nov 2020 15:58
Operator : VA/SY
Sample : L4541-05
Misc : 5.70G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
124036

Quant Time: Nov 03 00:29:41 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



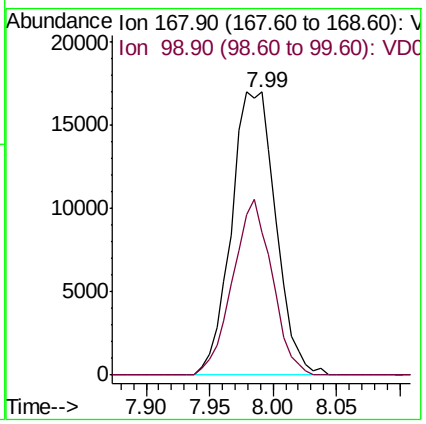


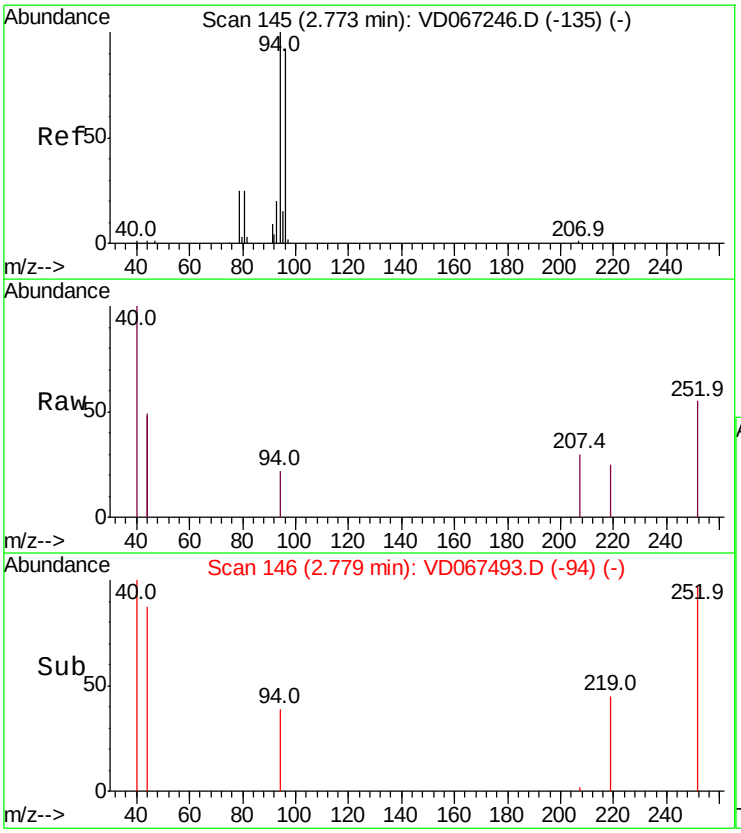
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067493.D
Acq: 02 Nov 2020 15:58

Instrument : MSVOA_D
ClientSampleId : 124036

Tgt Ion:168 Resp: 41388

Ion	Ratio	Lower	Upper
168	100		
99	50.2	45.9	68.9

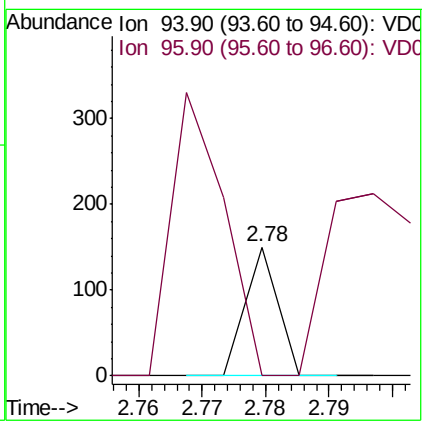


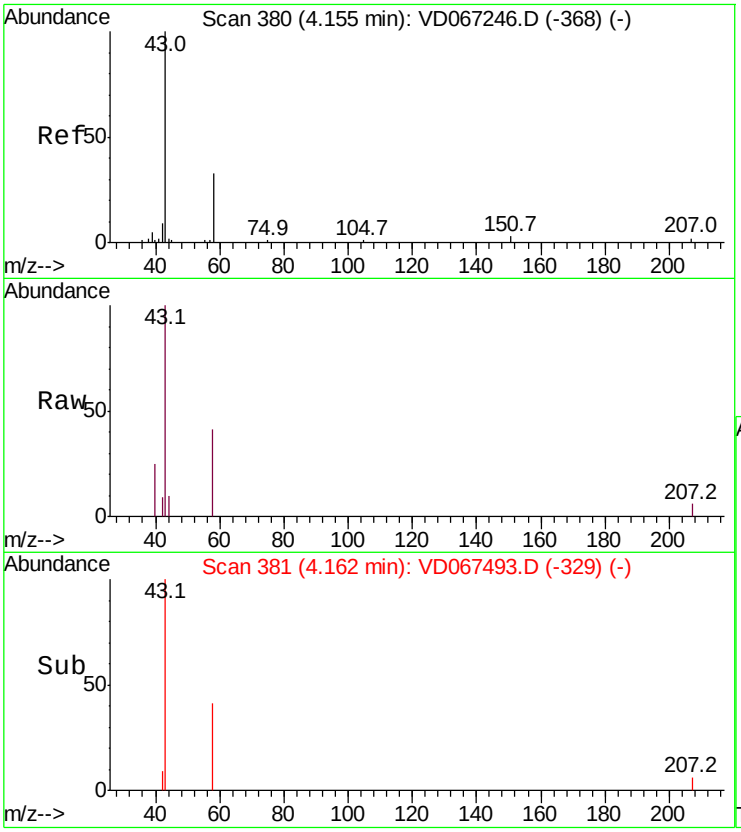


#5
Bromomethane
Concen: Below Cal
RT: 2.78 min Scan# 146
Delta R.T. 0.01 min
Lab File: VD067493.D
Acq: 02 Nov 2020 15:58

