Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD022820\
Data File : VD065365.D
Acq On : 28 Feb 2020 18:13
Operator : VA/SY
Sample : L1741-01
Misc : 7.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-1

Quant Time: Feb 28 21:57:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	556412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	947316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	852789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.59	152	382759	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	287682	57.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.94%			
35) Dibromofluoromethane	7.92	113	302482	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.74%			
50) Toluene-d8	10.34	98	1138119	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.08%			
62) 4-Bromofluorobenzene	12.64	95	337084	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.38%			
Target Compounds						Qvalue
13) Acrolein	3.64	56	162	Below Cal	#	73
16) Acetone	4.17	43	1415	1.156	ug/l #	42
20) Methylene Chloride	4.97	84	14472	Below Cal	#	84
31) Cyclohexane	7.99	56	10898	1.107	ug/l #	1
36) 1,1-Dichloropropene	7.99	75	41133	4.463	ug/l #	49
38) Carbon Tetrachloride	7.99	117	51337	5.471	ug/l #	16
51) 4-Methyl-2-Pentanone	10.34	43	4704	1.322	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	166806	51.221	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	166806	110.594	ug/l #	11

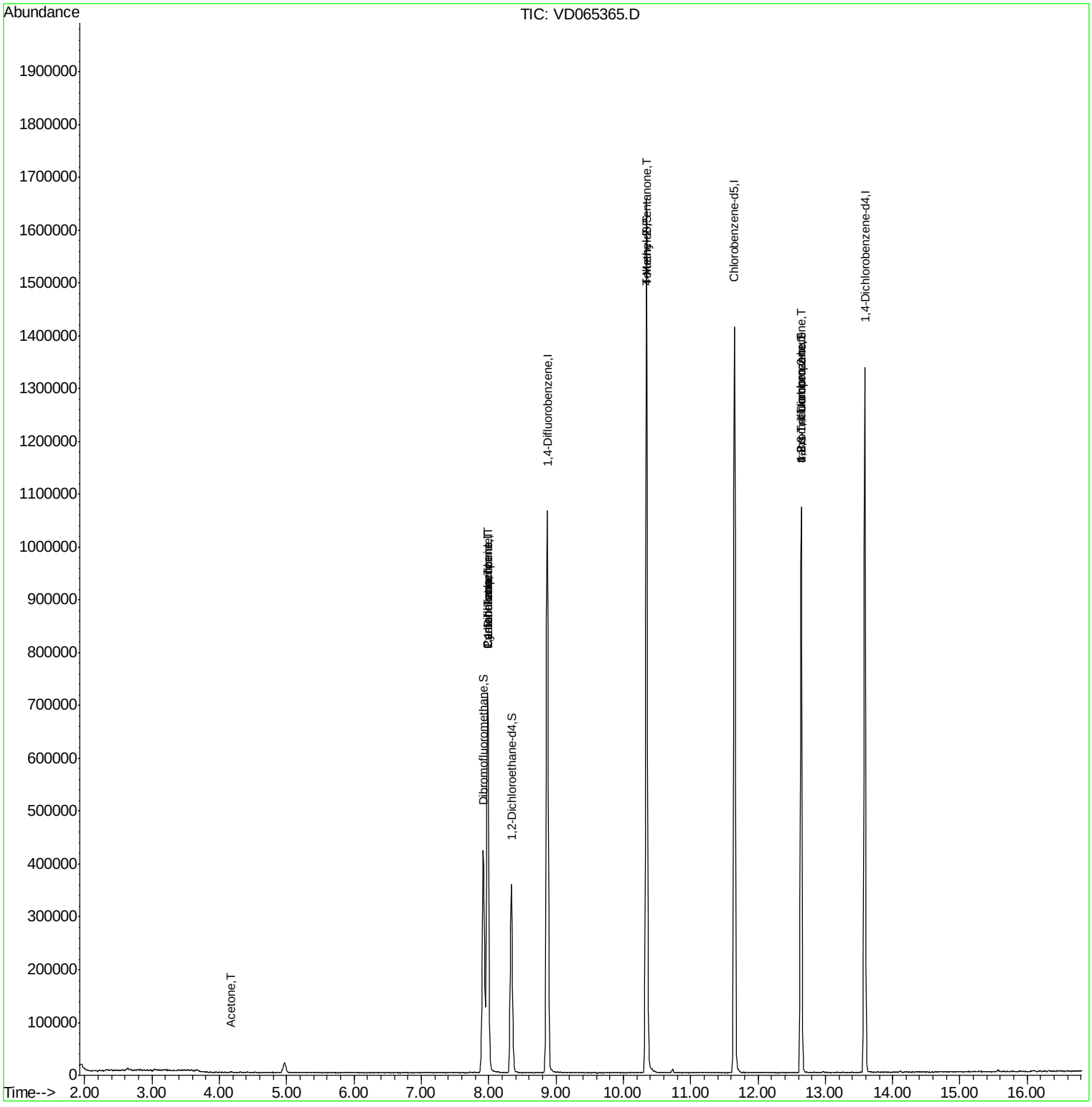
(#) = qualifier out of range (m) = manual integration (+) = signals summed

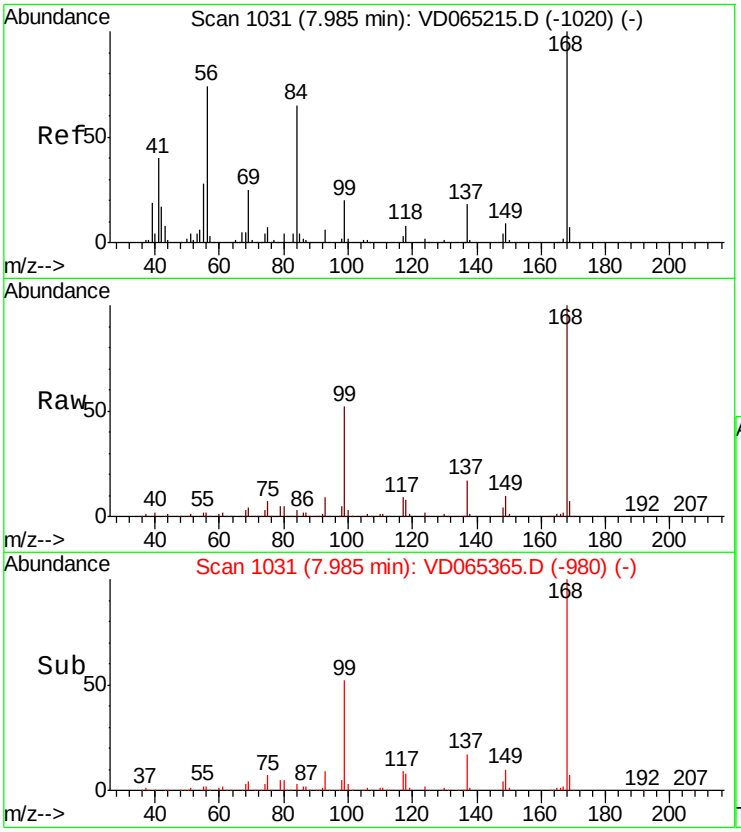
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD022820\
Data File : VD065365.D
Acq On : 28 Feb 2020 18:13
Operator : VA/SY
Sample : L1741-01
Misc : 7.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-1

