Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD090920\
Data File : VD066578.D
Acq On : 09 Sep 2020 12:57
Operator : VA/SY
Sample : L3923-07
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : BP-VPB181-GW-878-880

Quant Time: Sep 09 13:59:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	292167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	514099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	468456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	192958	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	192415	54.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.86%			
35) Dibromofluoromethane	7.91	113	181739	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.80%			
50) Toluene-d8	10.34	98	617535	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.64%			
62) 4-Bromofluorobenzene	12.63	95	207735	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	1667	Below Cal		99
3) Chloromethane	2.21	50	7466	2.021	ug/l	94
5) Bromomethane	2.77	94	2286	Below Cal #		63
10) Methyl Iodide	4.30	142	1843	4.590	ug/l #	68
11) Tert butyl alcohol	5.20	59	598	Below Cal #		74
16) Acetone	4.16	43	9413	14.472	ug/l #	62
17) Carbon Disulfide	4.40	76	12651	1.307	ug/l #	91
20) Methylene Chloride	4.97	84	19807	Below Cal #		90
25) 2-Butanone	7.20	43	1835	2.102	ug/l #	82
29) Tetrahydrofuran	7.57	42	630	1.159	ug/l #	35
31) Cyclohexane	7.98	56	10545	1.829	ug/l #	38
51) 4-Methyl-2-Pentanone	10.23	43	2229	1.083	ug/l	92
68) m/p-Xylenes	11.86	106	7934	1.204	ug/l	89
74) N-amyl acetate	12.27	43	3344	1.033	ug/l #	74
76) 1,2,3-Trichloropropane	12.64	75	121544	65.496	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	121544	152.911	ug/l #	7

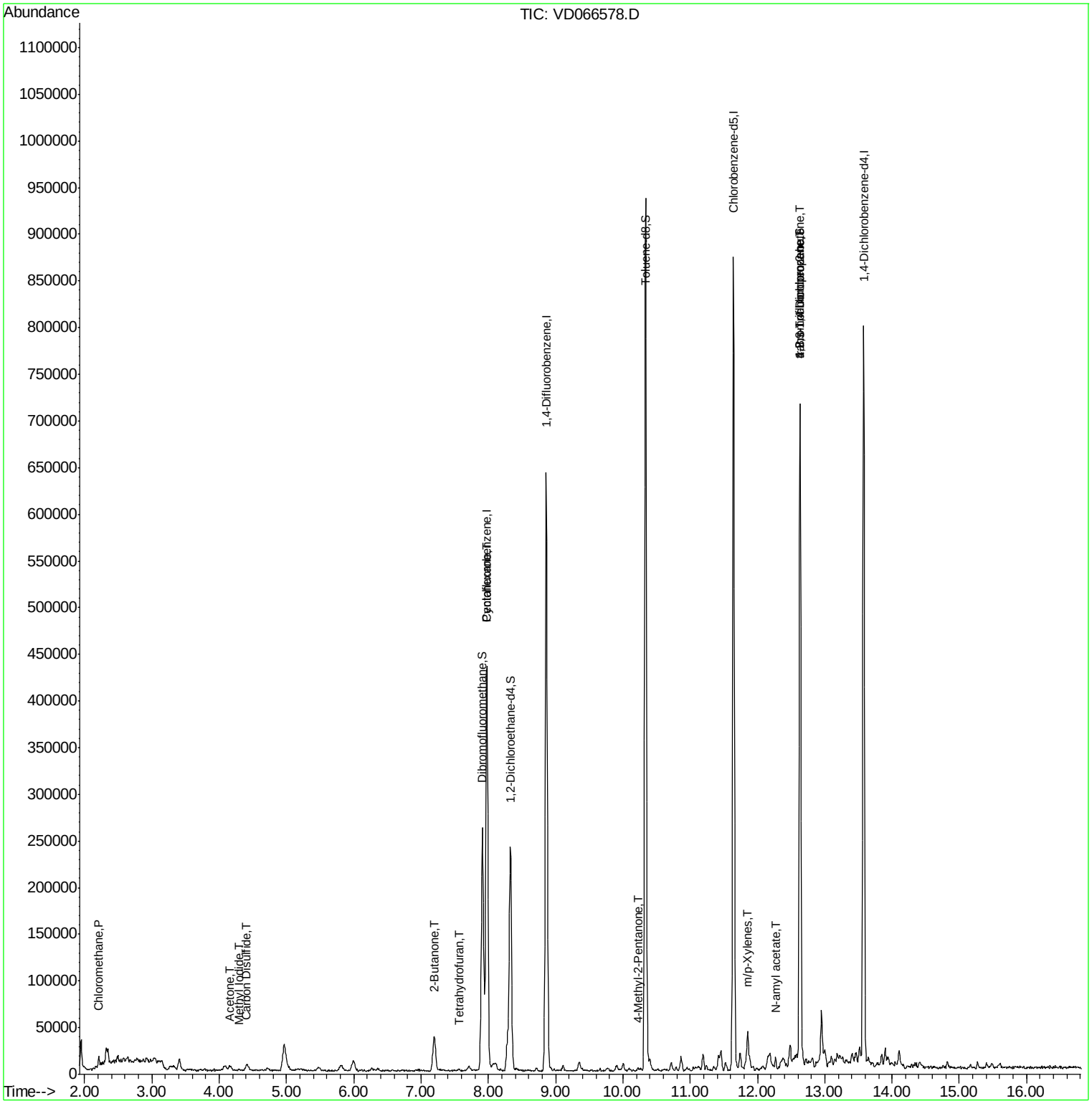
(#) = qualifier out of range (m) = manual integration (+) = signals summed

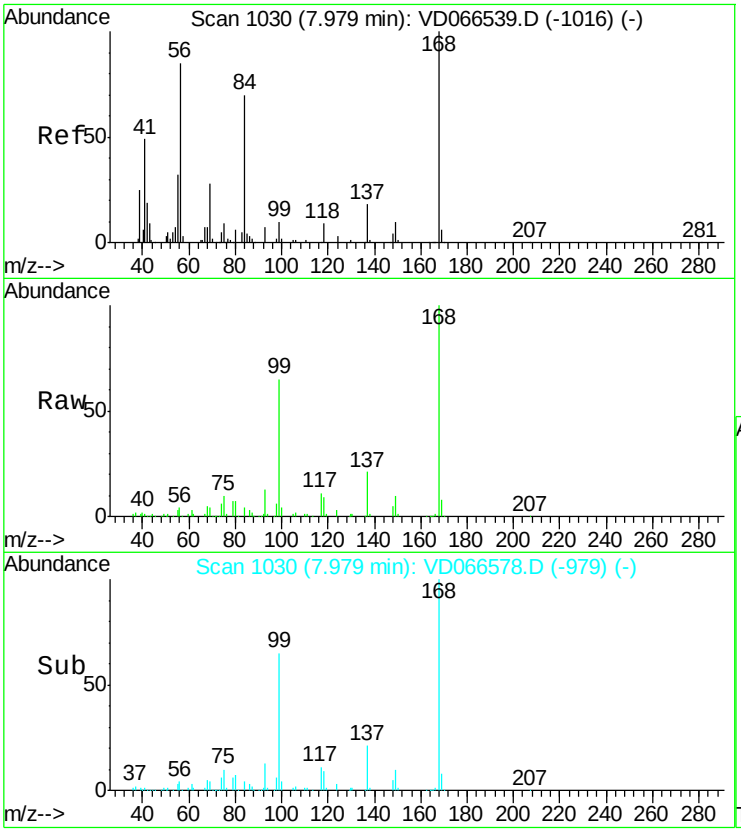
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD090920\
Data File : VD066578.D
Acq On : 09 Sep 2020 12:57
Operator : VA/SY
Sample : L3923-07
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB181-GW-878-880

Quant Time: Sep 09 13:59:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration



