Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012120\
Data File : VD064902.D
Acq On : 21 Jan 2020 10:03
Operator : VA/SY
Sample : VD0121SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Jan 22 05:25:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	489786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	805190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	750128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	354245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	243853	56.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.92%			
35) Dibromofluoromethane	7.92	113	249856	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.16%			
50) Toluene-d8	10.34	98	974459	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.02%			
62) 4-Bromofluorobenzene	12.64	95	308925	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.28%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.27	59	500	2.020	ug/l #	70
16) Acetone	4.17	43	5929	9.929	ug/l	89
20) Methylene Chloride	4.97	84	12643	Below Cal	#	78
25) 2-Butanone	7.23	43	3028	2.551	ug/l	91
31) Cyclohexane	7.98	56	13273	1.648	ug/l #	40
76) 1,2,3-Trichloropropane	12.64	75	165498	59.163	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	165498	123.737	ug/l #	10

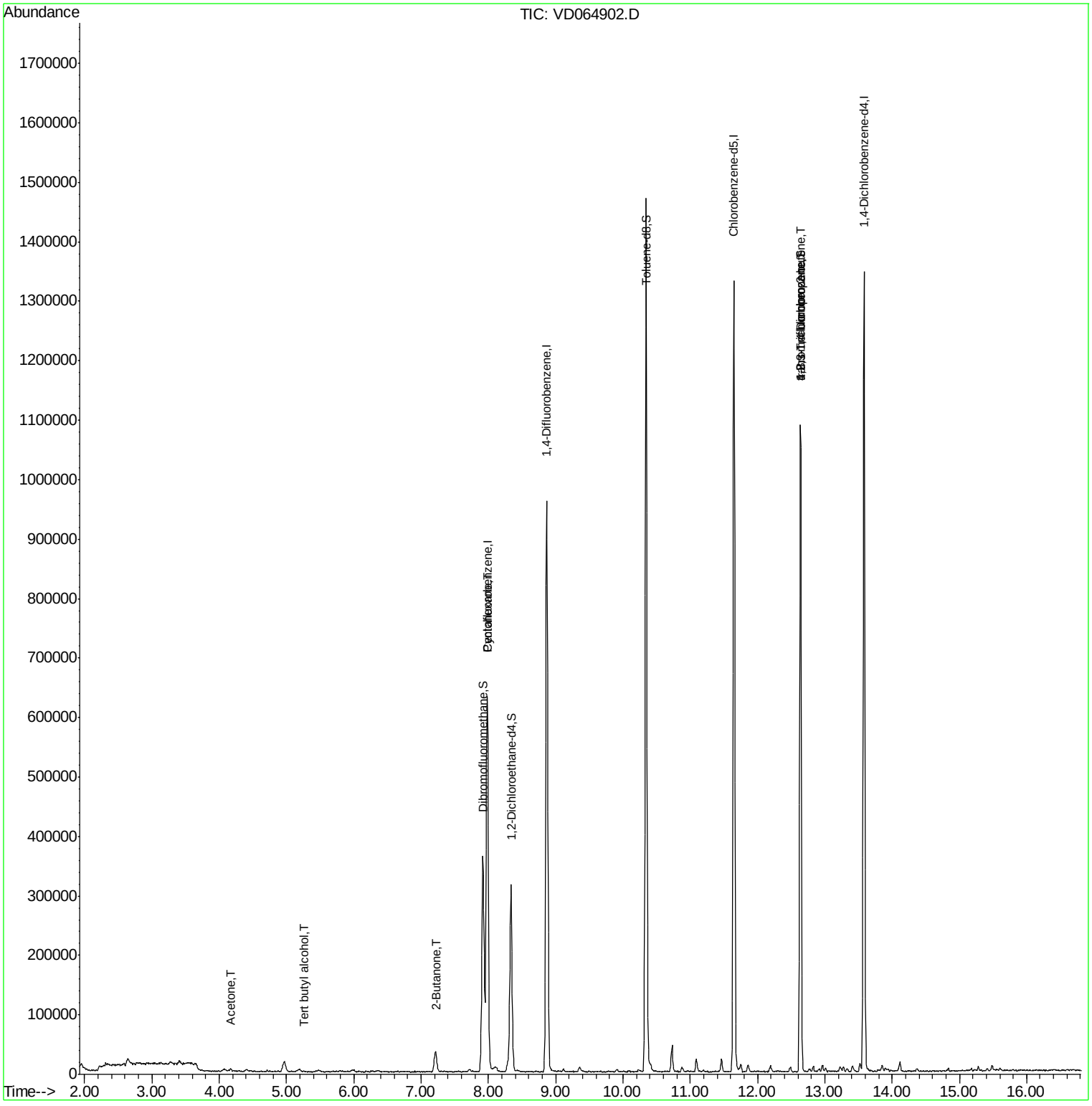
(#) = qualifier out of range (m) = manual integration (+) = signals summed