Tgt Ion: 94 Resp: 53

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.8	110.6#



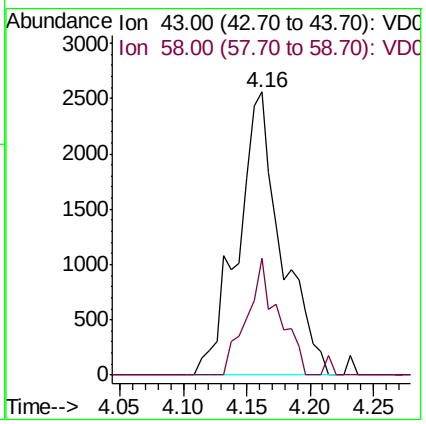


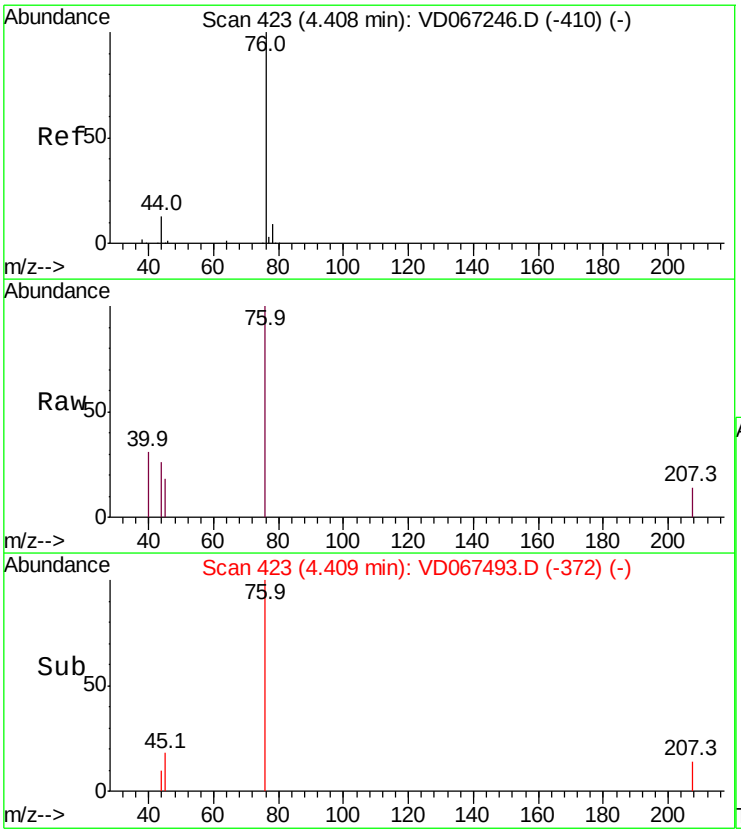
#16
Acetone
Concen: 105.939 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD067493.D
Acq: 02 Nov 2020 15:58

Instrument :
MSVOA_D
ClientSampleId :
124036

Tgt Ion: 43 Resp: 6152

Ion	Ratio	Lower	Upper
43	100		
58	41.4	26.1	39.1#

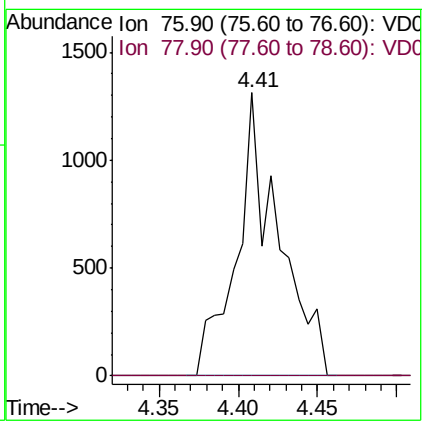


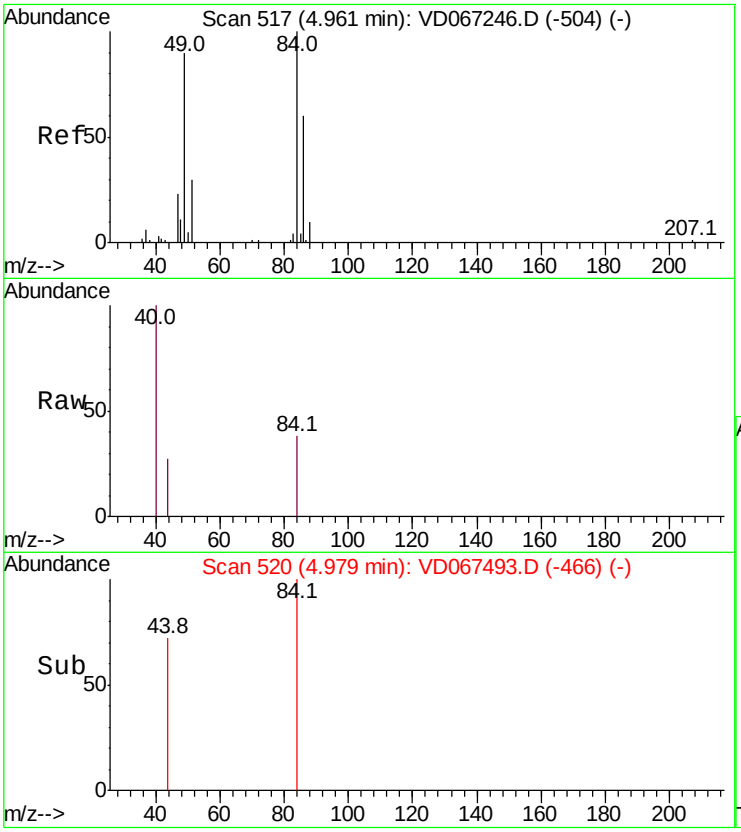


#17
Carbon Disulfide
Concen: 2.467 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067493.D
Acq: 02 Nov 2020 15:58