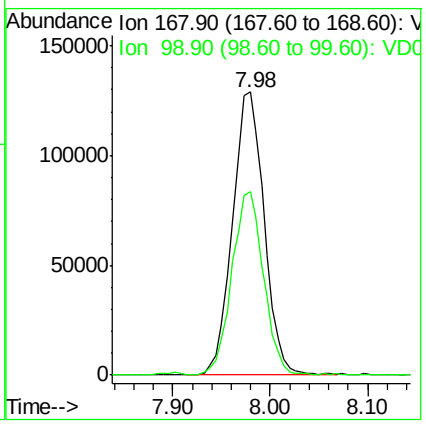


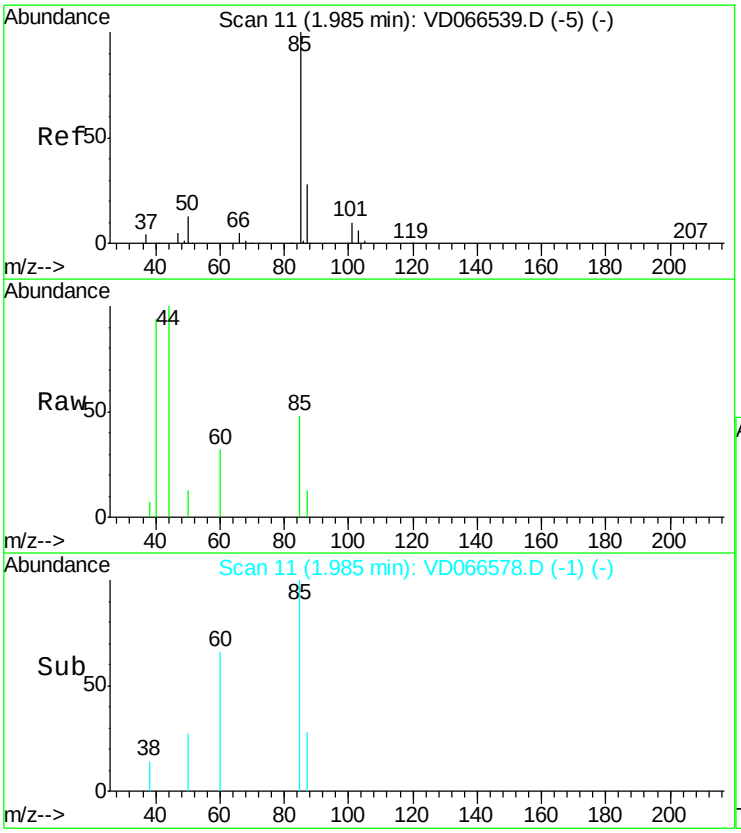
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB181-GW-878-880

Tgt Ion:168 Resp: 292167

Ion	Ratio	Lower	Upper
168	100		
99	64.6	50.5	75.7

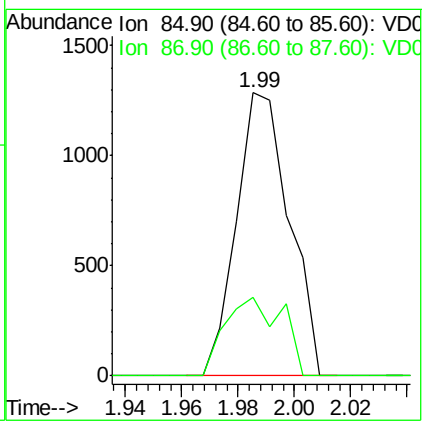


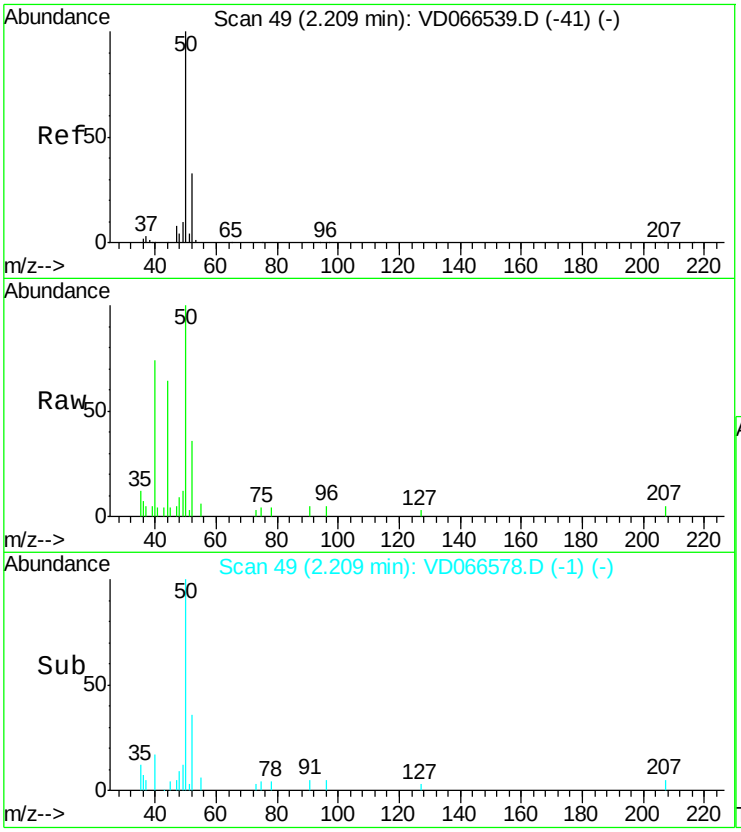


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.99 min Scan# 11
Delta R.T. 0.00 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Tgt Ion: 85 Resp: 1667

Ion	Ratio	Lower	Upper
85	100		
87	27.8	14.2	42.6



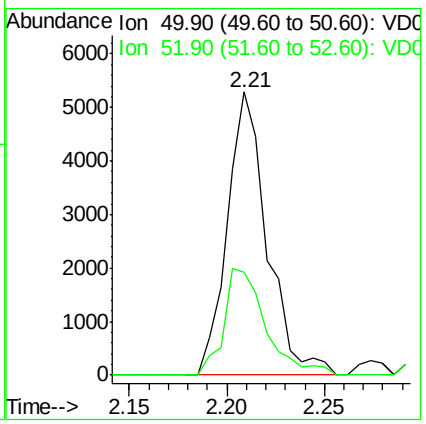


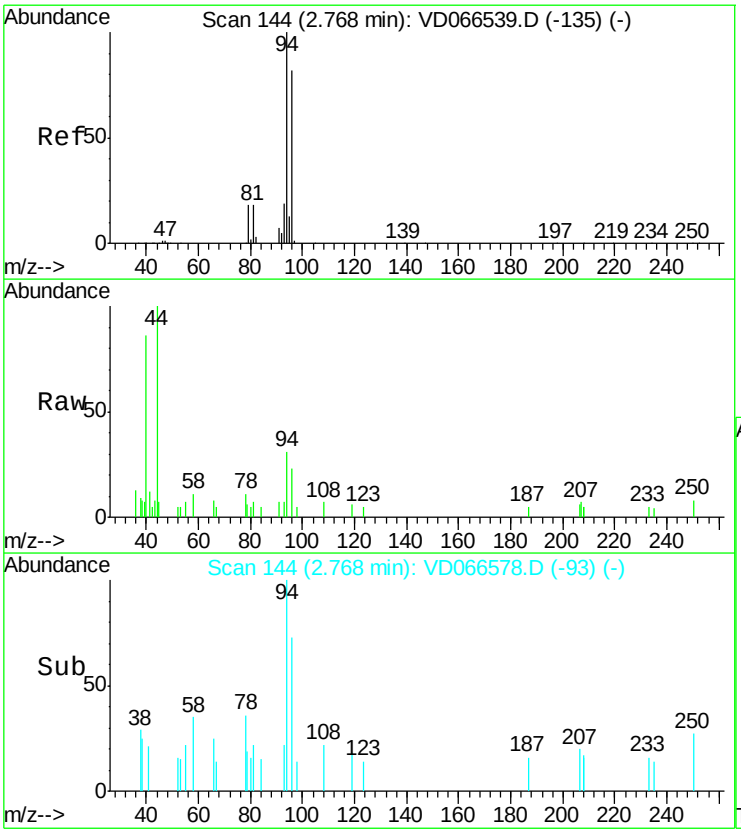
#3
Chloromethane
Concen: 2.021 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB181-GW-878-880

Tgt Ion: 50 Resp: 7466

Ion	Ratio	Lower	Upper
50	100		
52	36.4	26.2	39.2

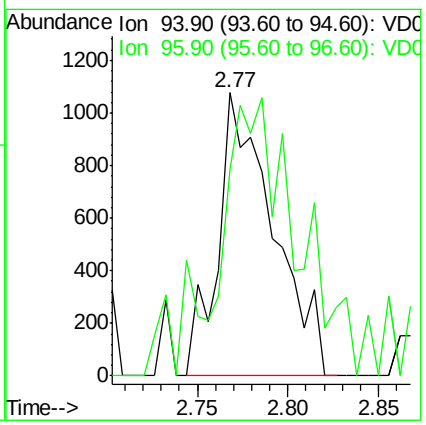


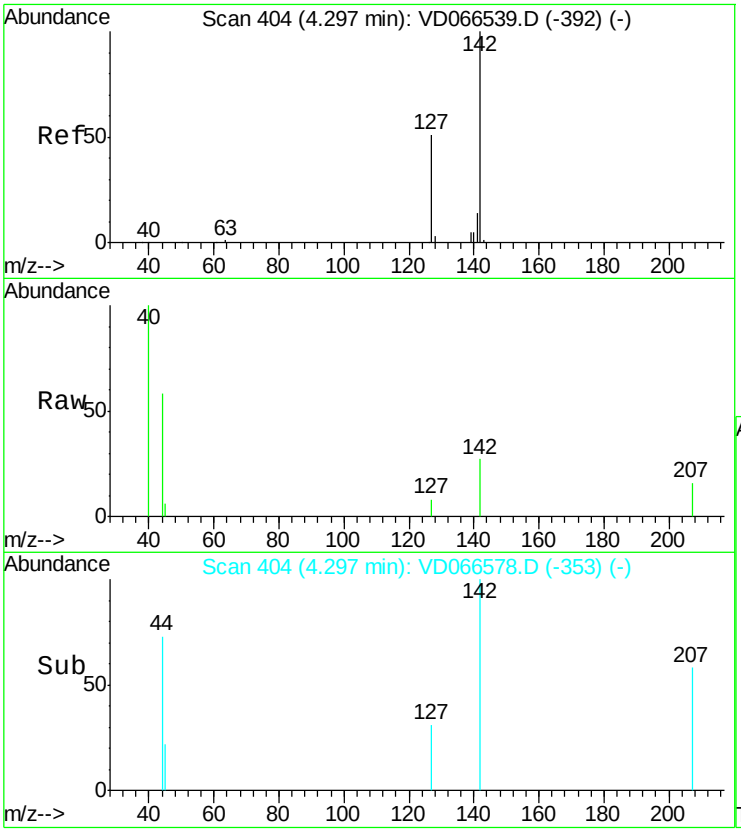


#5
Bromomethane
Concen: Below Cal
RT: 2.77 min Scan# 144
Delta R.T. 0.00 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Tgt Ion: 94 Resp: 2286