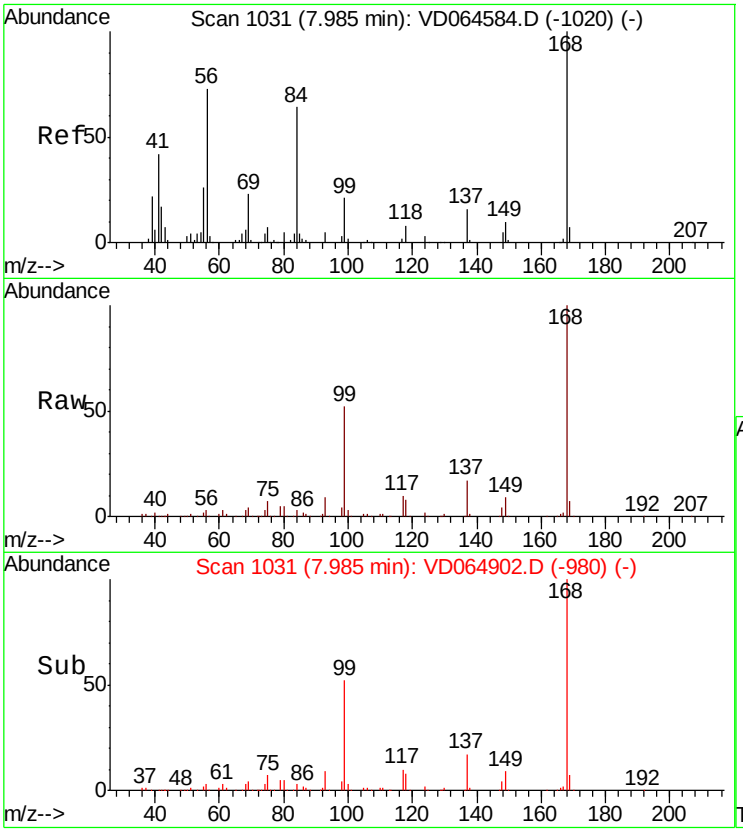
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012120\
Data File : VD064902.D
Acq On : 21 Jan 2020 10:03
Operator : VA/SY
Sample : VD0121SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 22 05:25:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration



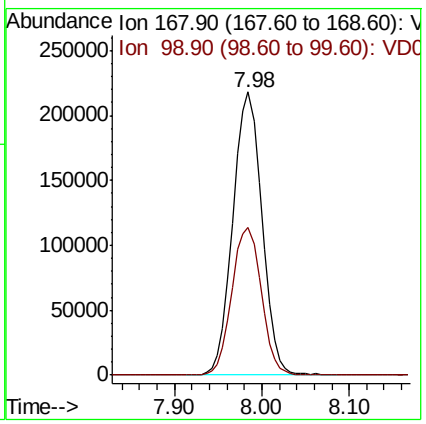


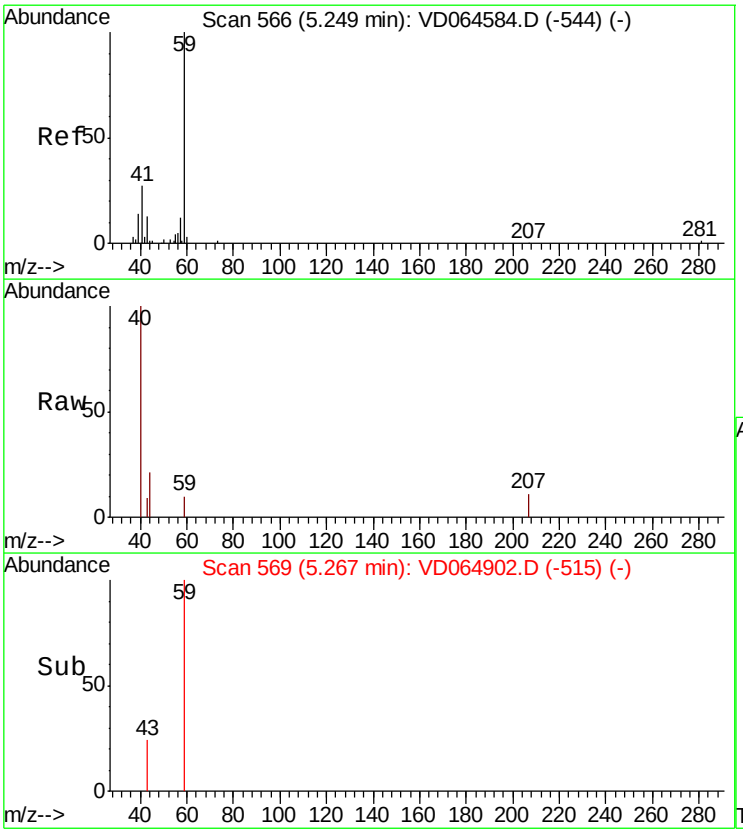
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064902.D
Acq: 21 Jan 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 489786