Quant Time: Feb 28 21:57:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration



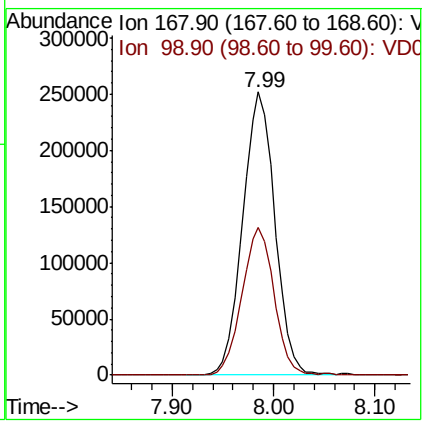


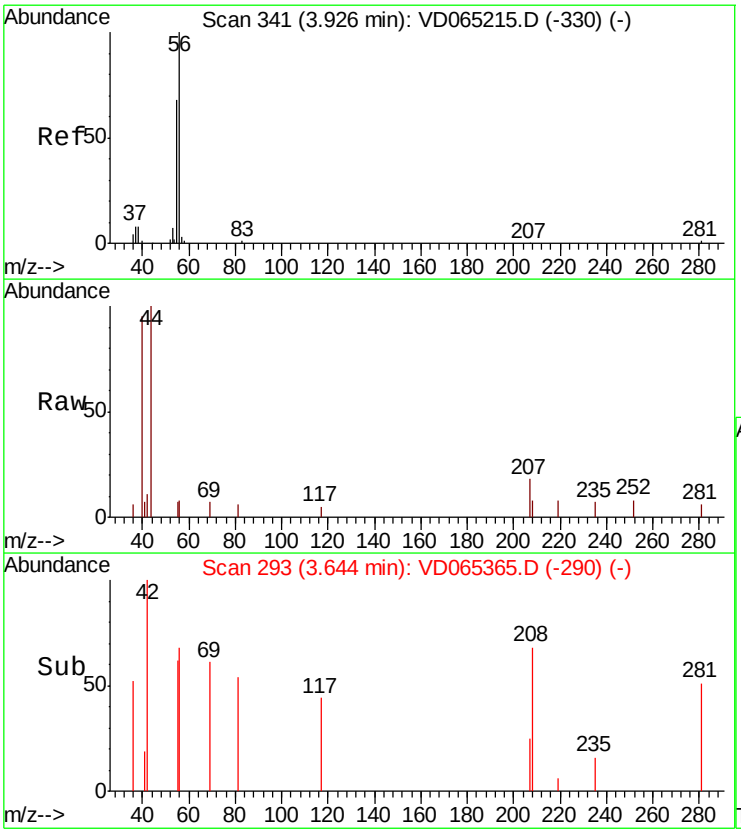
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065365.D
Acq: 28 Feb 2020 18:13

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion:168 Resp: 556412

Ion	Ratio	Lower	Upper
168	100		
99	52.3	41.4	62.2

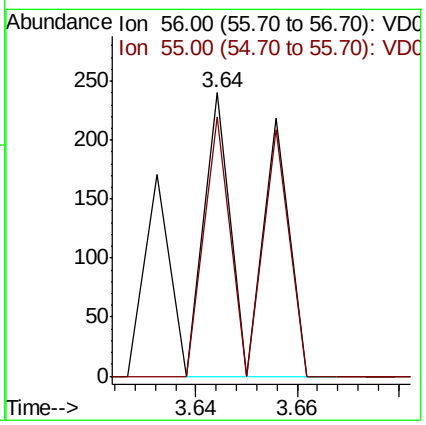


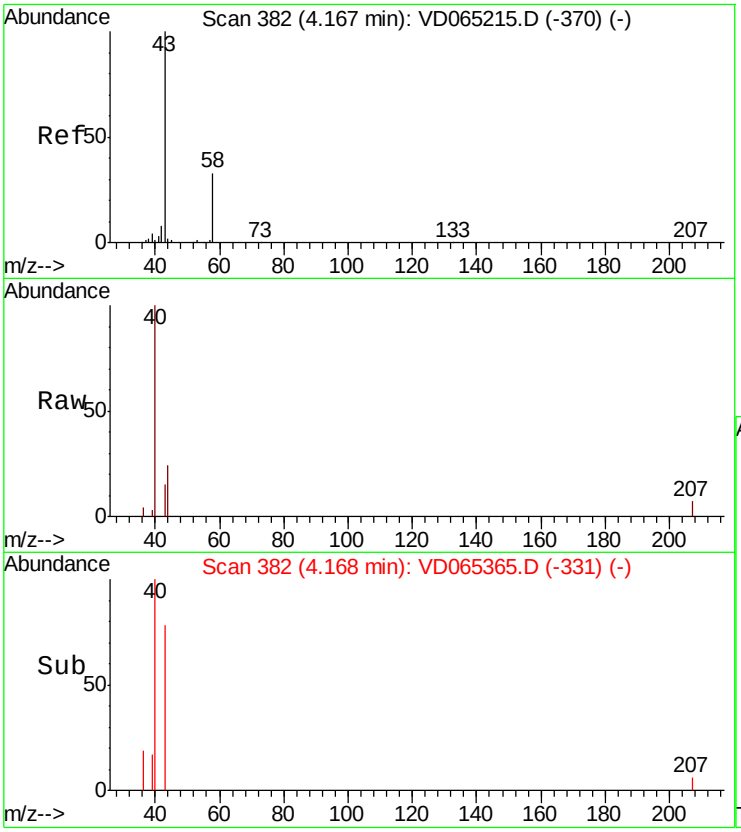


#13
Acrolein
Concen: Below Cal
RT: 3.64 min Scan# 293
Delta R.T. -0.28 min
Lab File: VD065365.D
Acq: 28 Feb 2020 18:13