Ion	Ratio	Lower	Upper
94	100		
96	48.7	65.2	97.8#



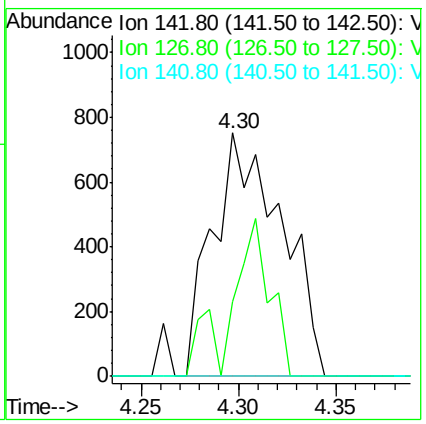


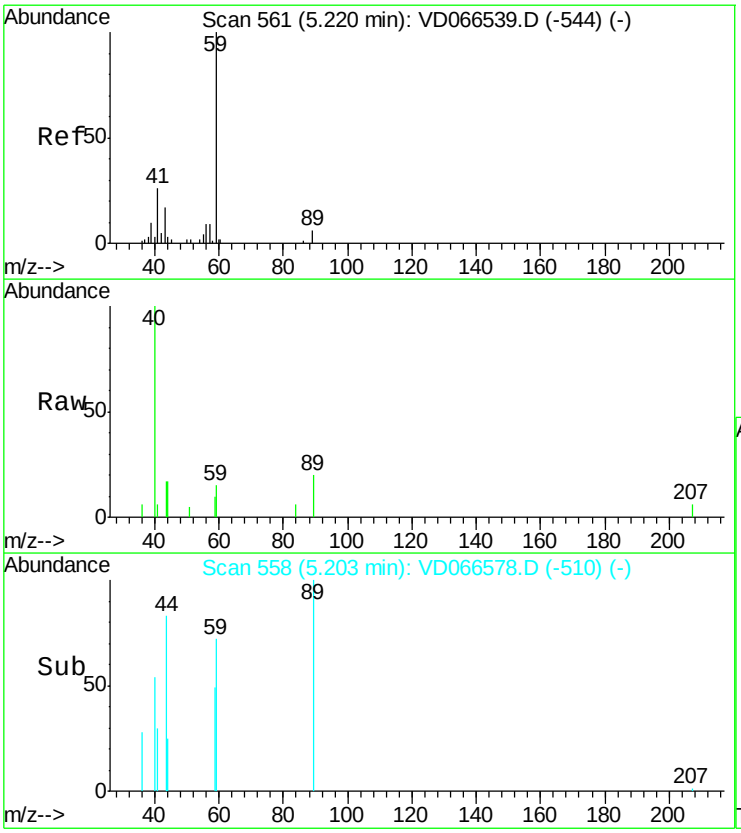
#10
Methyl Iodide
Concen: 4.590 ug/l
RT: 4.30 min Scan# 404
Delta R.T. 0.00 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB181-GW-878-880

Tgt Ion:142 Resp: 1843

Ion	Ratio	Lower	Upper
142	100		
127	29.7	40.6	61.0#
141	0.0	12.2	18.4#

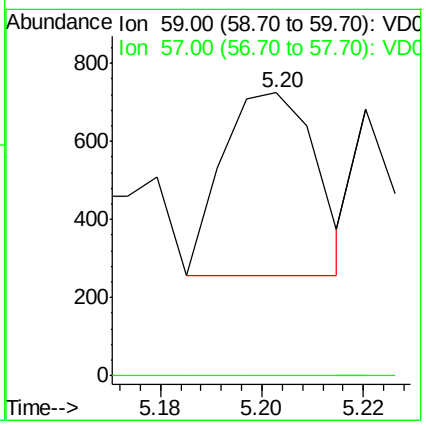


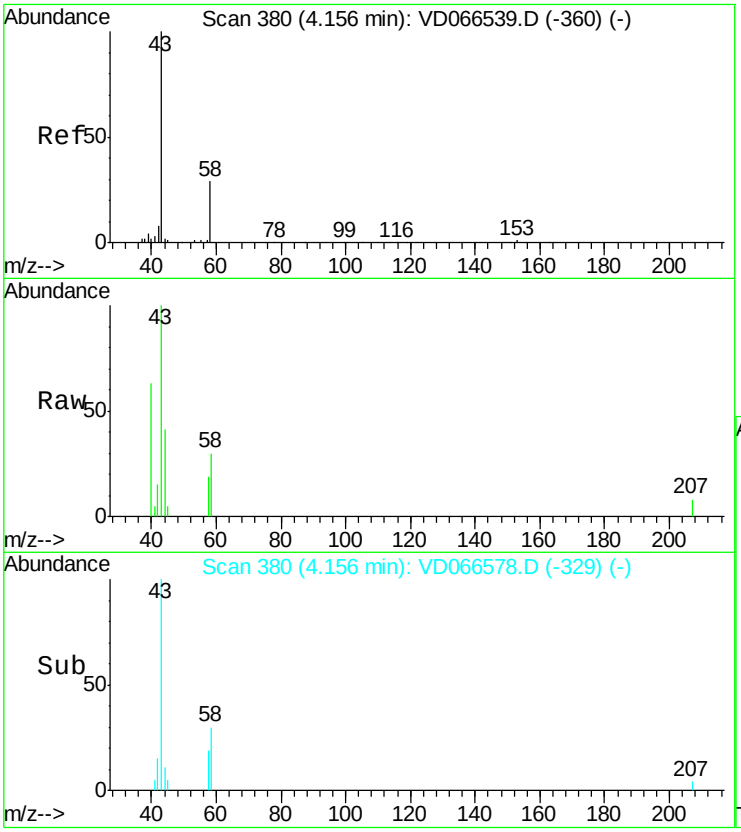


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.20 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Tgt Ion: 59 Resp: 598

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.6	11.4#



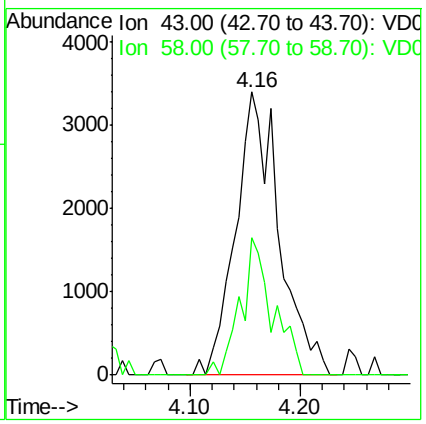


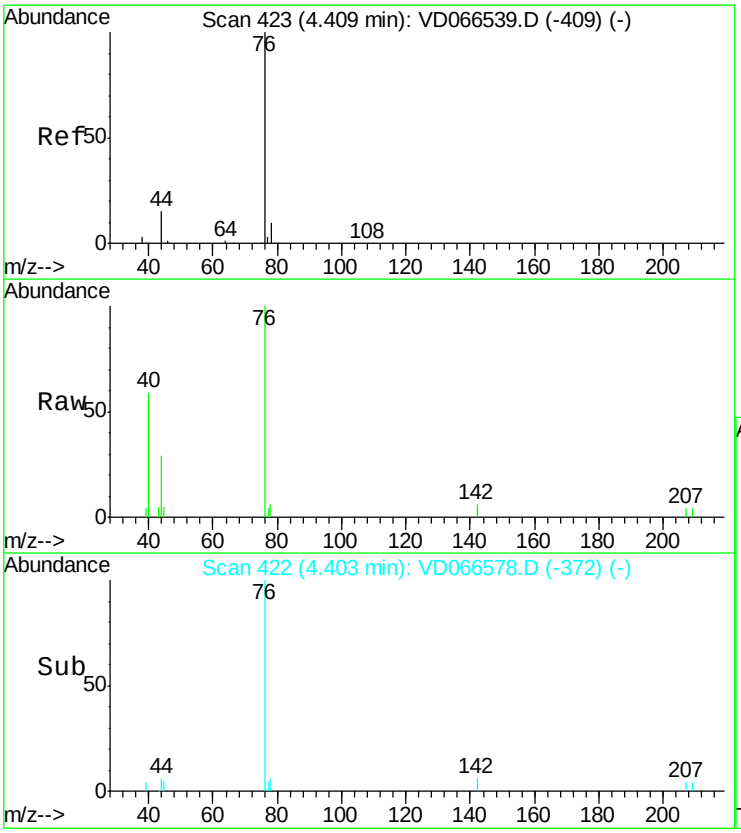
#16
Acetone
Concen: 14.472 ug/l
RT: 4.16 min Scan# 380
Delta R.T. 0.00 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB181-GW-878-880