Ion	Ratio	Lower	Upper
168	100		
99	51.9	41.8	62.6

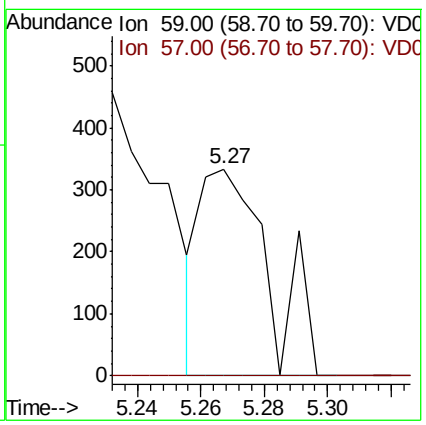


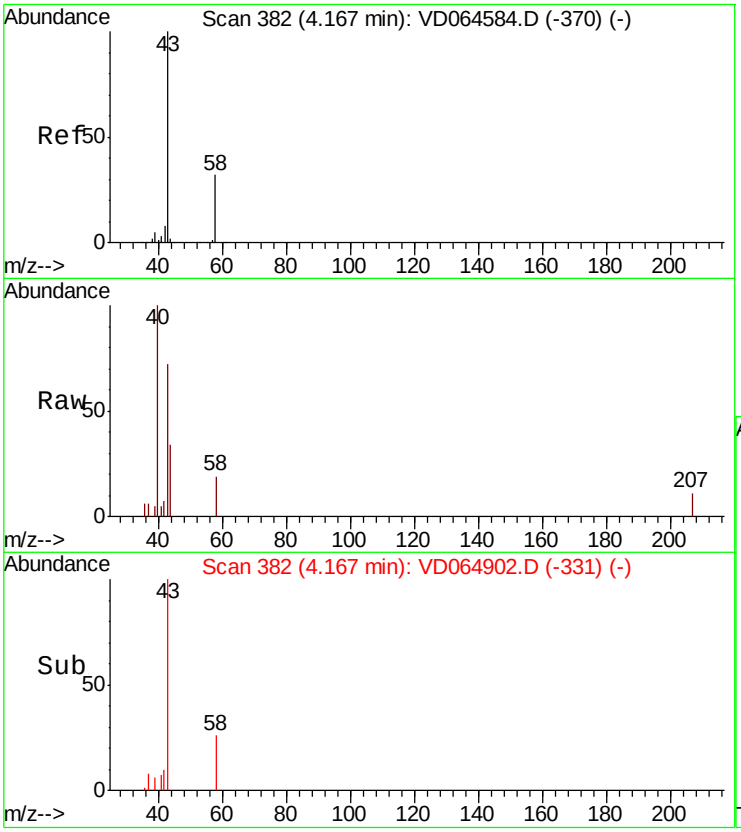


#11
Tert butyl alcohol
Concen: 2.020 ug/l
RT: 5.27 min Scan# 569
Delta R.T. 0.02 min
Lab File: VD064902.D
Acq: 21 Jan 2020 10:03

Tgt Ion: 59 Resp: 500

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#



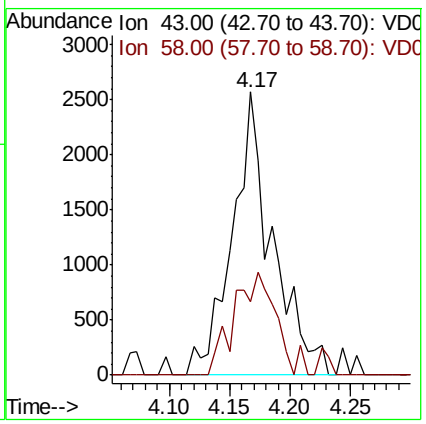


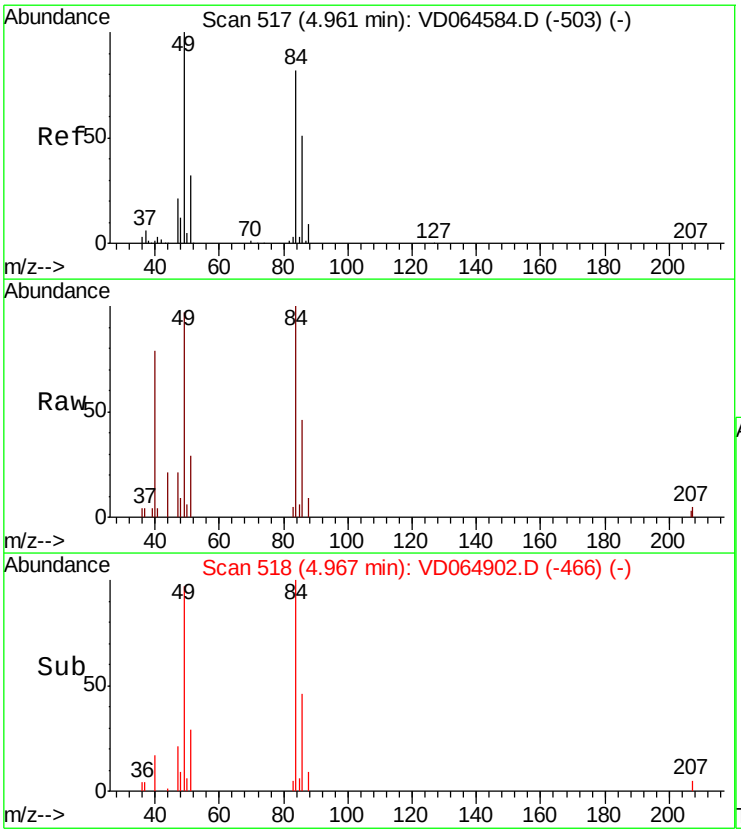
#16
Acetone
Concen: 9.929 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.00 min
Lab File: VD064902.D
Acq: 21 Jan 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 5929

Ion	Ratio	Lower	Upper
43	100		
58	26.0	25.8	38.6

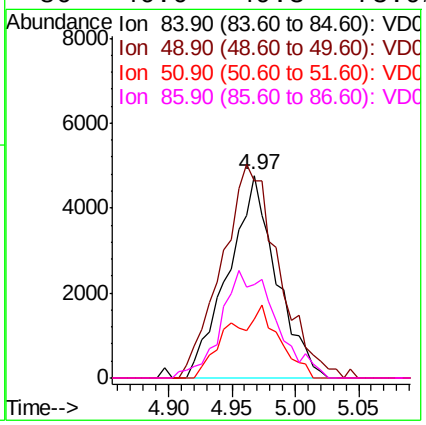


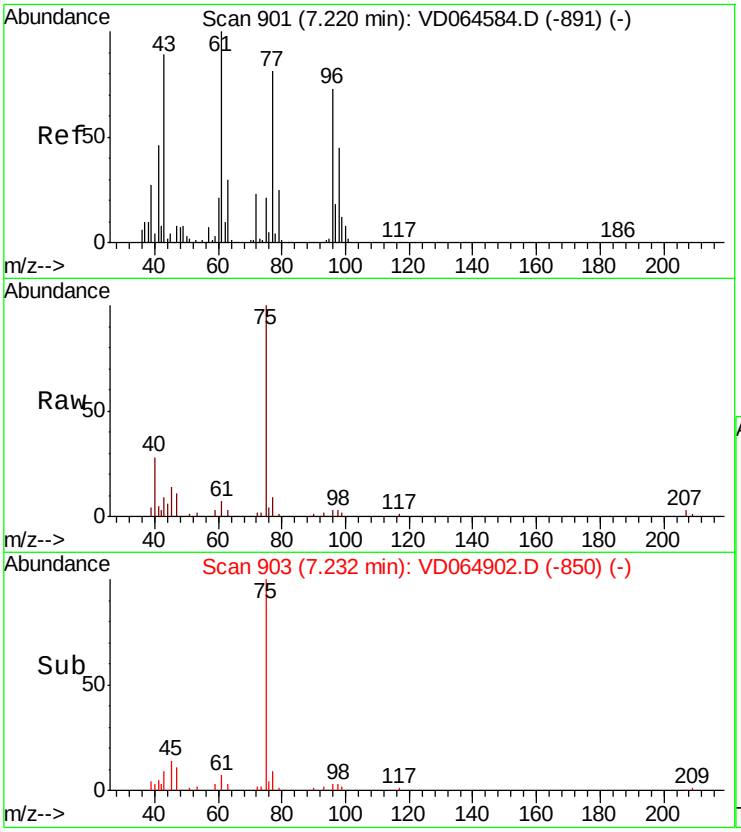


#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064902.D
Acq: 21 Jan 2020 10:03