Tgt Ion: 76 Resp: 2402

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#



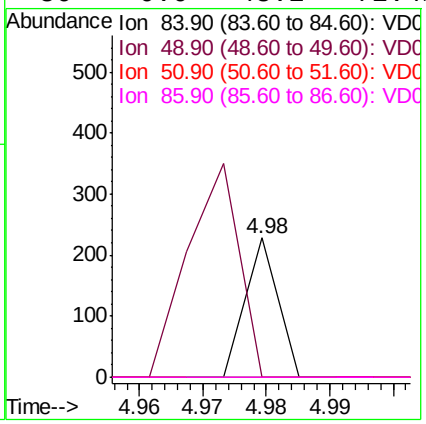


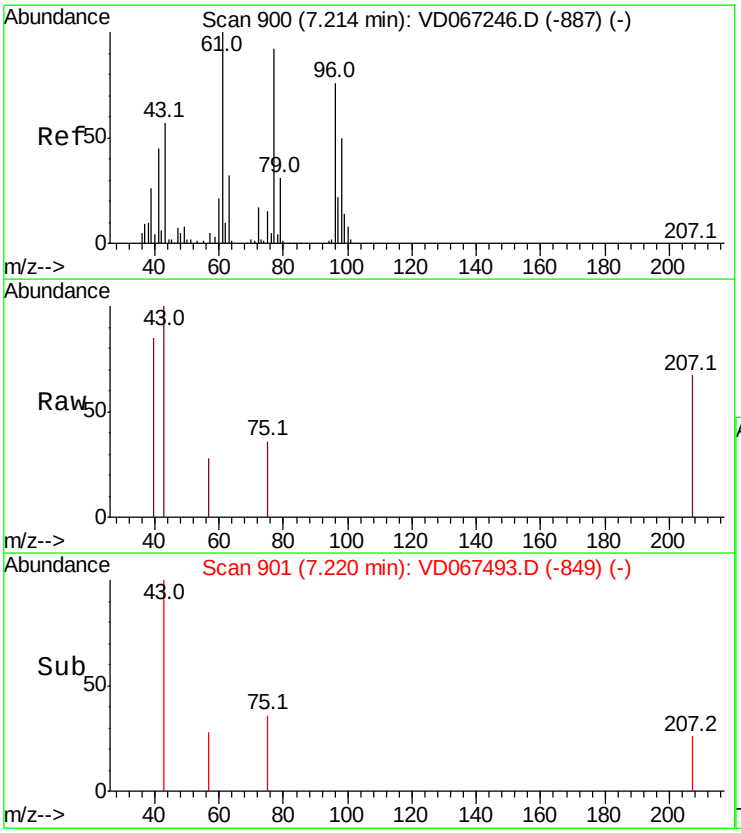
#20
Methylene Chloride
Concen: Below Cal
RT: 4.98 min Scan# 520
Delta R.T. 0.02 min
Lab File: VD067493.D
Acq: 02 Nov 2020 15:58

Instrument : MSVOA_D
ClientSampleId : 124036

Tgt Ion: 84 Resp: 80

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

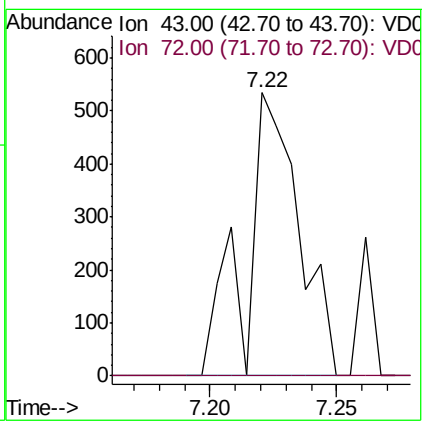


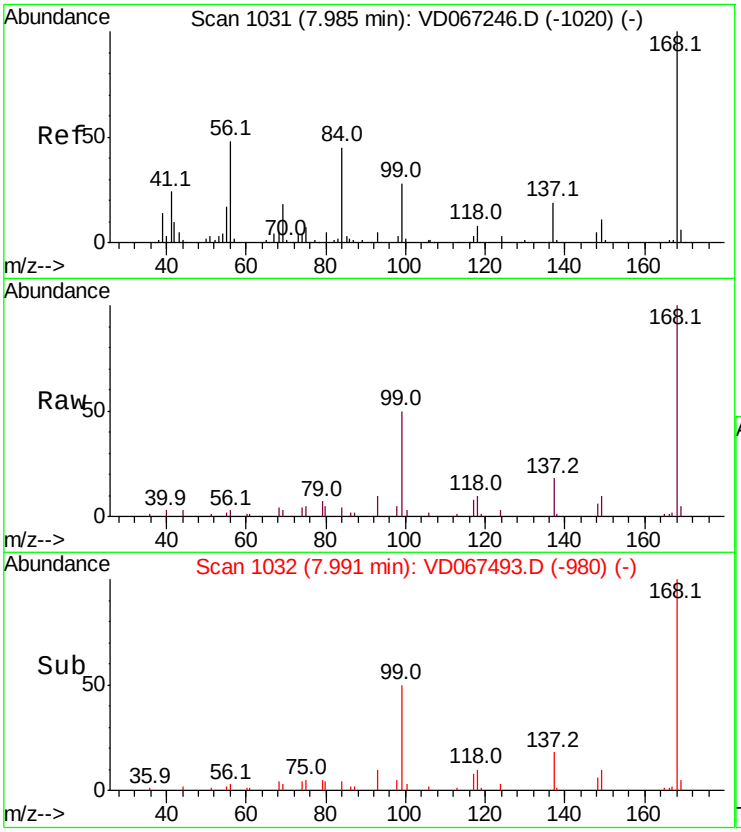


#25
2-Butanone
Concen: 11.919 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD067493.D
Acq: 02 Nov 2020 15:58