Tgt Ion: 56 Resp: 162

Ion	Ratio	Lower	Upper
56	100		
55	93.2	56.6	85.0#



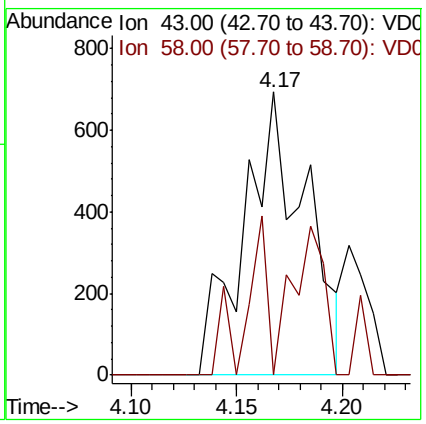


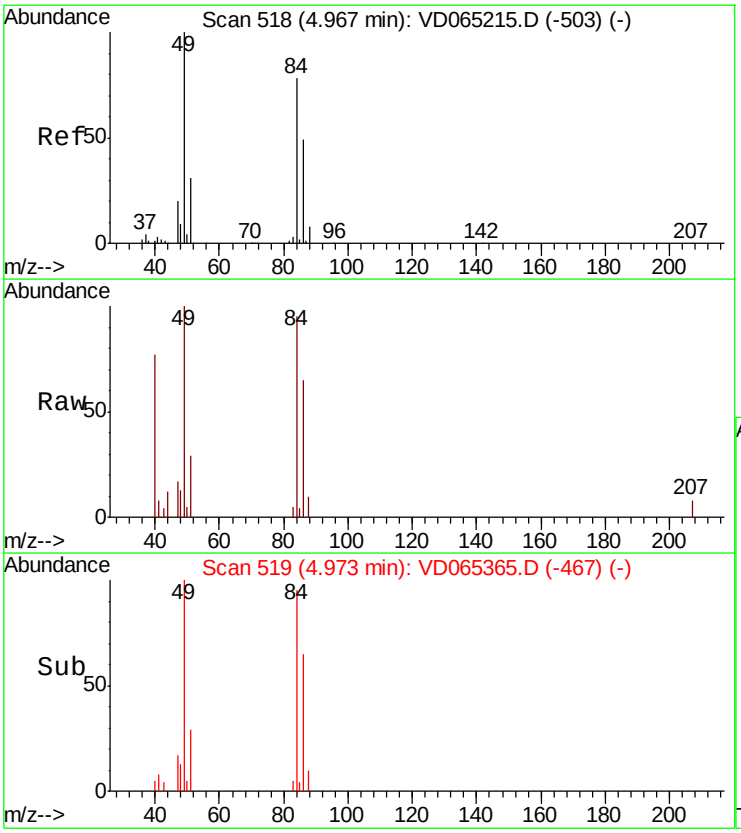
#16
Acetone
Concen: 1.156 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.00 min
Lab File: VD065365.D
Acq: 28 Feb 2020 18:13

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion: 43 Resp: 1415

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.2	39.2#

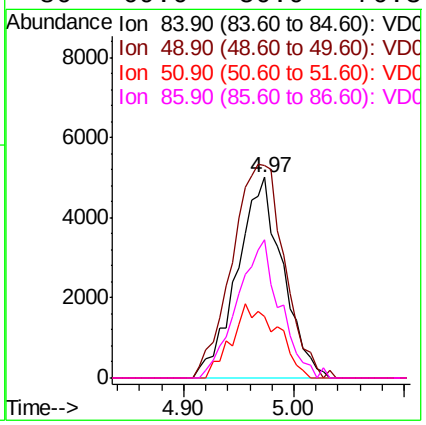


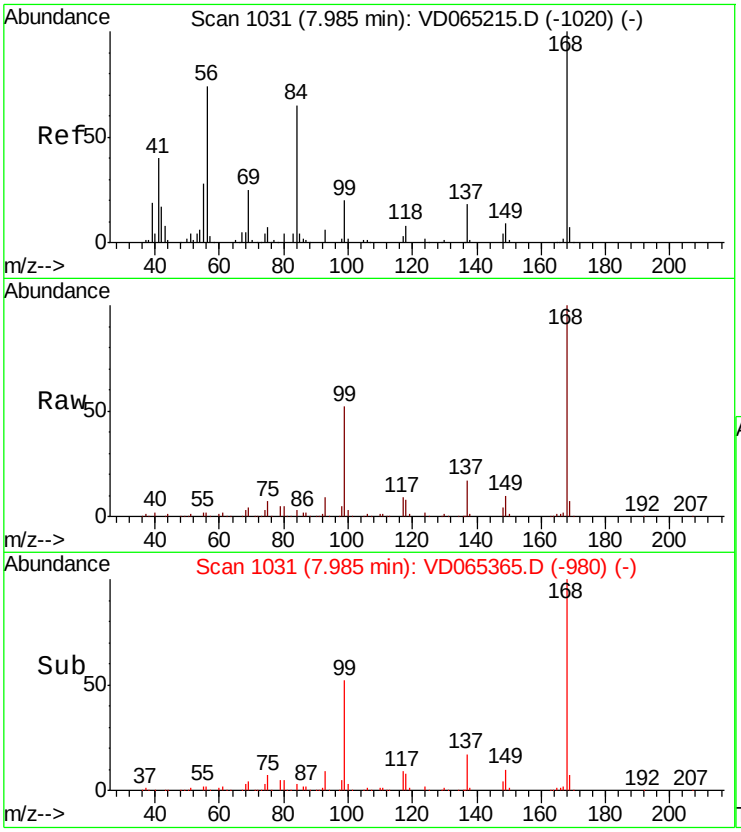


#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD065365.D
Acq: 28 Feb 2020 18:13

Tgt Ion: 84 Resp: 14472

Ion	Ratio	Lower	Upper
84	100		
49	105.7	103.1	154.7
51	30.5	31.7	47.5#
86	69.0	50.9	76.3