Tgt Ion: 84 Resp: 12643

Ion	Ratio	Lower	Upper
84	100		
49	92.9	97.2	145.8#
51	29.3	31.4	47.0#
86	46.0	49.3	73.9#



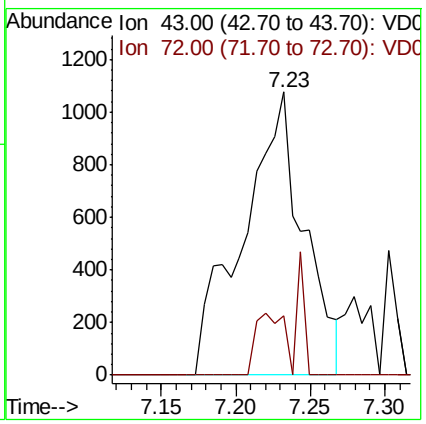


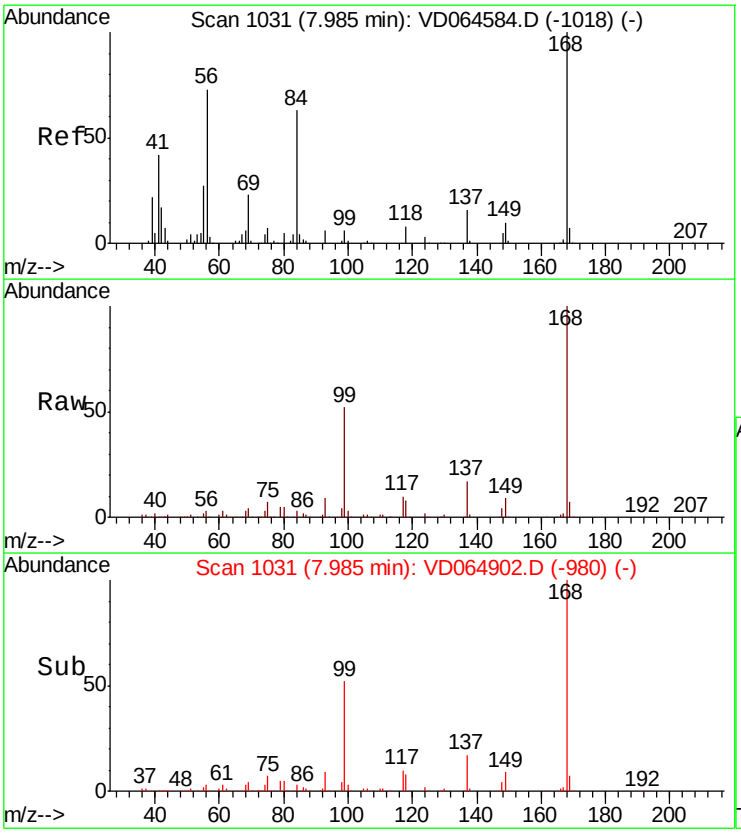
#25
2-Butanone
Concen: 2.551 ug/l
RT: 7.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD064902.D
Acq: 21 Jan 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 3028

Ion	Ratio	Lower	Upper
43	100		
72	21.1	20.7	31.1

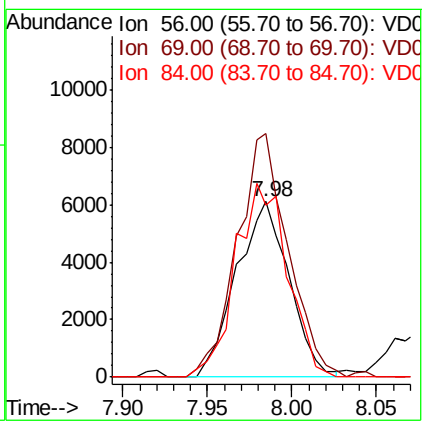


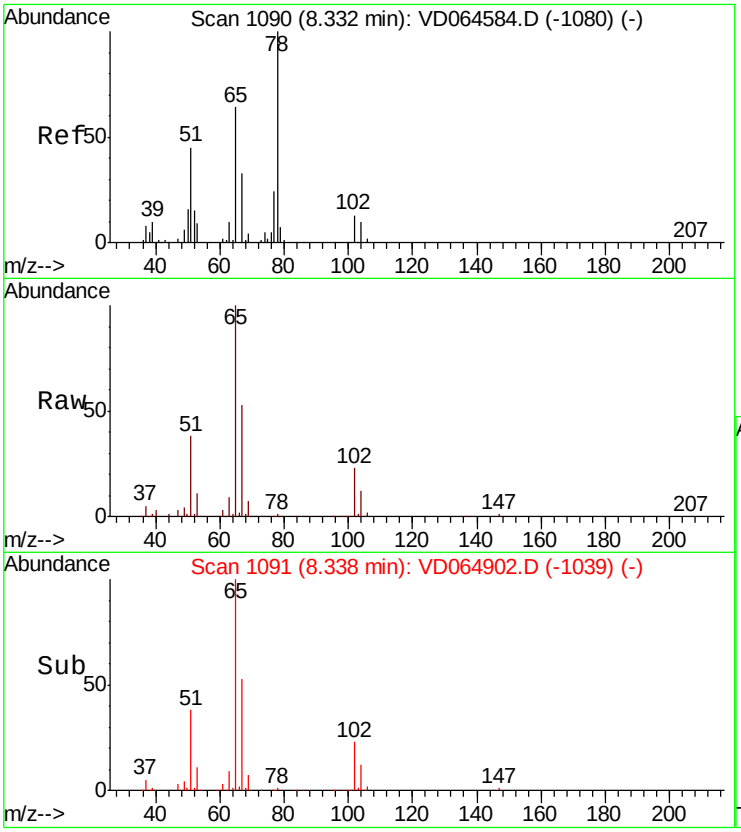


#31
Cyclohexane
Concen: 1.648 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064902.D
Acq: 21 Jan 2020 10:03