Tgt Ion: 43 Resp: 789

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#



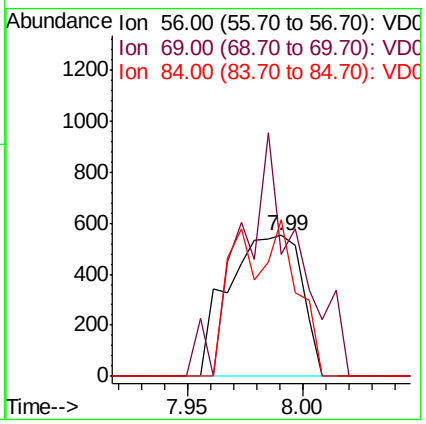


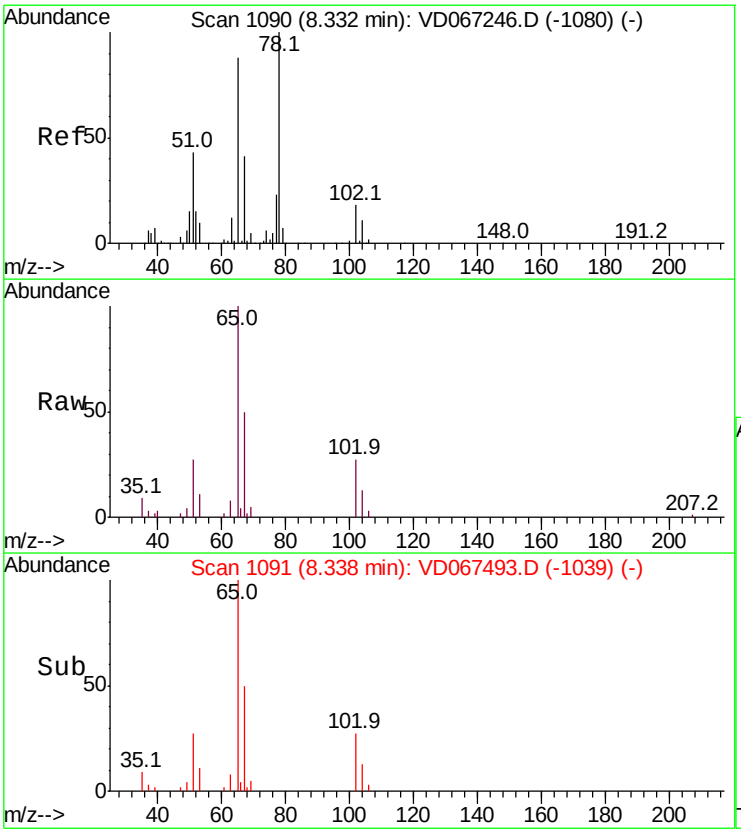
#31
Cyclohexane
Concen: 2.567 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067493.D
Acq: 02 Nov 2020 15:58

Instrument : MSVOA_D
ClientSampleId : 124036

Tgt Ion: 56 Resp: 1226

Ion	Ratio	Lower	Upper
56	100		
69	86.3	29.8	44.6#
84	111.0	76.6	114.8

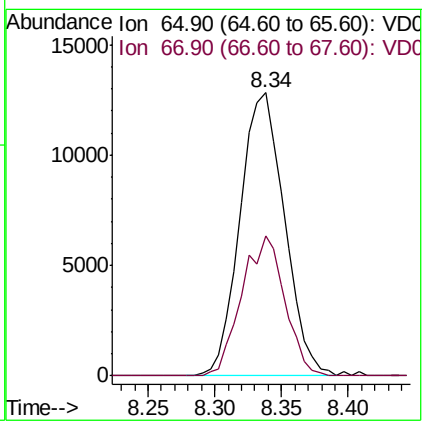


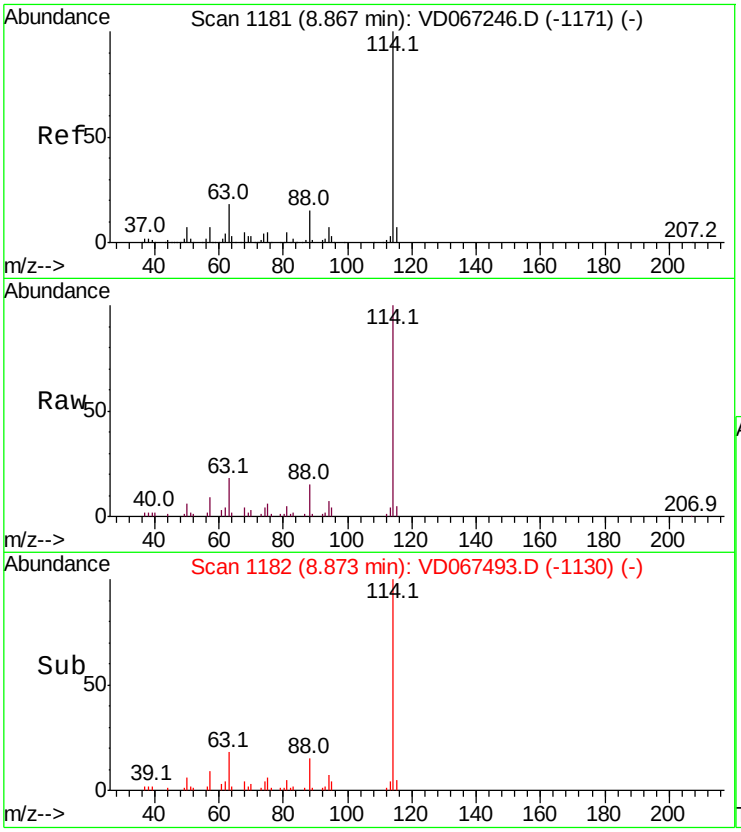


#33
1,2-Dichloroethane-d4
Concen: 71.384 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD067493.D
Acq: 02 Nov 2020 15:58