Tgt Ion: 43 Resp: 9413

Ion	Ratio	Lower	Upper
43	100		
58	48.6	22.9	34.3#

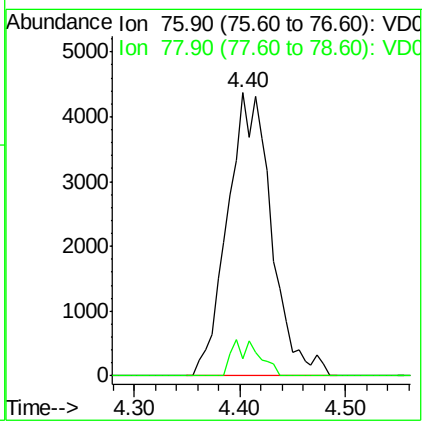


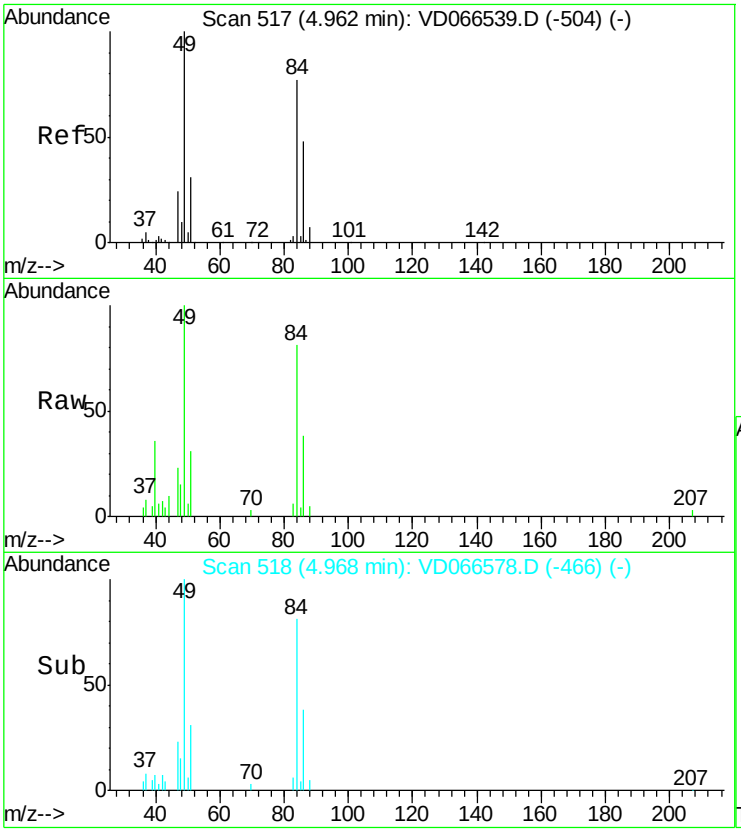


#17
Carbon Disulfide
Concen: 1.307 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Tgt Ion: 76 Resp: 12651

Ion	Ratio	Lower	Upper
76	100		
78	6.2	7.6	11.4#



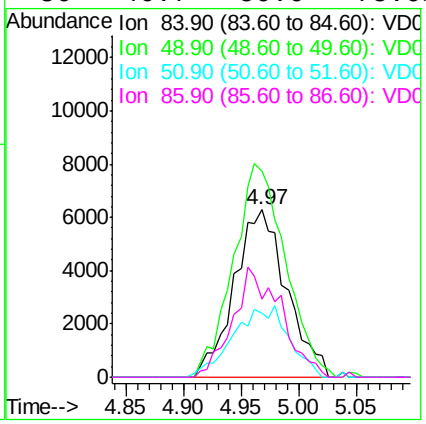


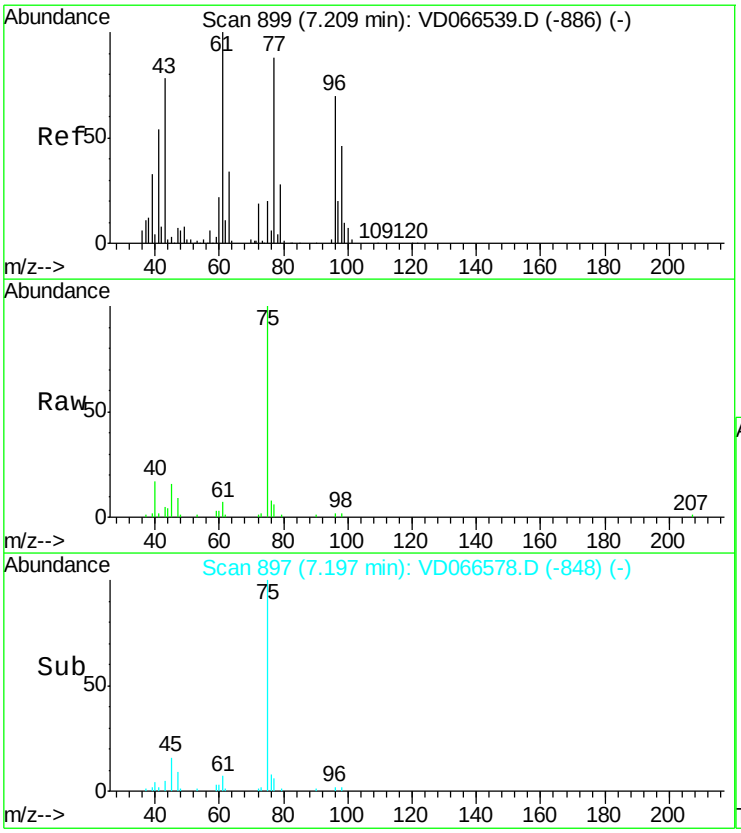
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB181-GW-878-880

Tgt Ion: 84 Resp: 19807

Ion	Ratio	Lower	Upper
84	100		
49	123.2	104.3	156.5
51	38.1	32.2	48.4
86	46.7	50.0	75.0#

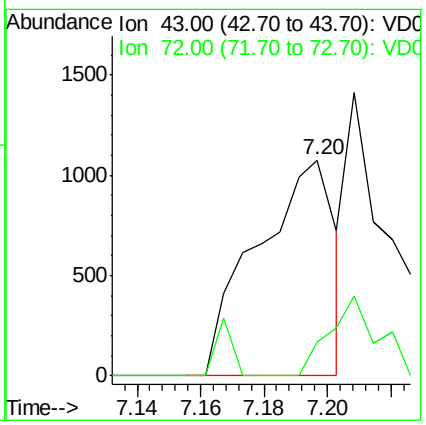


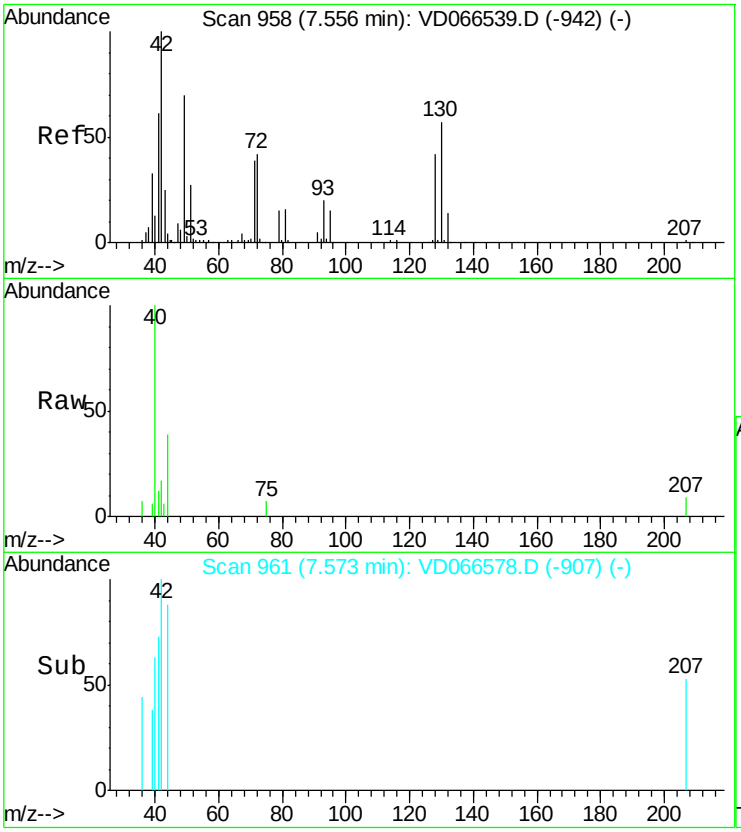


#25
2-Butanone
Concen: 2.102 ug/l
RT: 7.20 min Scan# 897
Delta R.T. -0.01 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Tgt Ion: 43 Resp: 1835