Tgt Ion: 56 Resp: 13273

Ion	Ratio	Lower	Upper
56	100		
69	138.7	24.7	37.1#
84	97.6	69.4	104.2



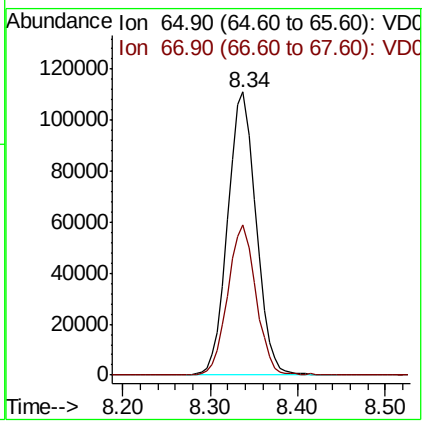


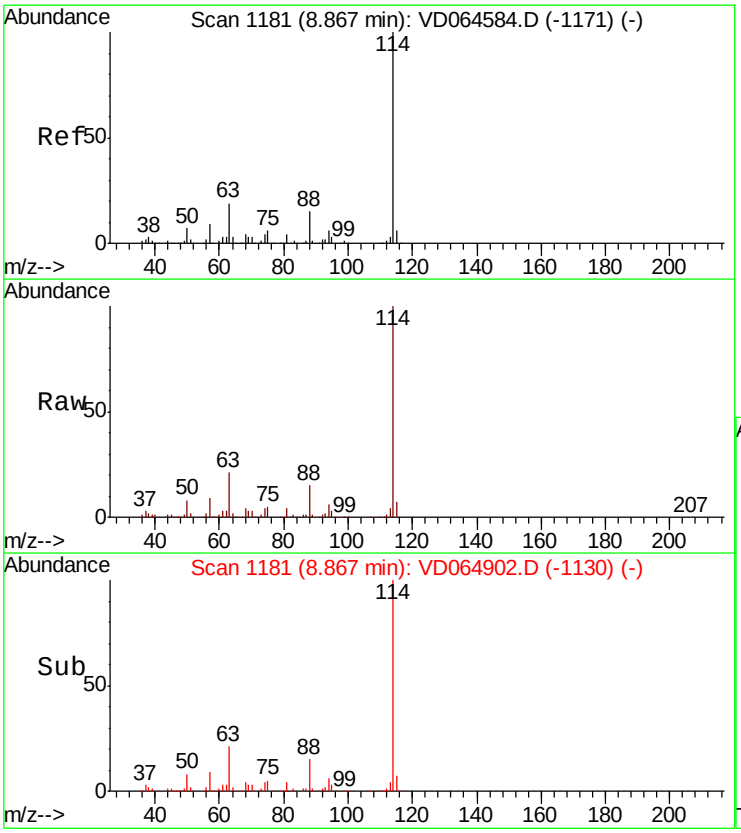
#33
1,2-Dichloroethane-d4
Concen: 56.462 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064902.D
Acq: 21 Jan 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 243853

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	106.2

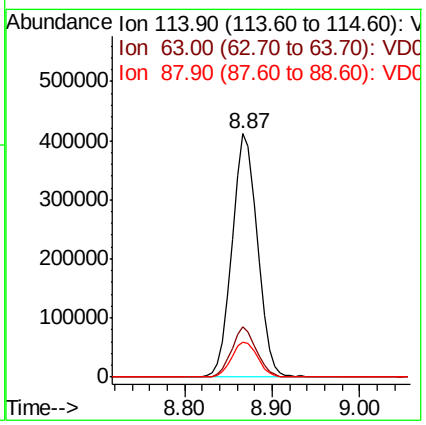


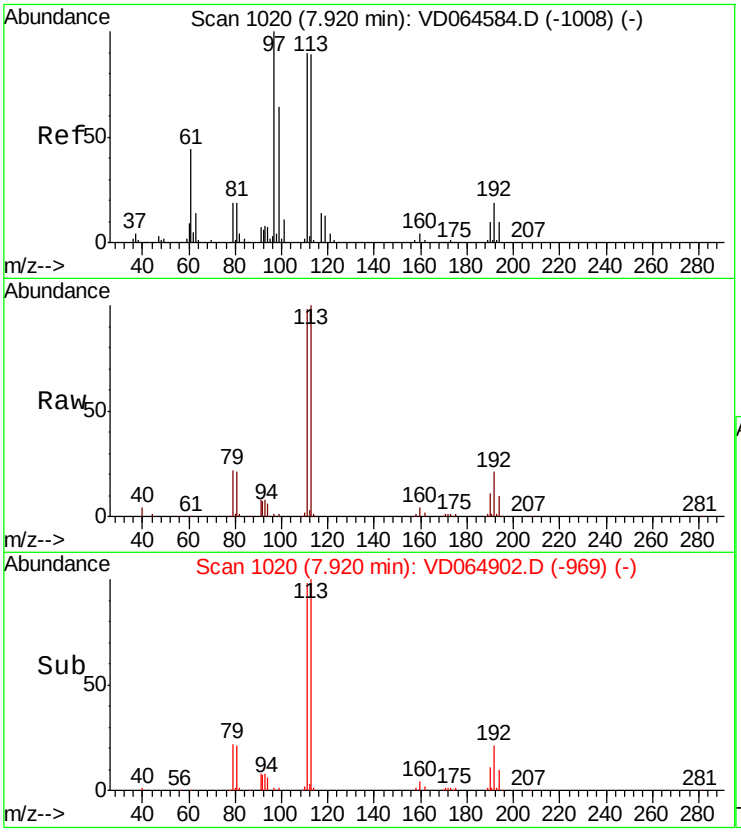


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064902.D
Acq: 21 Jan 2020 10:03