Tgt Ion: 65 Resp: 29599

Ion	Ratio	Lower	Upper
65	100		
67	47.7	0.0	103.8



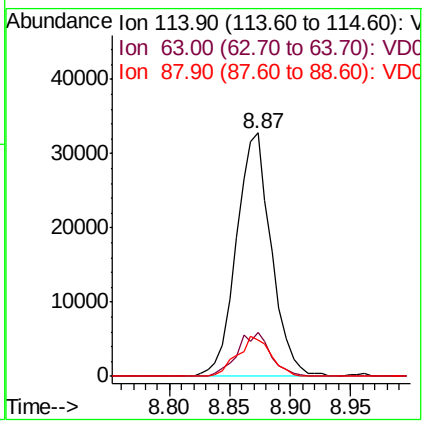


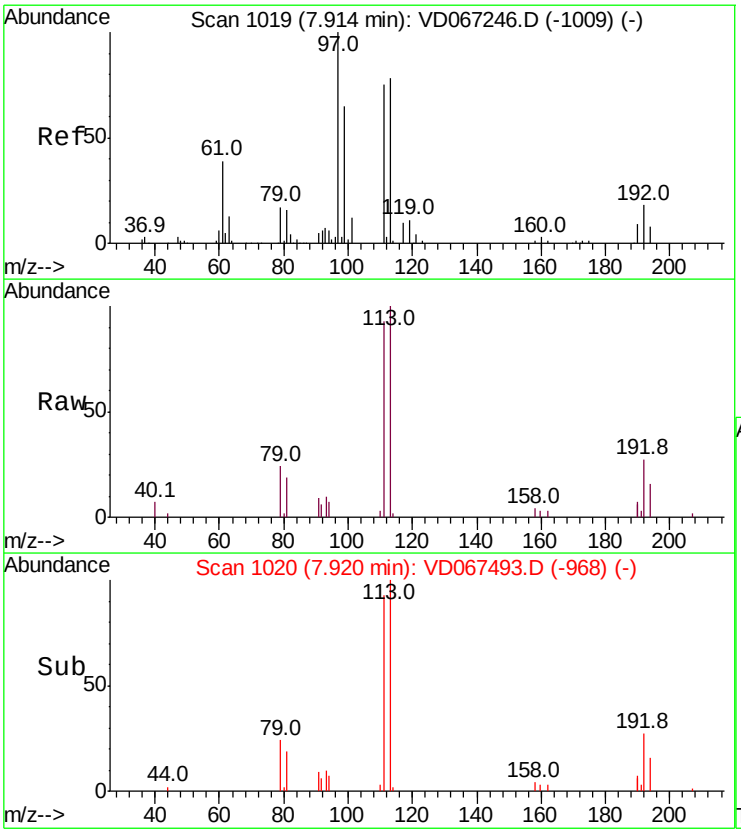
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VD067493.D
Acq: 02 Nov 2020 15:58

Instrument :
MSVOA_D
ClientSampleId :
124036

Tgt Ion:114 Resp: 65984

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	35.0
88	15.1	0.0	30.6

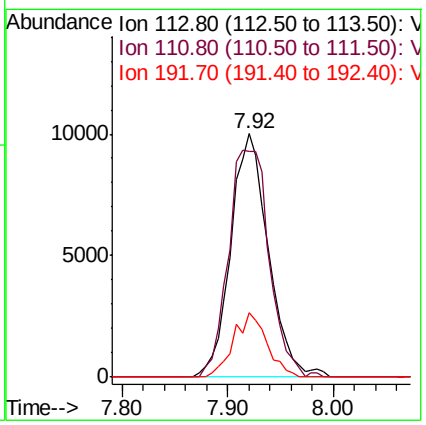


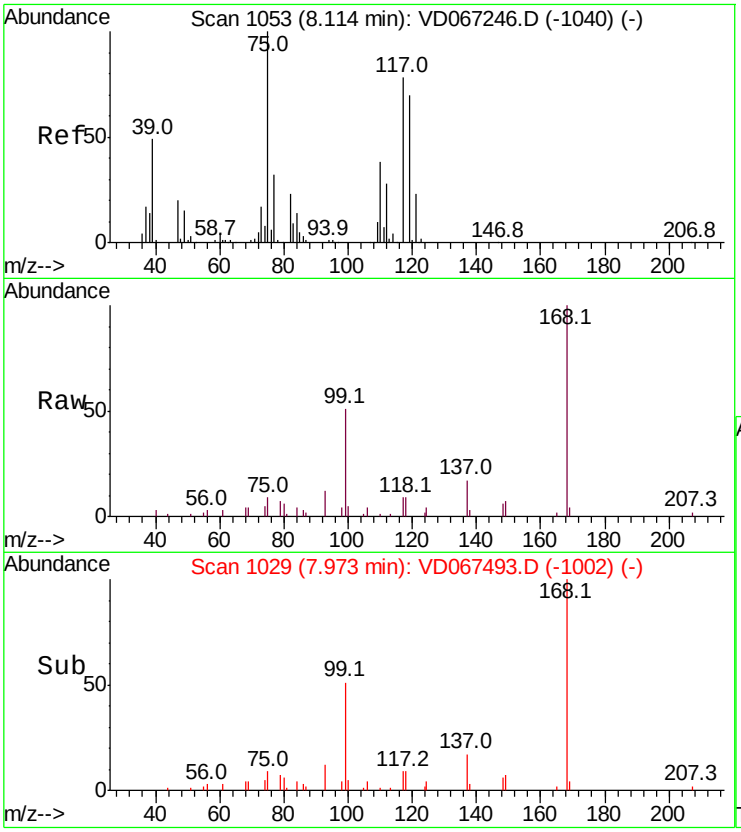


#35
Dibromofluoromethane
Concen: 56.150 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067493.D
Acq: 02 Nov 2020 15:58

Tgt Ion:113 Resp: 24657

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.6	122.4
192	23.4	17.0	25.4



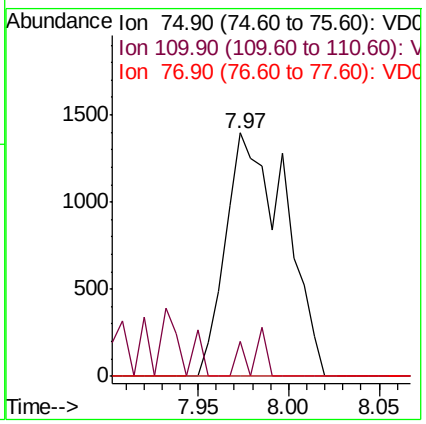


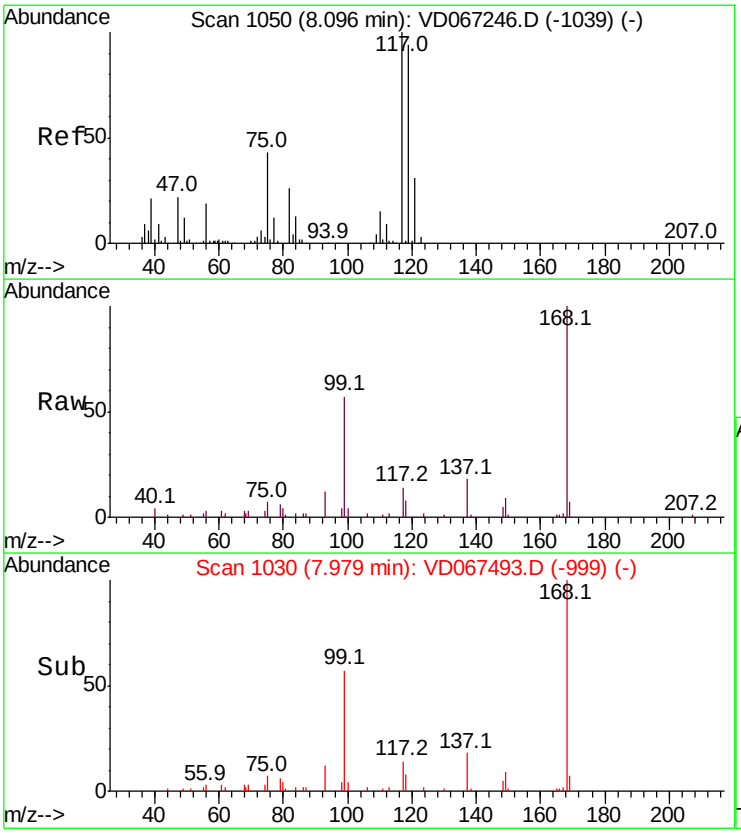
#36
1,1-Dichloropropene
Concen: 5.720 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.14 min
Lab File: VD067493.D
Acq: 02 Nov 2020 15:58