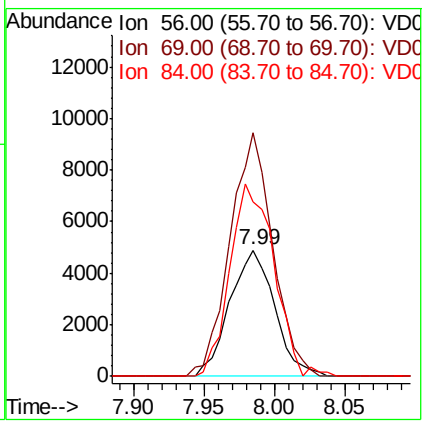


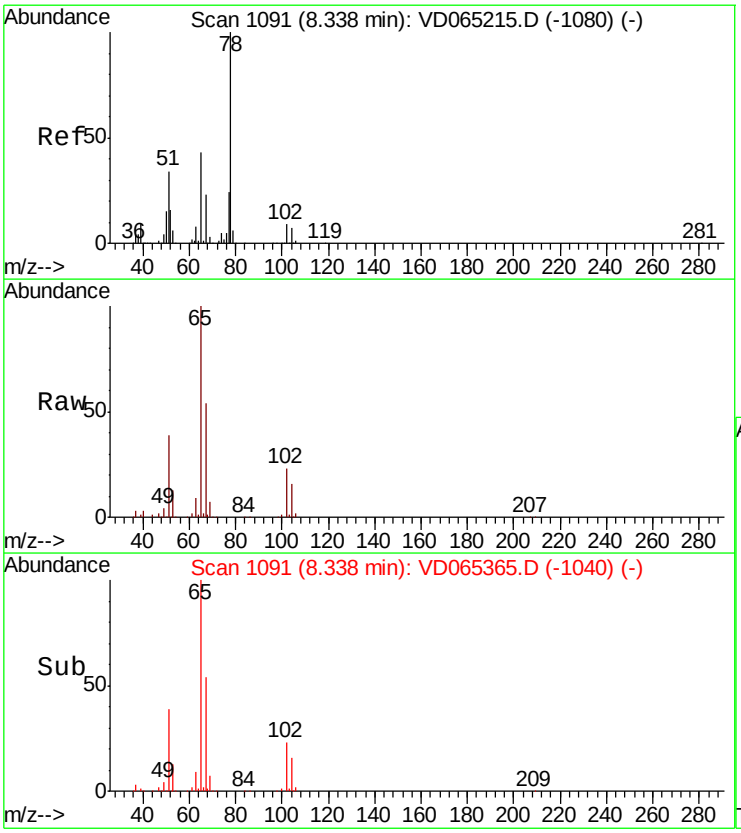
#31
Cyclohexane
Concen: 1.107 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065365.D
Acq: 28 Feb 2020 18:13

Instrument : MSVOA_D
ClientSampleId : TP-1

Tgt Ion: 56 Resp: 10898

Ion	Ratio	Lower	Upper
56	100		
69	193.2	27.4	41.0#
84	138.4	71.1	106.7#

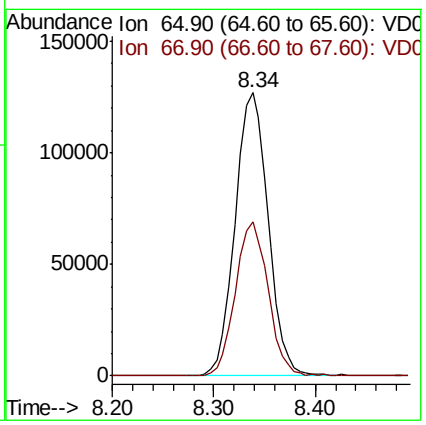


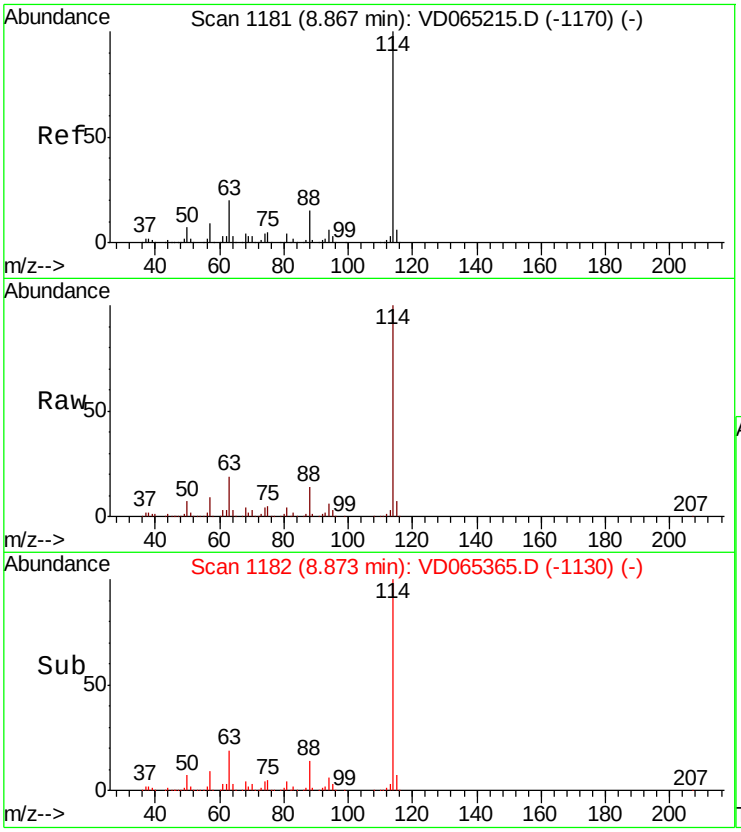


#33
1,2-Dichloroethane-d4
Concen: 57.473 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065365.D
Acq: 28 Feb 2020 18:13

Tgt Ion: 65 Resp: 287682

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	106.8



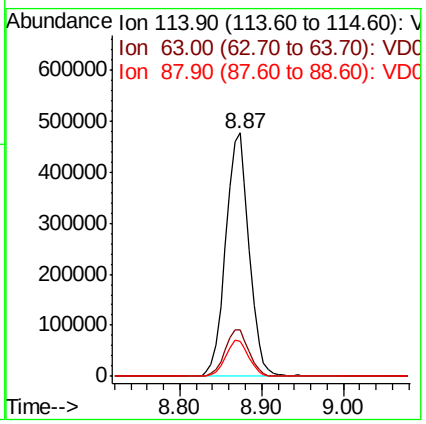


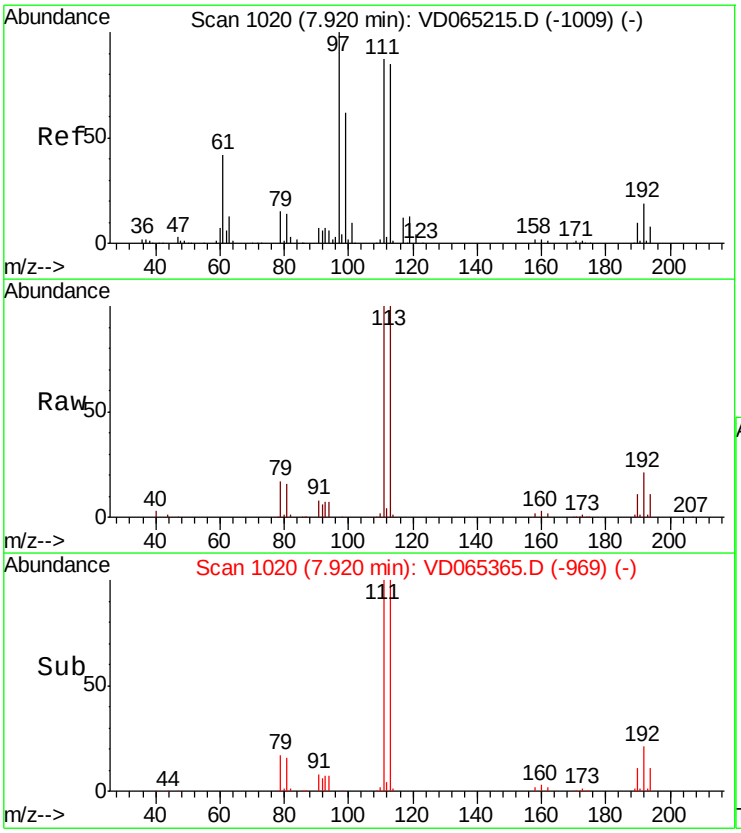
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VD065365.D
Acq: 28 Feb 2020 18:13