Tgt Ion:114 Resp: 805190

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	38.0
88	14.6	0.0	29.2



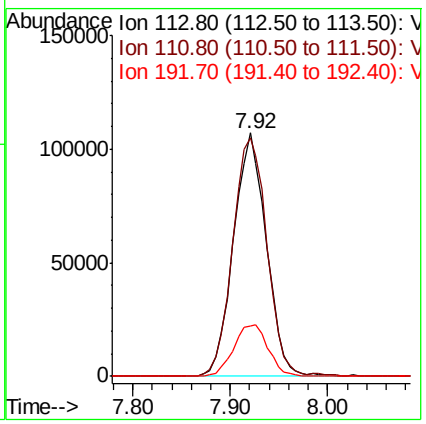


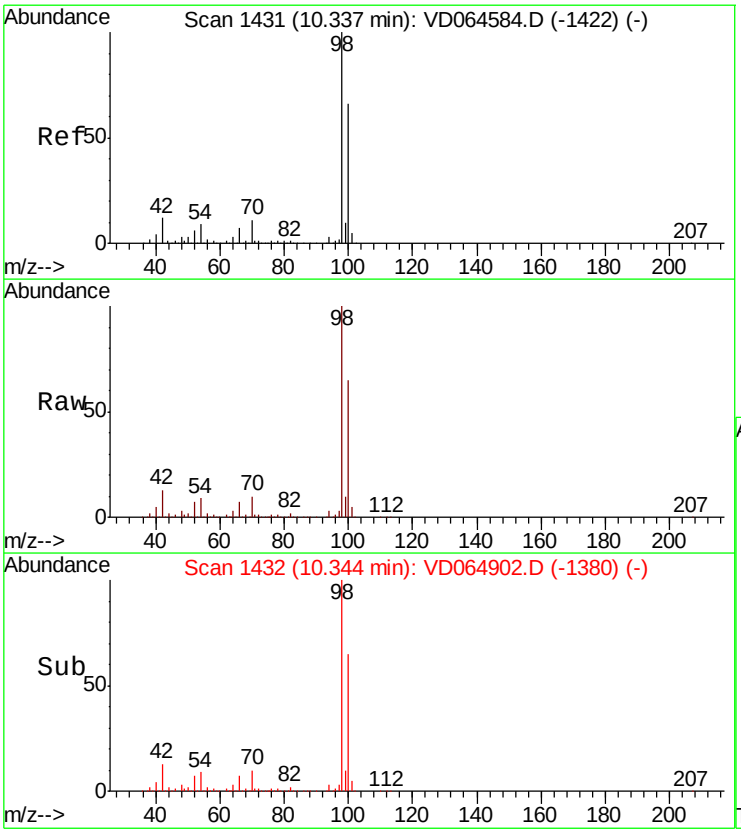
#35
Dibromofluoromethane
Concen: 50.578 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064902.D
Acq: 21 Jan 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 249856

Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.6	121.0
192	22.2	17.9	26.9

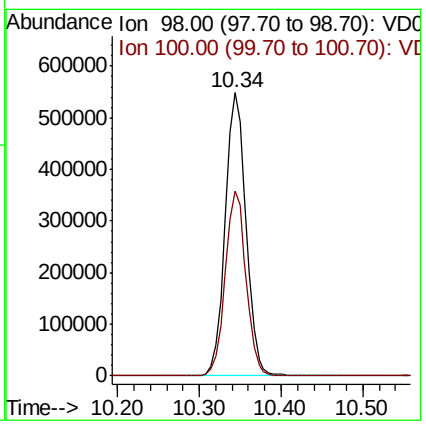


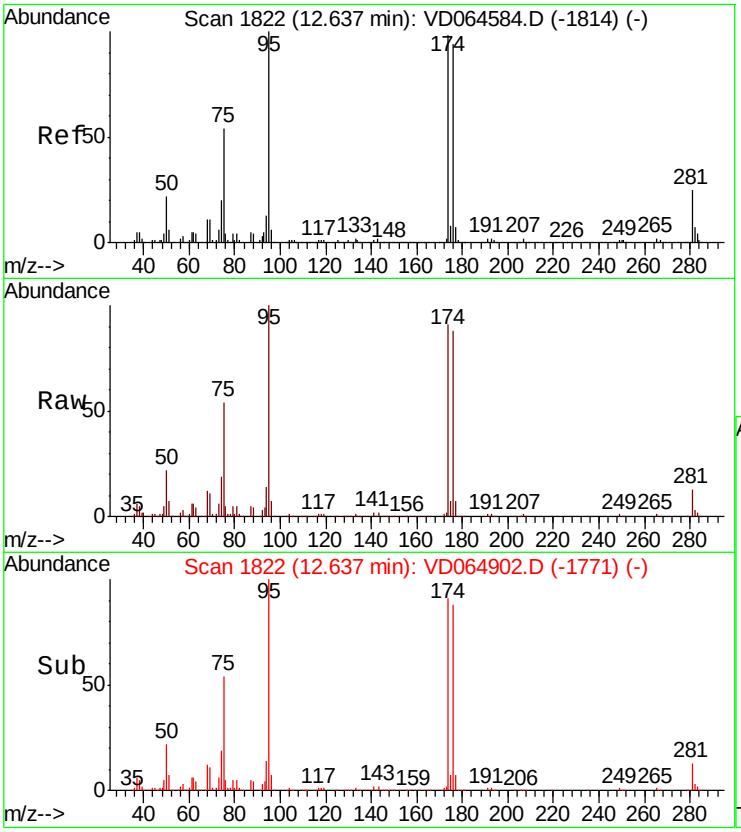


#50
Toluene-d8
Concen: 51.505 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064902.D
Acq: 21 Jan 2020 10:03