Ion	Ratio	Lower	Upper
43	100		
72	15.5	19.8	29.6#



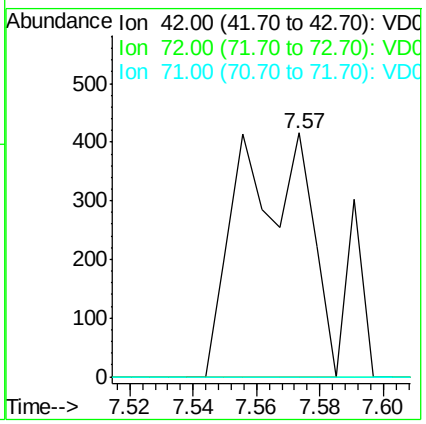


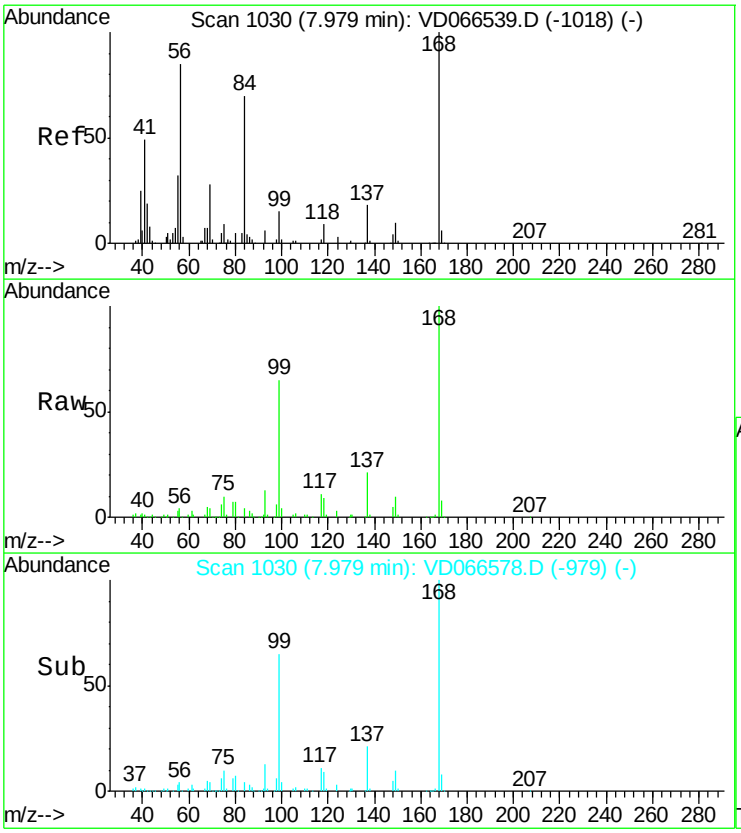
#29
Tetrahydrofuran
Concen: 1.159 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.02 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB181-GW-878-880

Tgt Ion: 42 Resp: 630

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.4	50.0#
71	0.0	31.9	47.9#

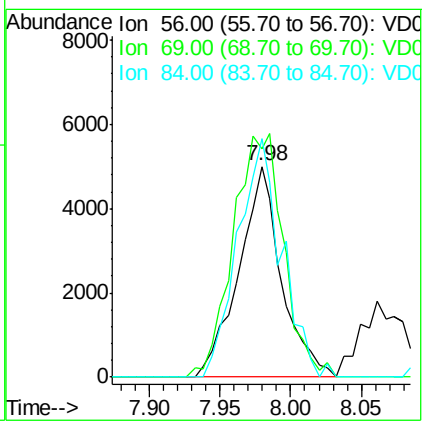


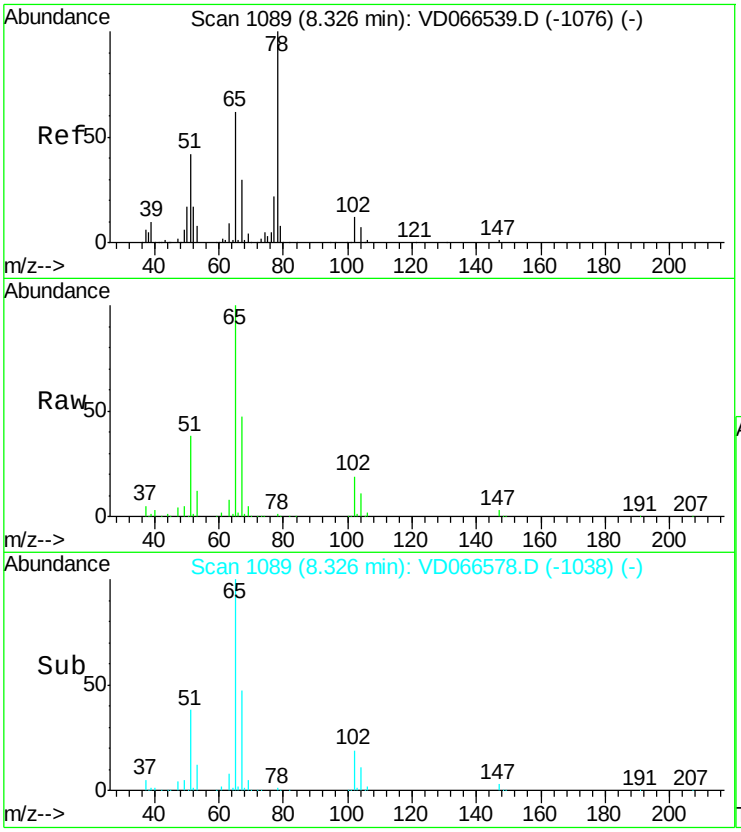


#31
Cyclohexane
Concen: 1.829 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Tgt Ion: 56 Resp: 10545

Ion	Ratio	Lower	Upper
56	100		
69	108.5	26.3	39.5#
84	112.9	66.1	99.1#



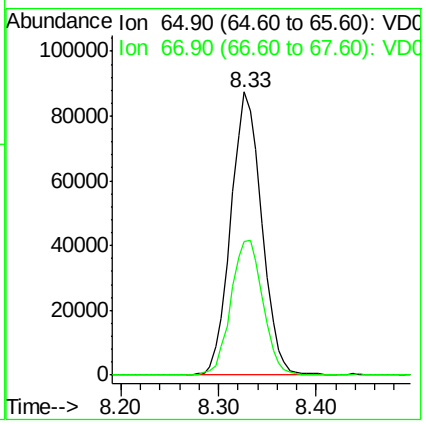


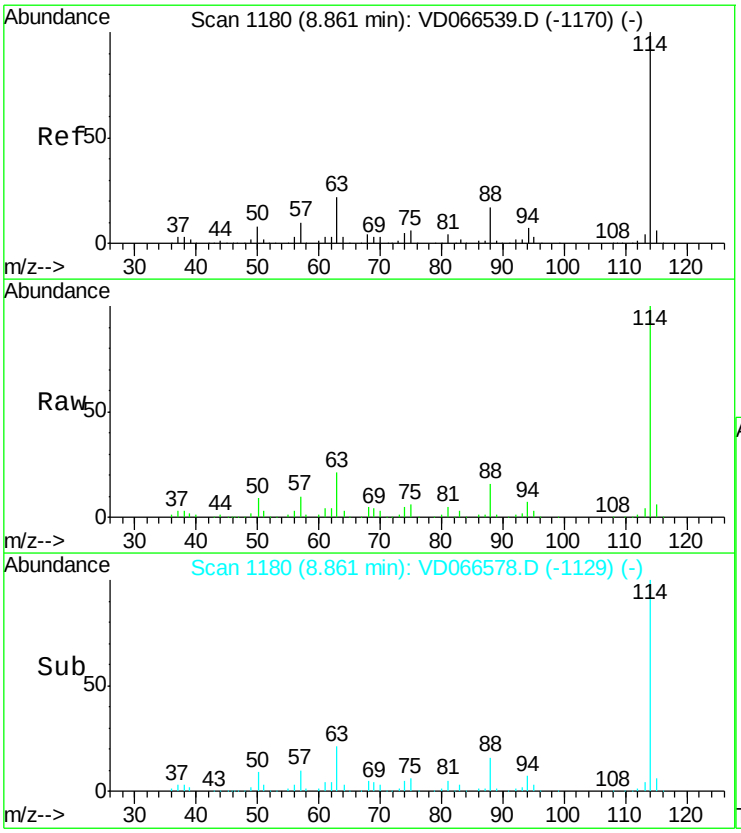
#33
1,2-Dichloroethane-d4
Concen: 54.432 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB181-GW-878-880