Instrument : MSVOA_D
ClientSampleId : TP-1

Tgt Ion:114 Resp: 947316

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.4
88	14.4	0.0	30.4

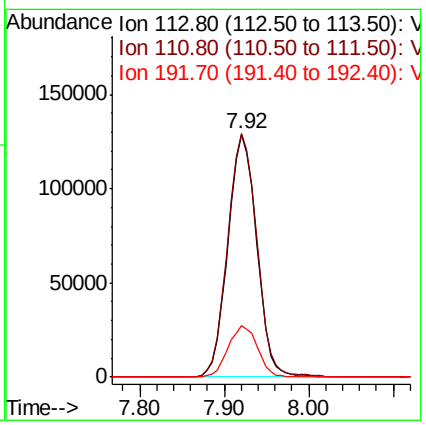


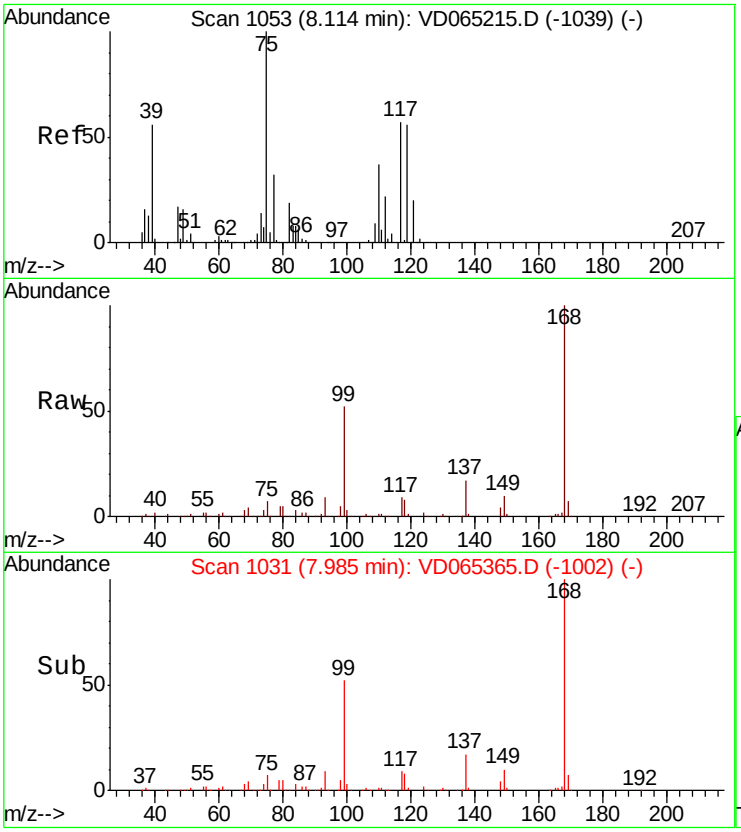


#35
Dibromofluoromethane
Concen: 52.367 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065365.D
Acq: 28 Feb 2020 18:13

Tgt Ion:113 Resp: 302482

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.9	124.3
192	21.5	17.3	25.9



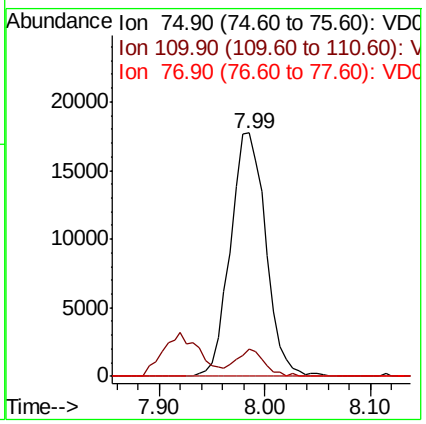


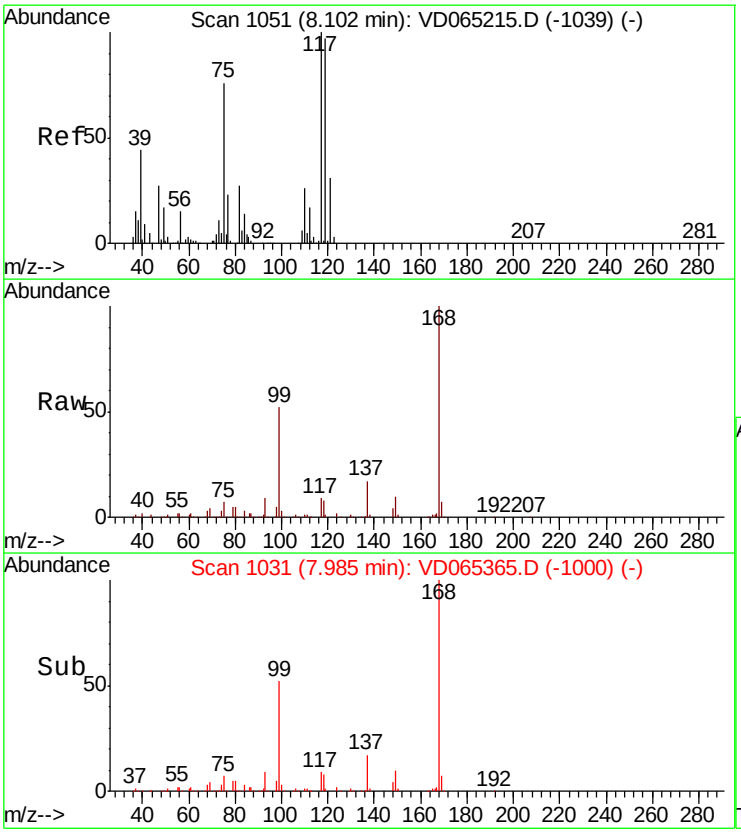
#36
1,1-Dichloropropene
Concen: 4.463 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.13 min
Lab File: VD065365.D
Acq: 28 Feb 2020 18:13