Tgt Ion: 98 Resp: 974459

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.7	77.5



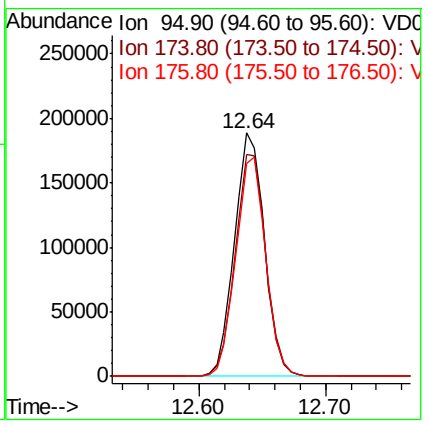


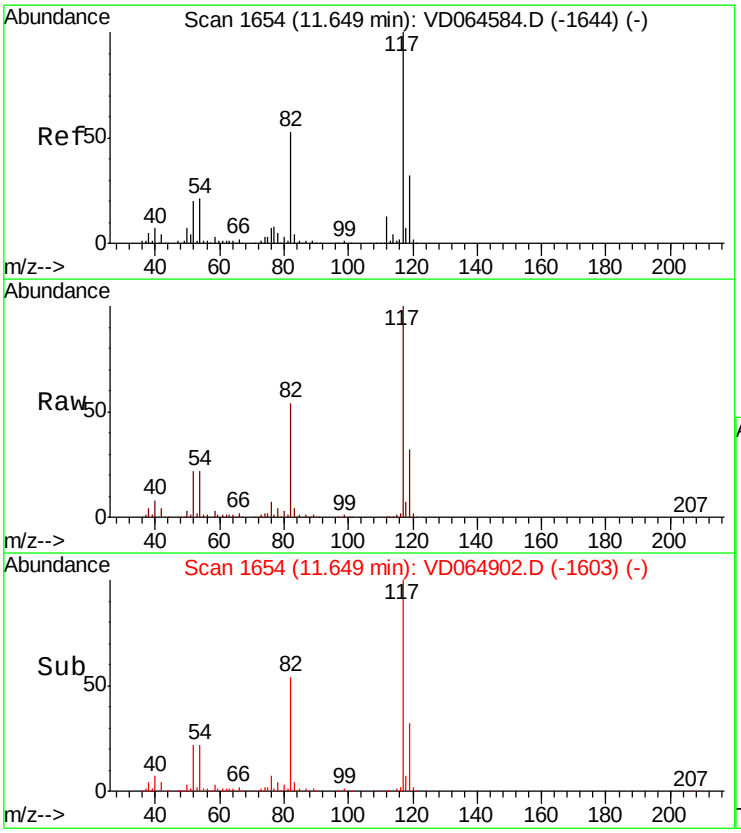
#62
4-Bromofluorobenzene
Concen: 51.637 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064902.D
Acq: 21 Jan 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 308925

Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	193.2
176	89.8	0.0	184.2

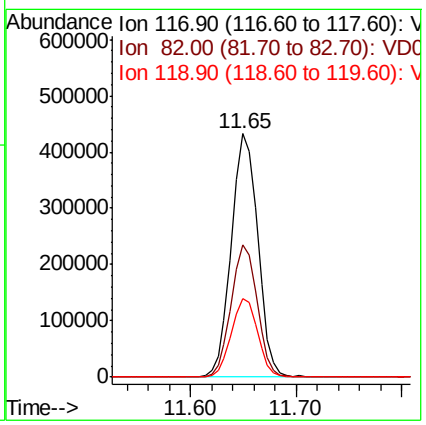


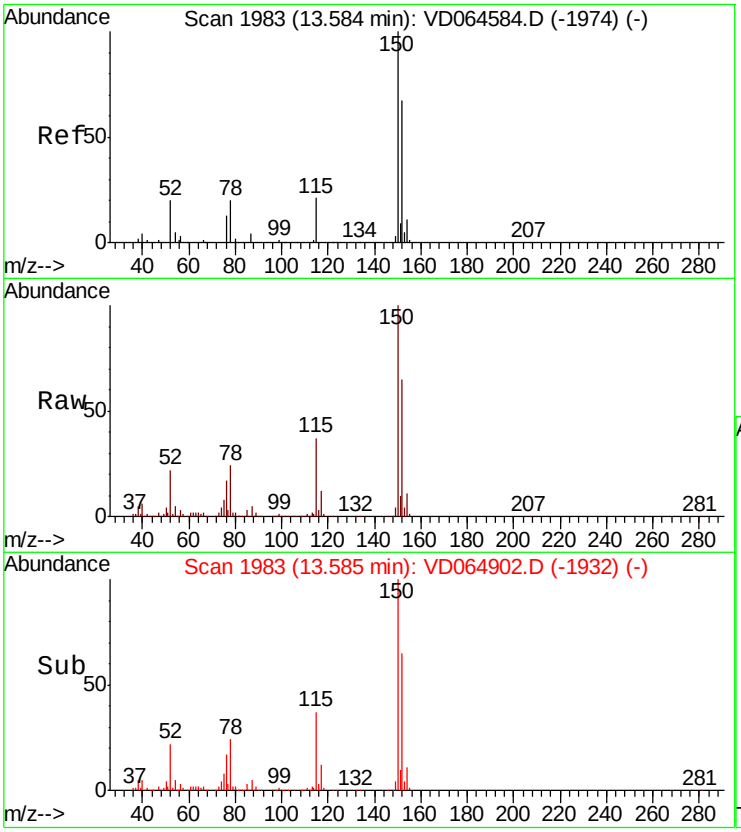


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064902.D
Acq: 21 Jan 2020 10:03