Tgt Ion: 65 Resp: 192415

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	102.8

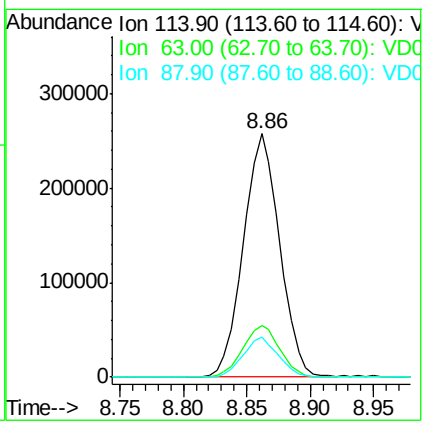


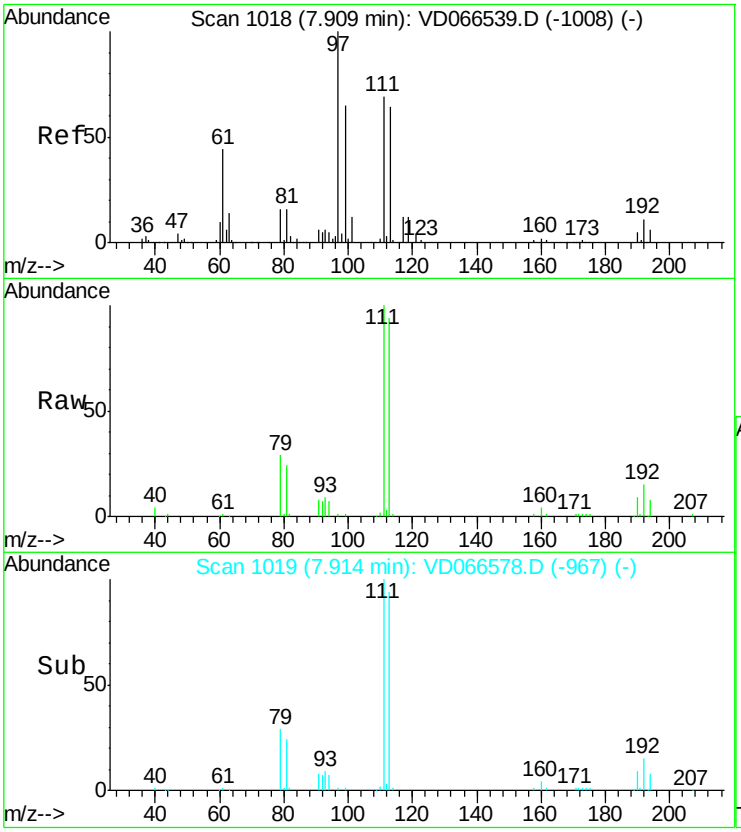


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Tgt Ion:114 Resp: 514099

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.2
88	16.5	0.0	33.2



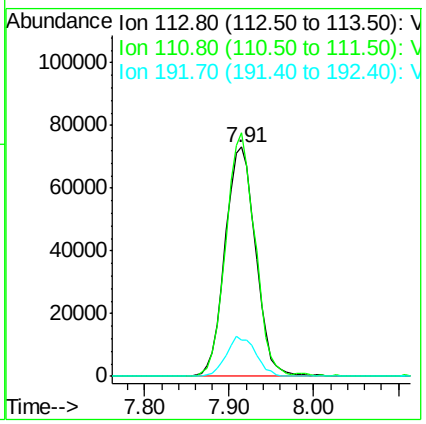


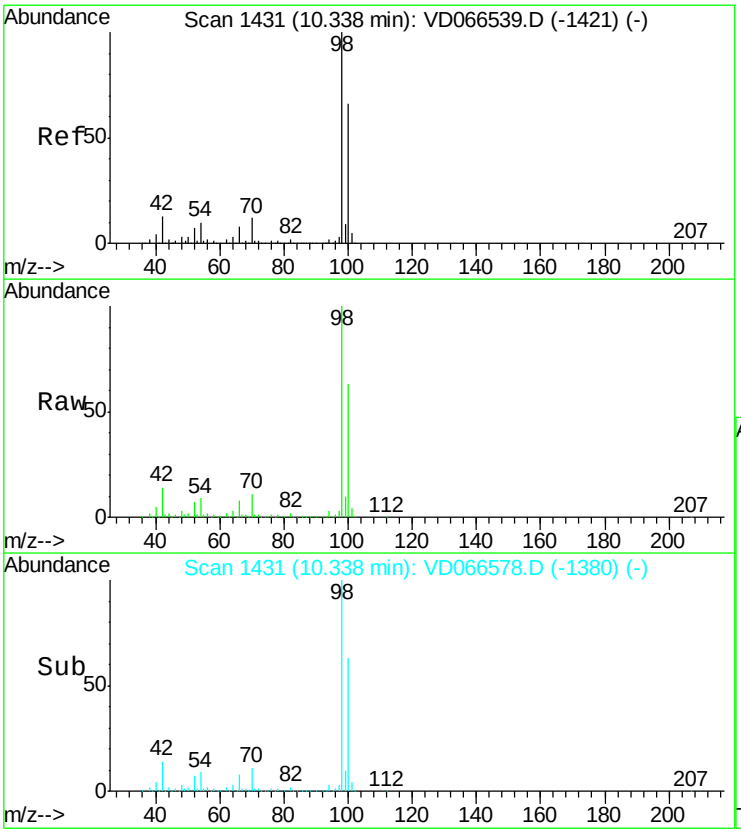
#35
Dibromofluoromethane
Concen: 52.402 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB181-GW-878-880

Tgt Ion:113 Resp: 181739

Ion	Ratio	Lower	Upper
113	100		
111	100.8	83.2	124.8
192	16.9	13.7	20.5

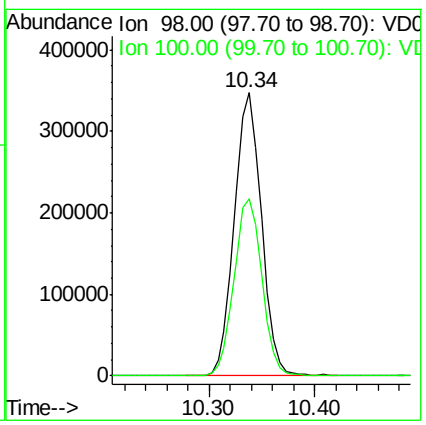


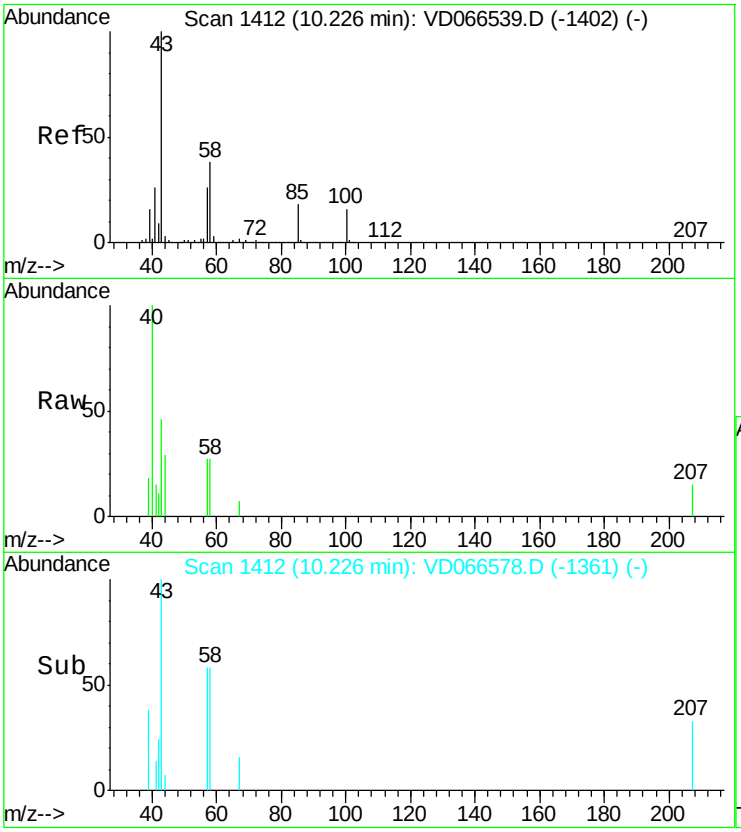


#50
Toluene-d8
Concen: 49.818 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Tgt Ion: 98 Resp: 617535