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion: 75 Resp: 41133

Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.9	53.7#
77	0.0	25.1	37.7#

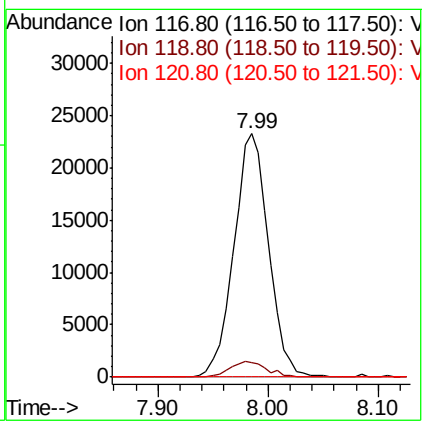


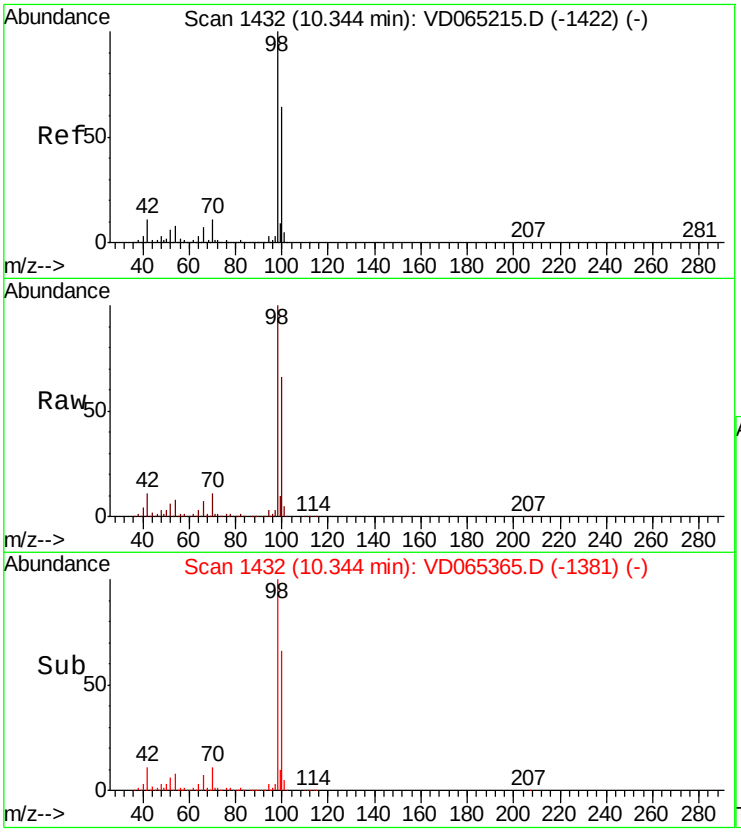


#38
Carbon Tetrachloride
Concen: 5.471 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD065365.D
Acq: 28 Feb 2020 18:13

Tgt Ion:117 Resp: 51337

Ion	Ratio	Lower	Upper
117	100		
119	6.1	77.6	116.4#
121	0.0	24.8	37.2#



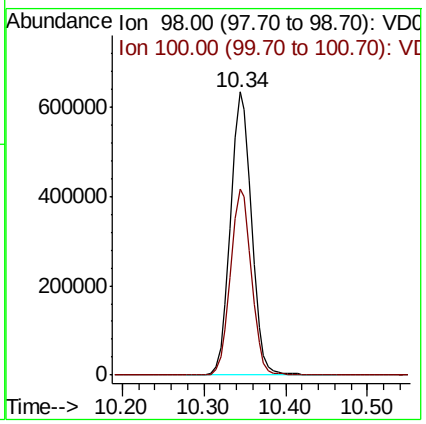


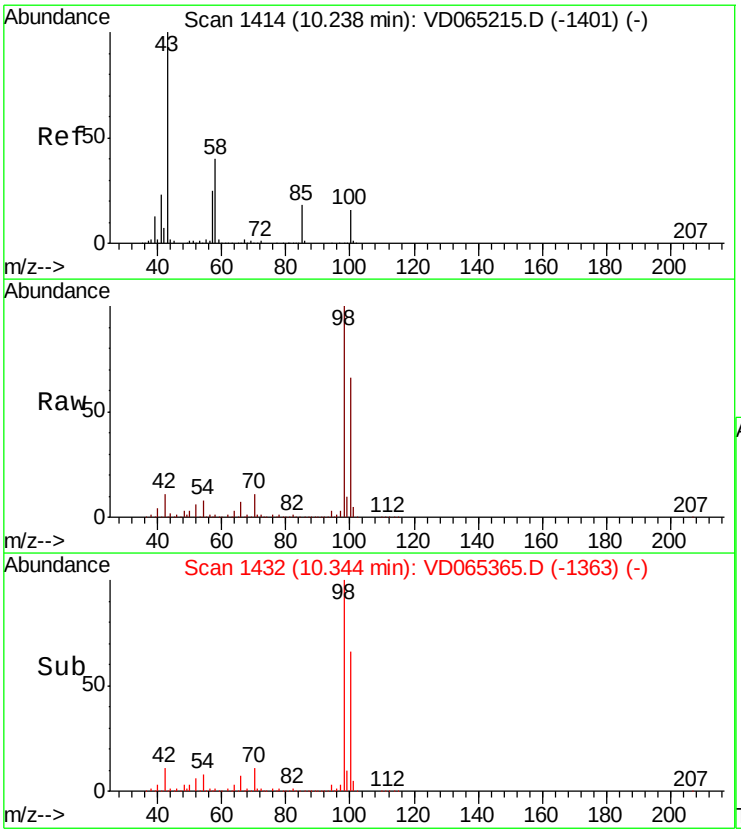
#50
Toluene-d8
Concen: 51.541 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065365.D
Acq: 28 Feb 2020 18:13