Instrument :
MSVOA_D
ClientSampleId :
124036

Tgt Ion: 75 Resp: 3199

Ion	Ratio	Lower	Upper
75	100		
110	2.2	19.6	58.7#
77	0.0	24.6	37.0#

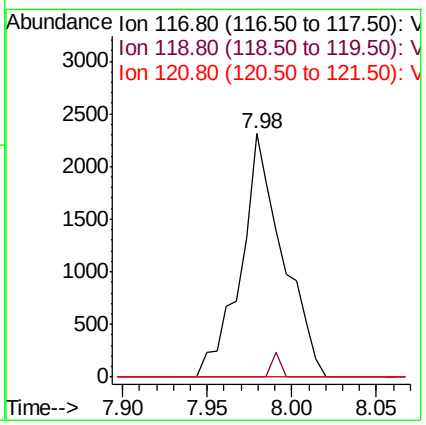


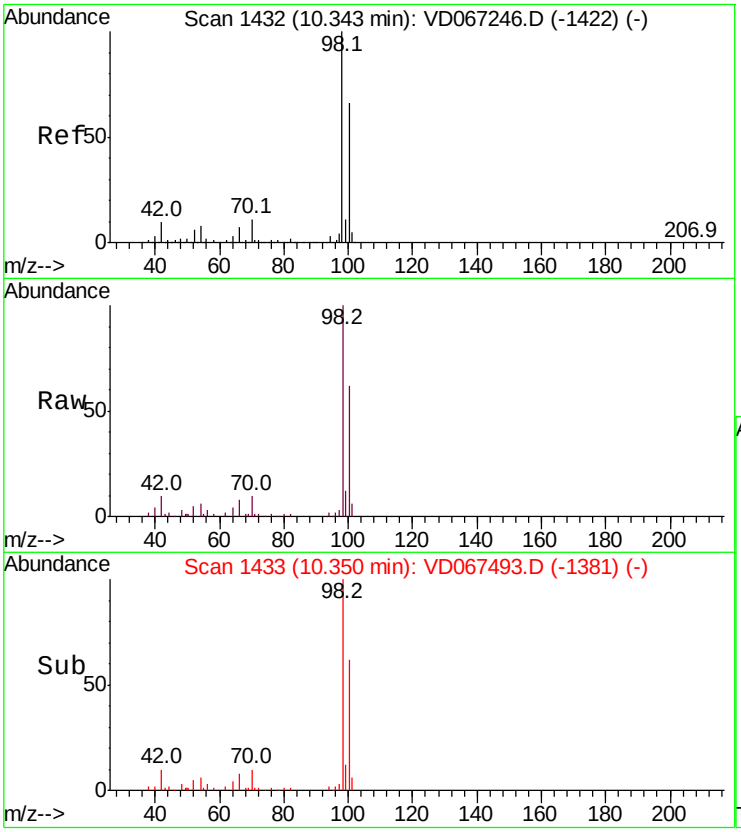


#38
Carbon Tetrachloride
Concen: 5.603 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD067493.D
Acq: 02 Nov 2020 15:58

Tgt Ion:117 Resp: 4005

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



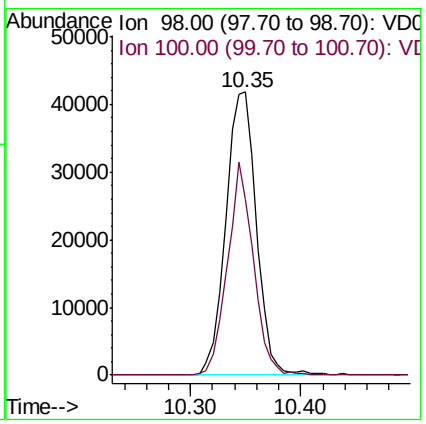


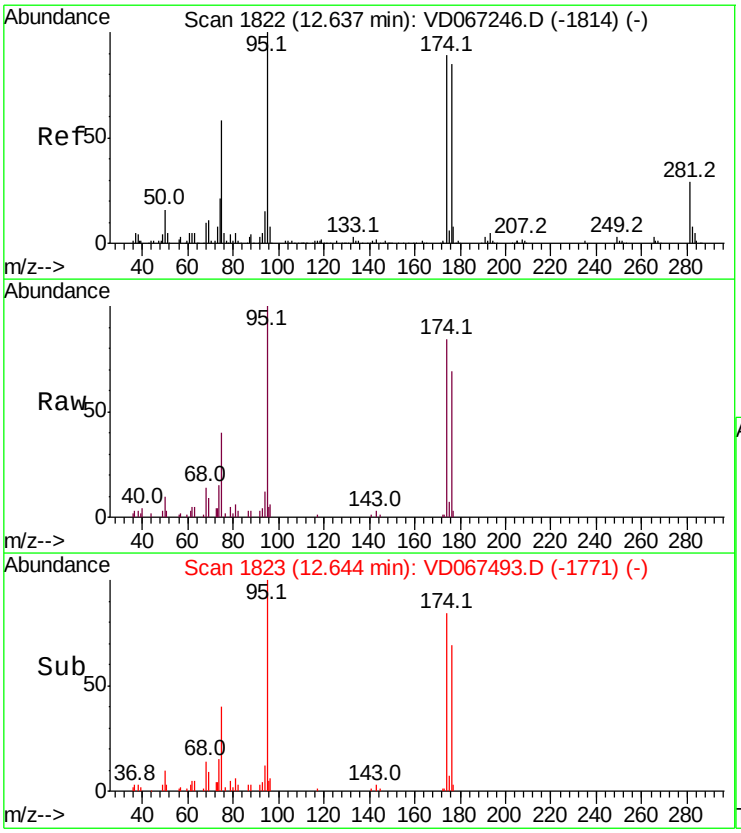
#50
Toluene-d8
Concen: 51.082 ug/l
RT: 10.35 min Scan# 1433
Delta R.T. 0.01 min
Lab File: VD067493.D
Acq: 02 Nov 2020 15:58