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.9	79.3



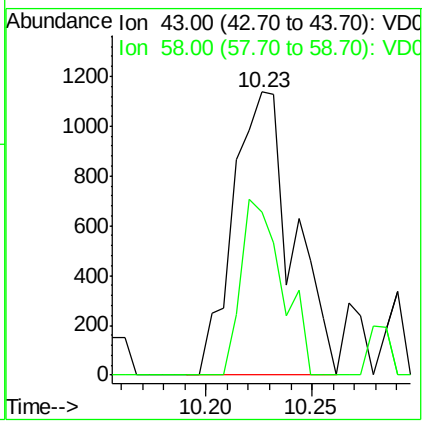


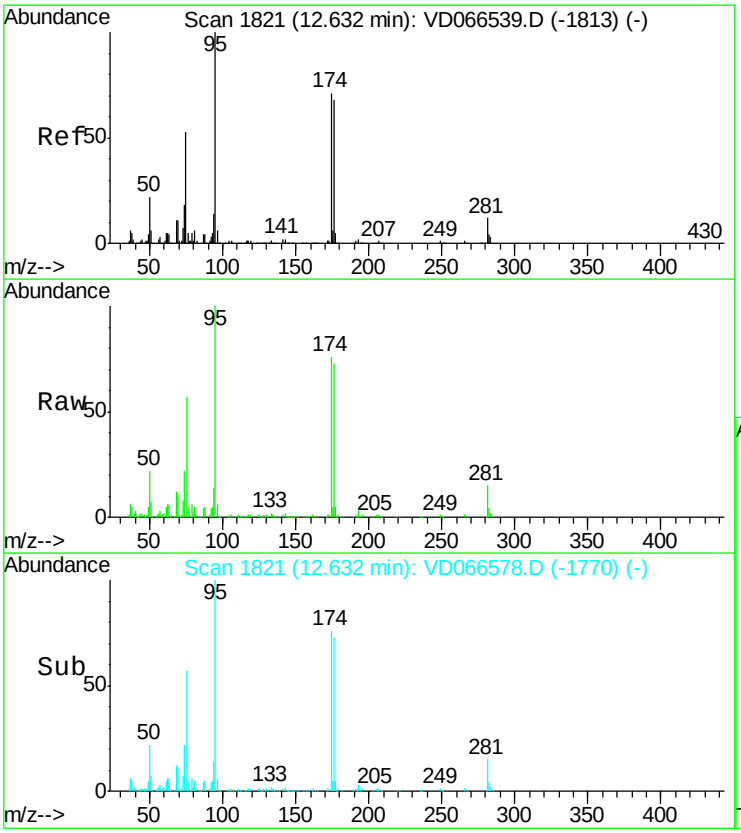
#51
4-Methyl-2-Pentanone
Concen: 1.083 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB181-GW-878-880

Tgt Ion: 43 Resp: 2229

Ion	Ratio	Lower	Upper
43	100		
58	43.0	30.5	45.7

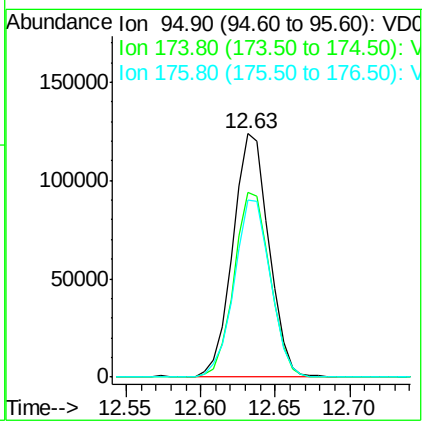


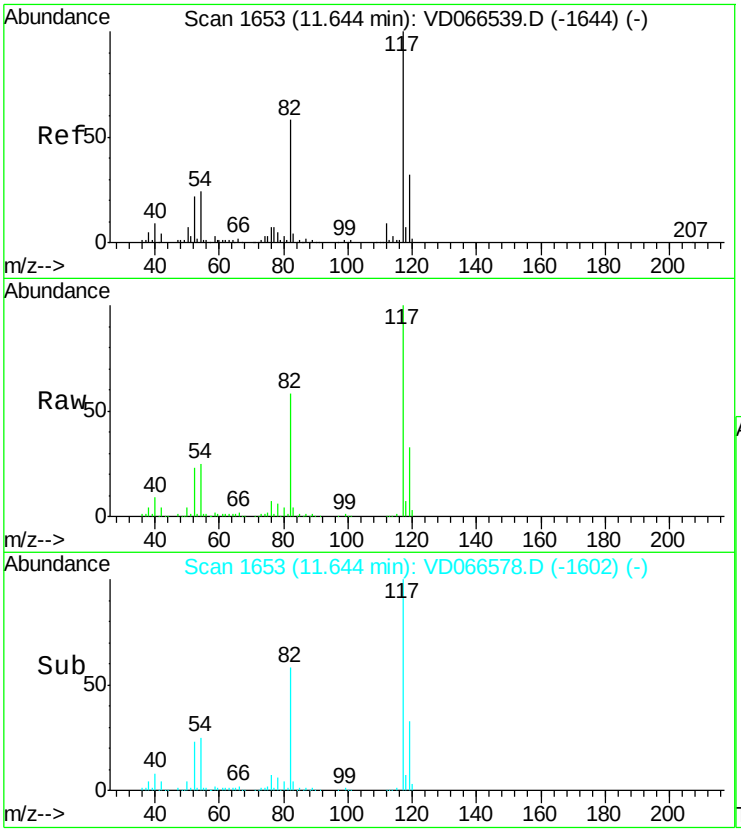


#62
4-Bromofluorobenzene
Concen: 50.540 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Tgt Ion: 95 Resp: 207735

Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	155.8
176	73.3	0.0	148.6



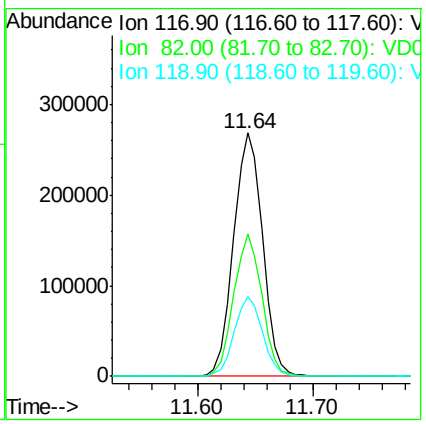


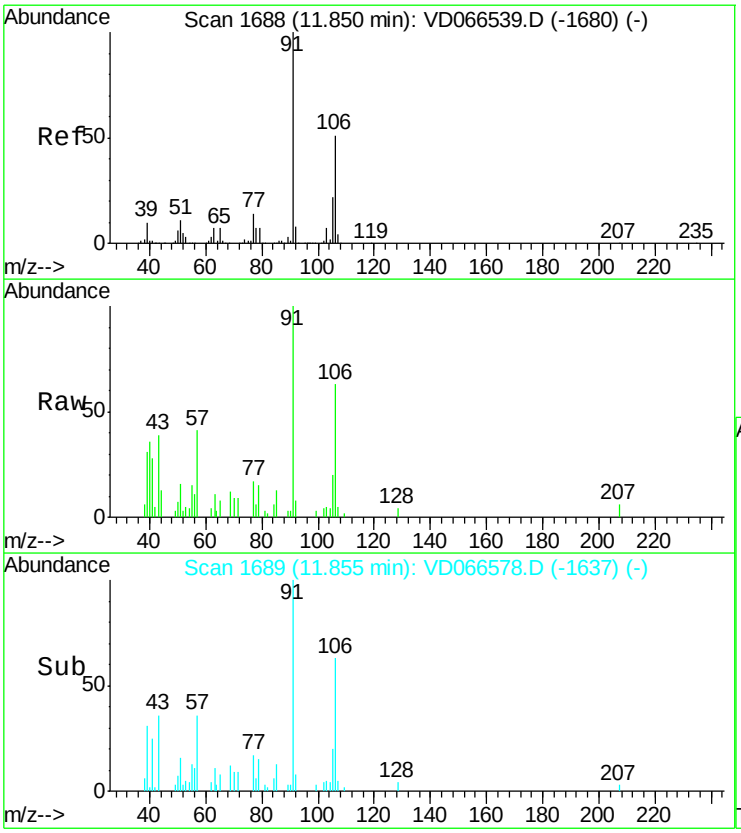
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Instrument : MSVOA_D
ClientSampleId : BP-VPB181-GW-878-880