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion: 98 Resp: 1138119

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.0	78.0

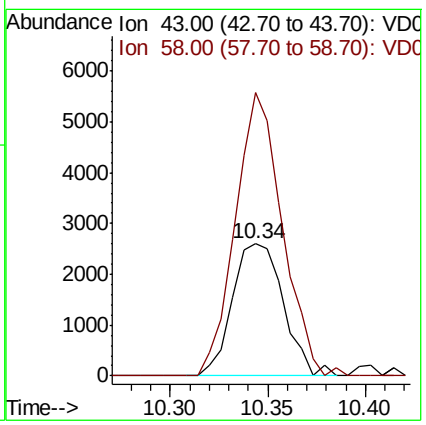


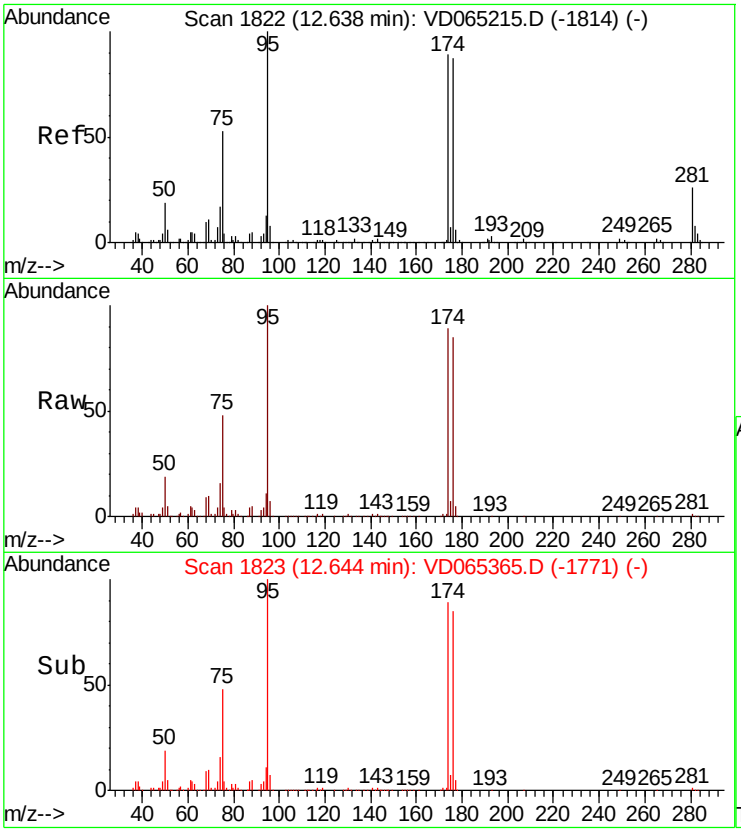


#51
4-Methyl-2-Pentanone
Concen: 1.322 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.11 min
Lab File: VD065365.D
Acq: 28 Feb 2020 18:13

Tgt Ion: 43 Resp: 4704

Ion	Ratio	Lower	Upper
43	100		
58	197.0	31.1	46.7#



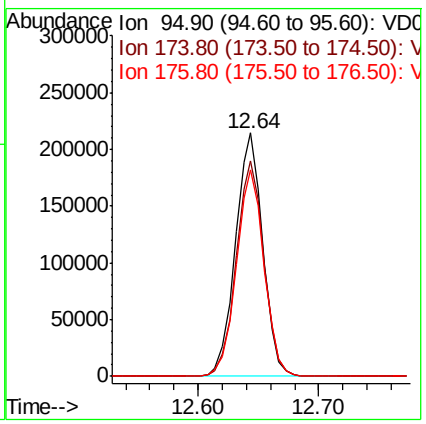


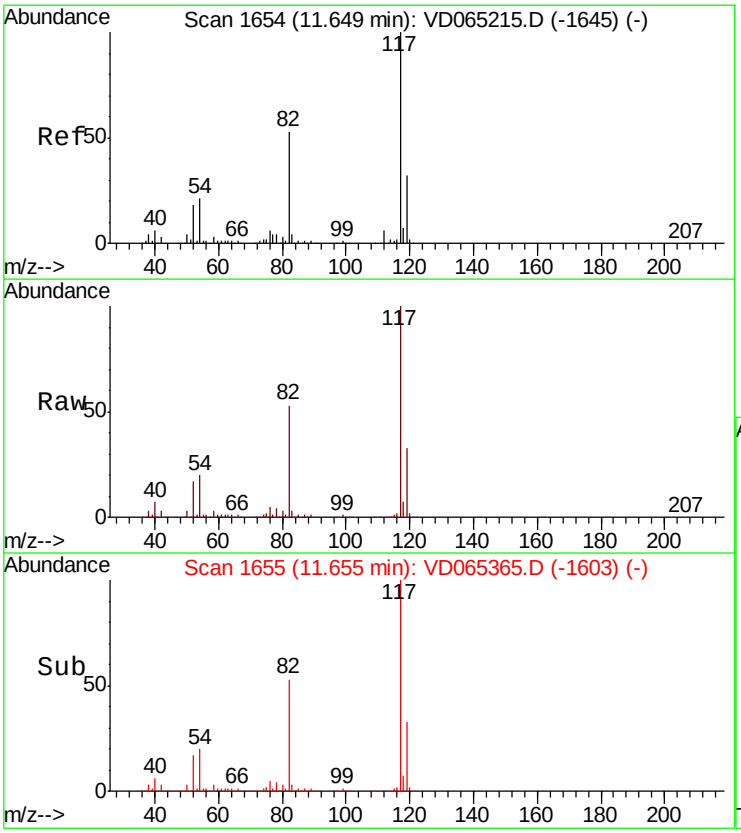
#62
4-Bromofluorobenzene
Concen: 48.187 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065365.D
Acq: 28 Feb 2020 18:13

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion: 95 Resp: 337084

Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	178.0
176	86.0	0.0	174.4

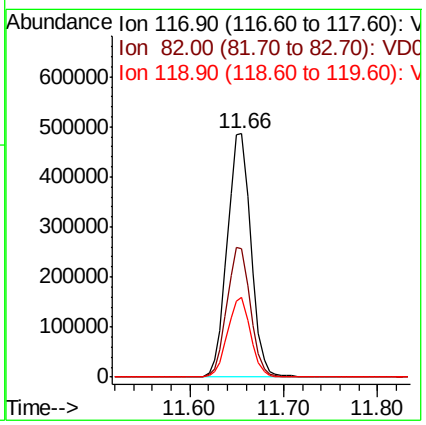


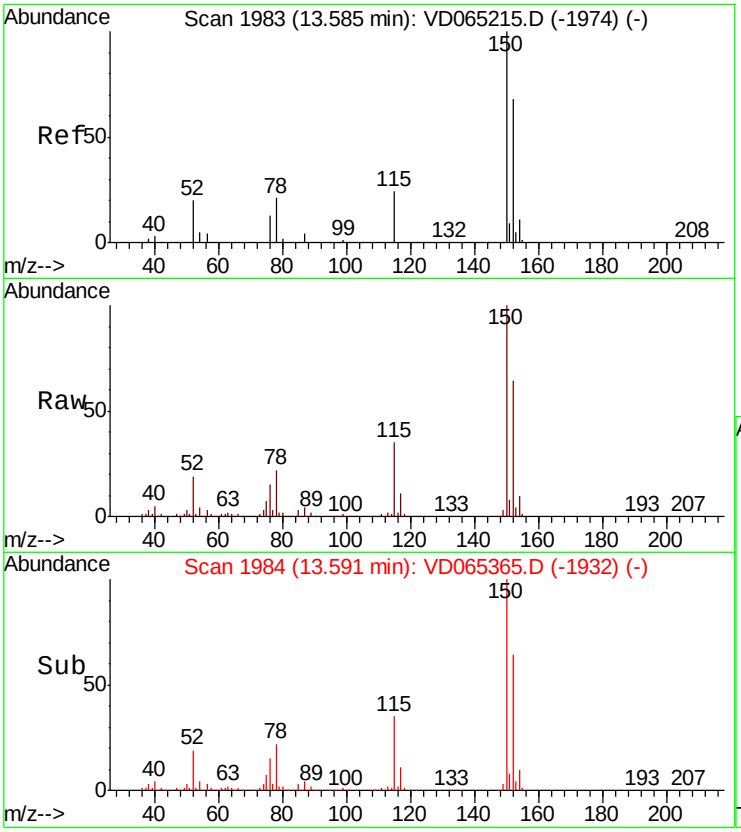


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.66 min Scan# 1655
Delta R.T. 0.01 min
Lab File: VD065365.D
Acq: 28 Feb 2020 18:13