Instrument : MSVOA_D
ClientSampleId : 124036

Tgt Ion: 98 Resp: 81177

Ion	Ratio	Lower	Upper
98	100		
100	63.8	53.1	79.7

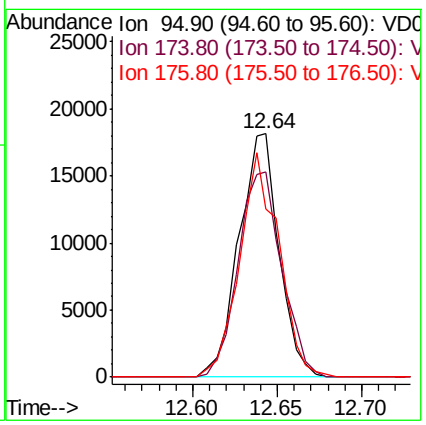


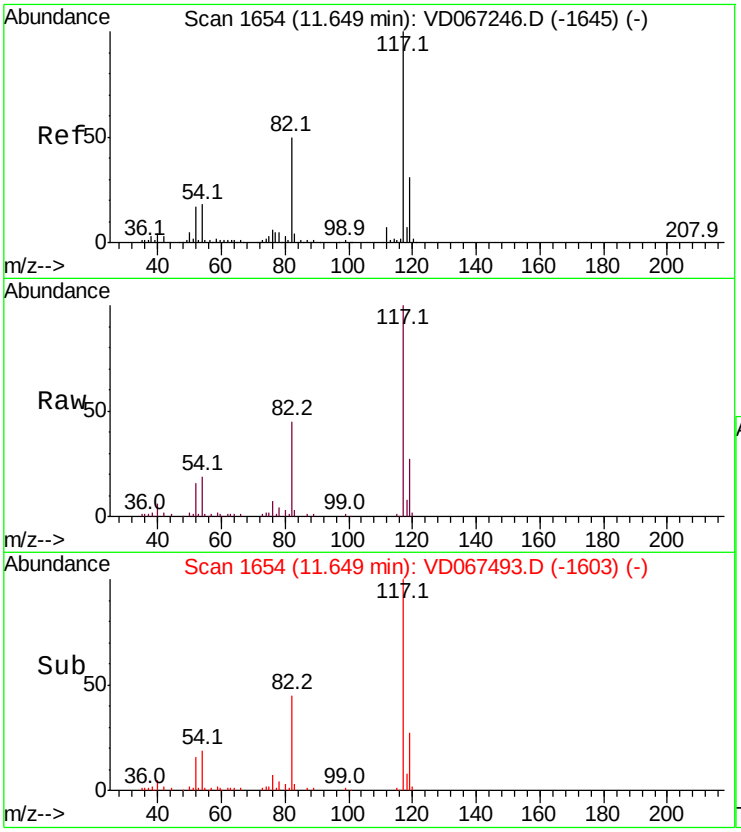


#62
4-Bromofluorobenzene
Concen: 53.992 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD067493.D
Acq: 02 Nov 2020 15:58

Tgt Ion: 95 Resp: 29835

Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	175.2
176	90.3	0.0	168.6



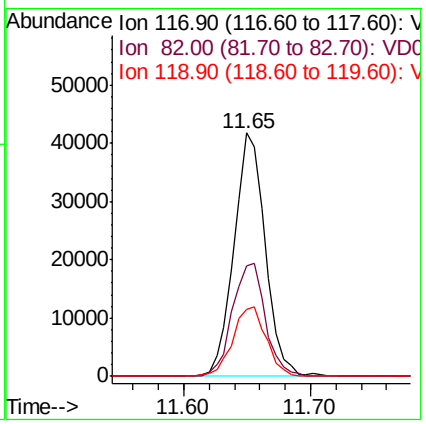


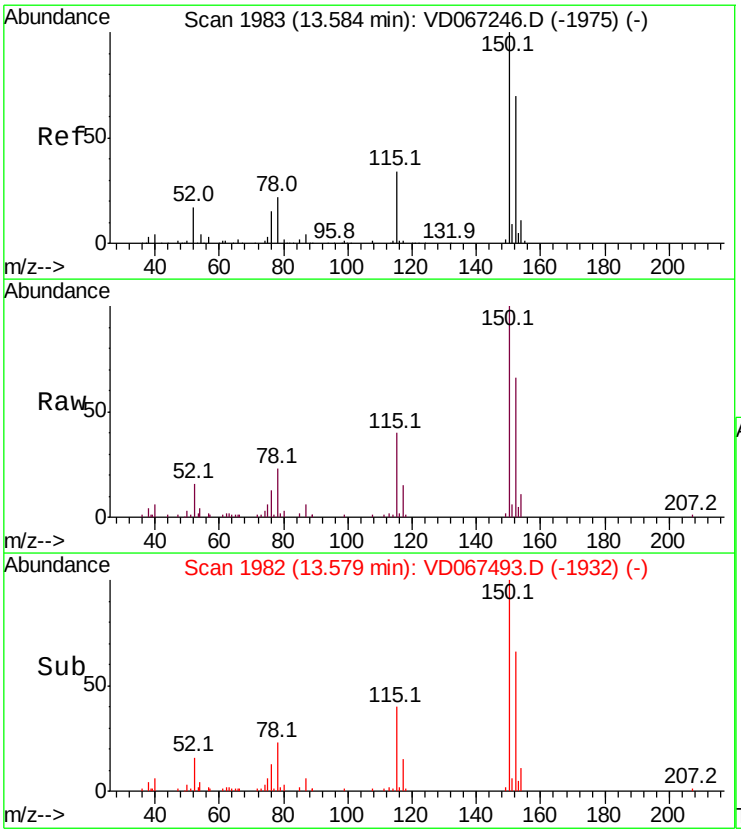
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067493.D
Acq: 02 Nov 2020 15:58