Tgt Ion:117 Resp: 750128

Ion	Ratio	Lower	Upper
117	100		
82	54.4	42.2	63.4
119	32.2	26.0	39.0



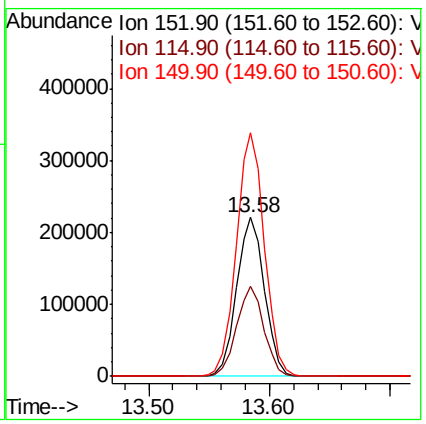


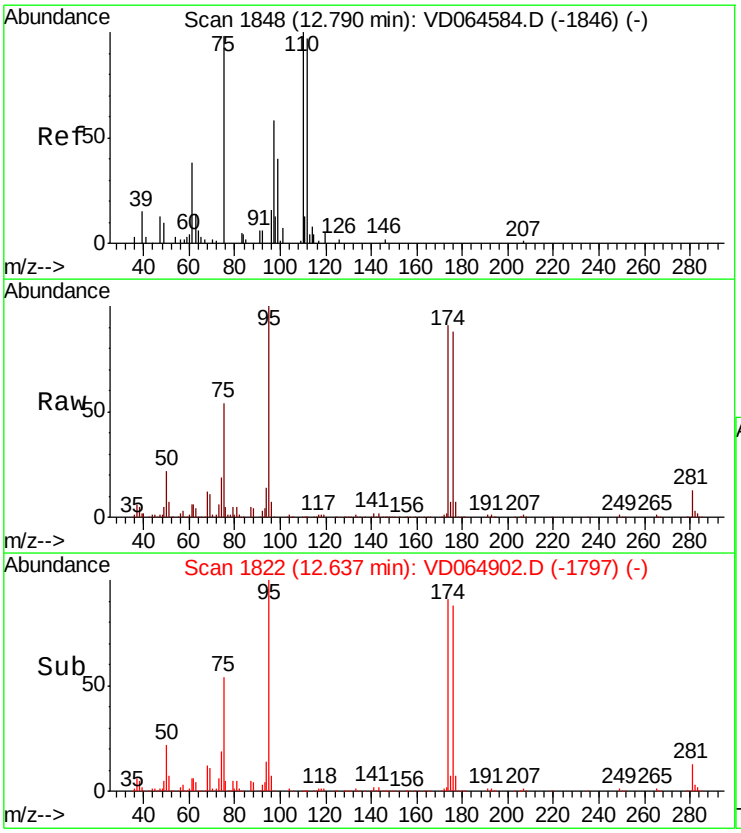
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064902.D
Acq: 21 Jan 2020 10:03

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 354245

Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.8	83.4
150	154.2	0.0	351.4

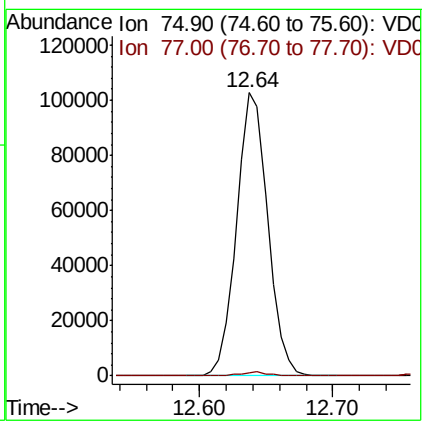


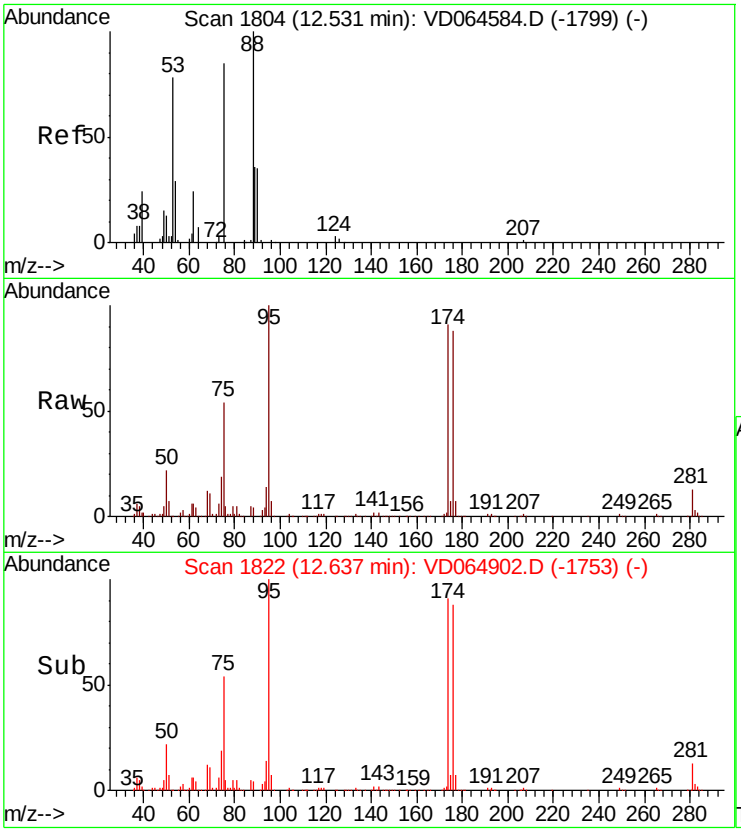


#76
1,2,3-Trichloropropane
Concen: 59.163 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064902.D
Acq: 21 Jan 2020 10:03

Tgt Ion: 75 Resp: 165498

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 123.737 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD064902.D
Acq: 21 Jan 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 165498

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.8	118.2#
89	0.0	38.3	57.5#