Tgt Ion:117 Resp: 852789

Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.7	64.1
119	32.8	25.5	38.3



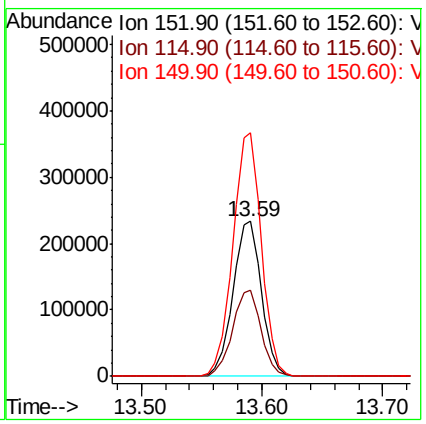


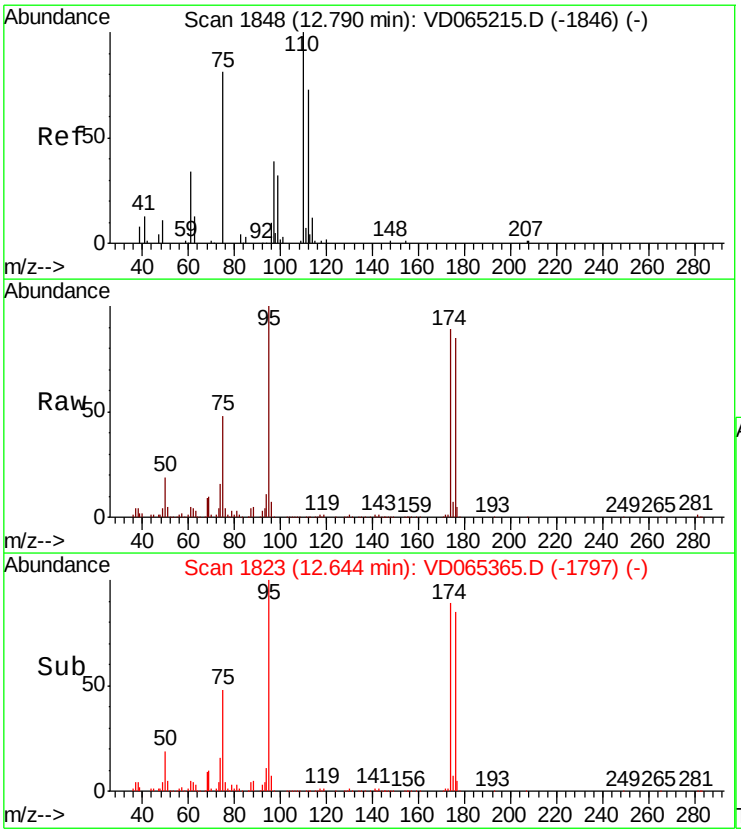
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.59 min Scan# 1984
Delta R.T. 0.01 min
Lab File: VD065365.D
Acq: 28 Feb 2020 18:13

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 382759

Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.6	82.8
150	157.3	0.0	347.4

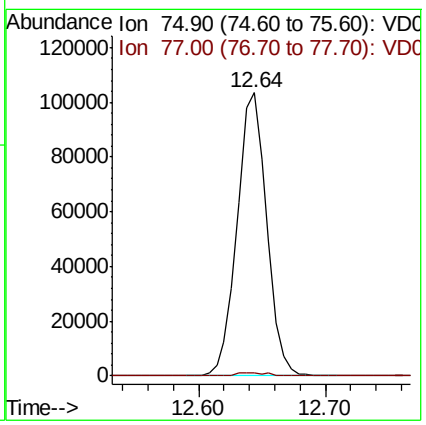


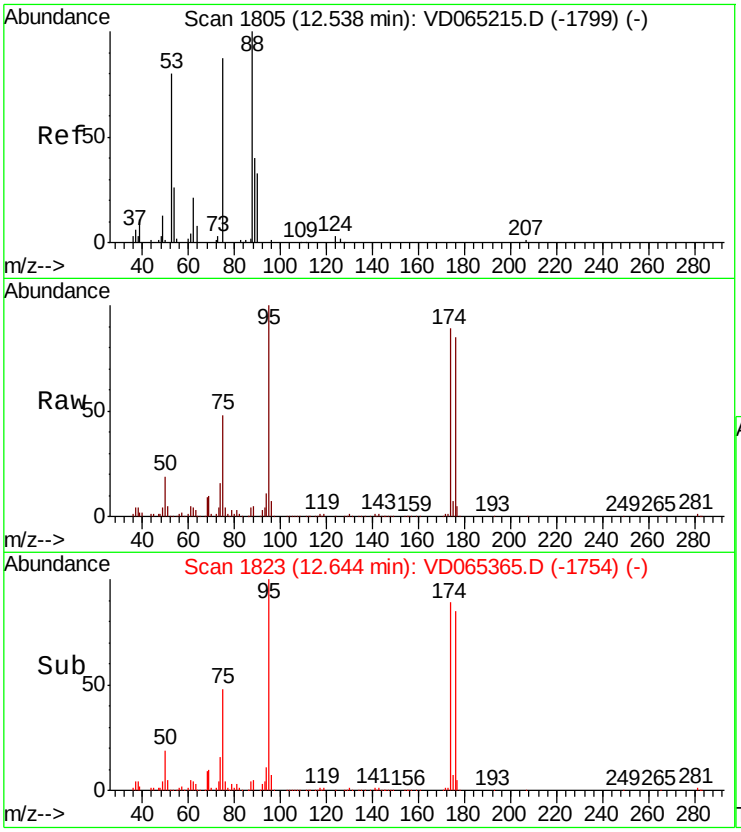


#76
1,2,3-Trichloropropane
Concen: 51.221 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. -0.15 min
Lab File: VD065365.D
Acq: 28 Feb 2020 18:13

Tgt Ion: 75 Resp: 166806

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 110.594 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.11 min
Lab File: VD065365.D
Acq: 28 Feb 2020 18:13

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion: 75 Resp: 166806

Ion	Ratio	Lower	Upper
75	100		
53	0.2	77.6	116.4#
89	0.1	37.2	55.8#