Instrument :
MSVOA_D
ClientSampleId :
124036

Tgt Ion:117 Resp: 71192

Ion	Ratio	Lower	Upper
117	100		
82	45.3	39.9	59.9
119	27.4	24.9	37.3

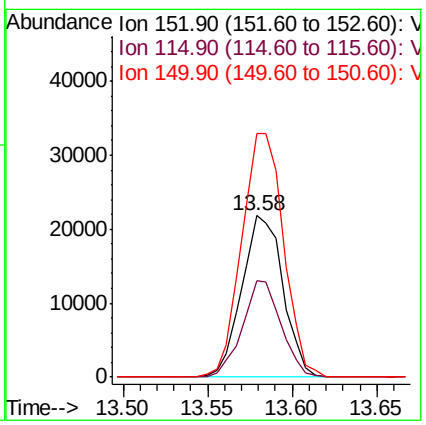


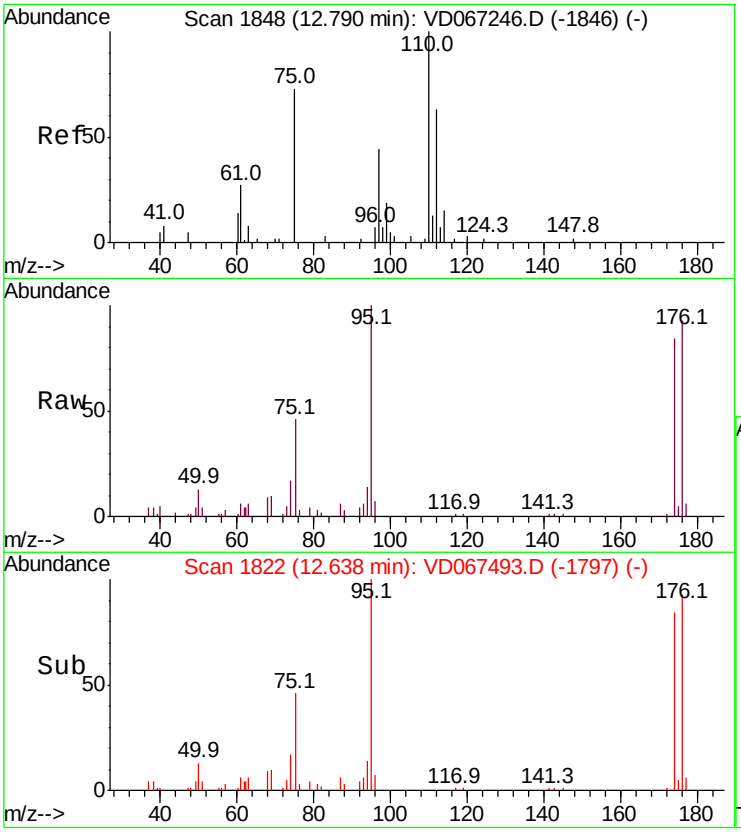


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067493.D
Acq: 02 Nov 2020 15:58

Tgt Ion:152 Resp: 36978

Ion	Ratio	Lower	Upper
152	100		
115	56.3	29.3	87.9
150	153.7	0.0	339.0



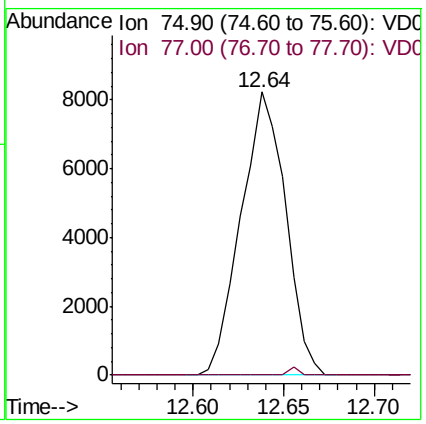


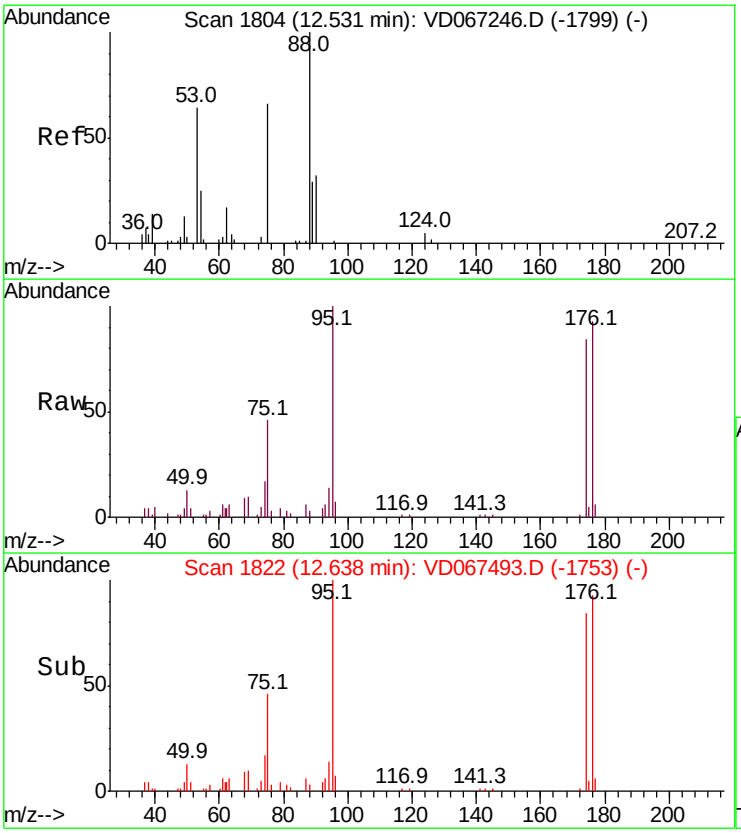
#76
1,2,3-Trichloropropane
Concen: 54.855 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD067493.D
Acq: 02 Nov 2020 15:58

Instrument : MSVOA_D
ClientSampleId : 124036

Tgt Ion: 75 Resp: 14059

Ion	Ratio	Lower	Upper
75	100		
77	0.6	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 124.395 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD067493.D
Acq: 02 Nov 2020 15:58

Tgt Ion: 75 Resp: 14059

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