Tgt Ion:117 Resp: 468456

Ion	Ratio	Lower	Upper
117	100		
82	58.4	46.2	69.2
119	32.9	25.8	38.8

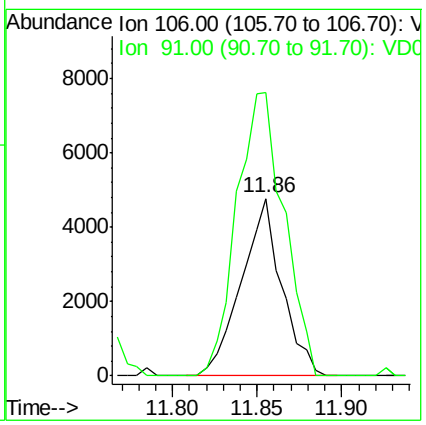


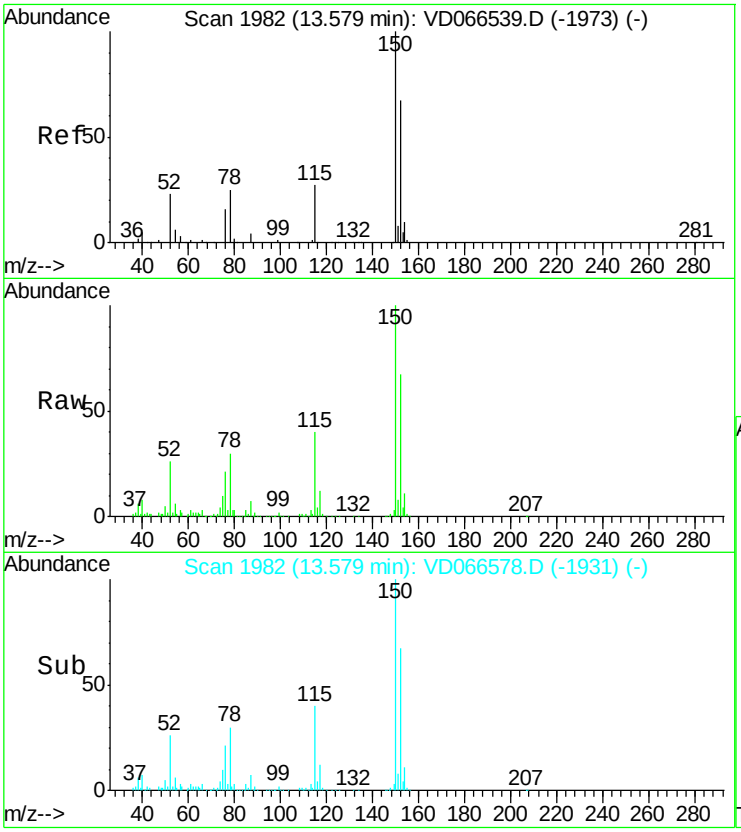


#68
m/p-Xylenes
Concen: 1.204 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Tgt Ion:106 Resp: 7934

Ion	Ratio	Lower	Upper
106	100		
91	186.4	162.4	243.6



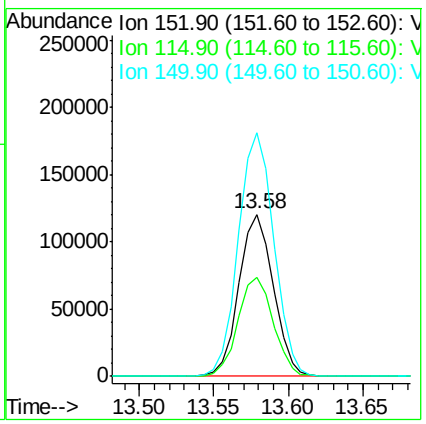


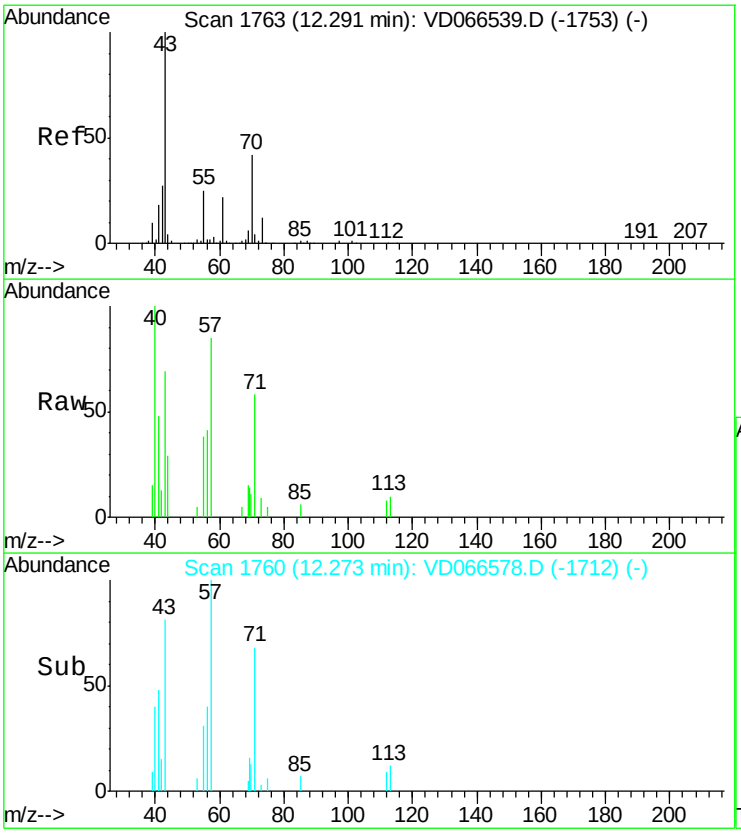
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB181-GW-878-880

Tgt Ion:152 Resp: 192958

Ion	Ratio	Lower	Upper
152	100		
115	62.6	30.4	91.2
150	155.5	0.0	345.8

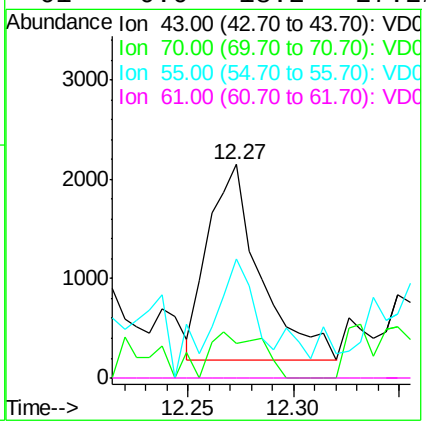


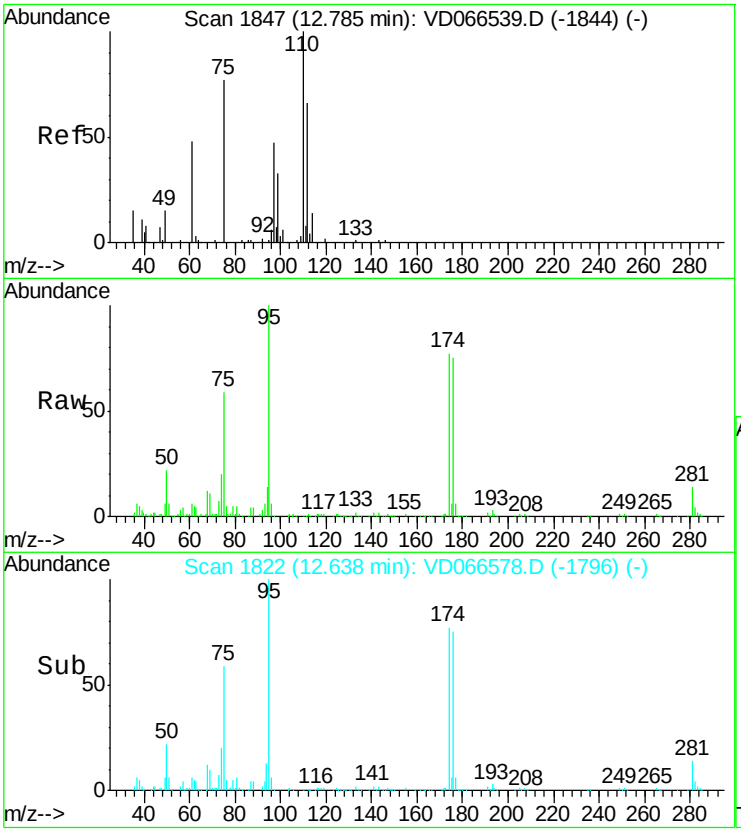


#74
N-amyl acetate
Concen: 1.033 ug/l
RT: 12.27 min Scan# 1760
Delta R.T. -0.02 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Tgt Ion: 43 Resp: 3344

Ion	Ratio	Lower	Upper
43	100		
70	25.3	33.4	50.2#
55	28.4	20.1	30.1
61	0.0	18.2	27.2#



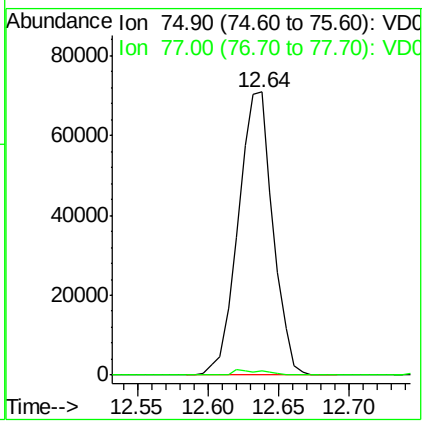


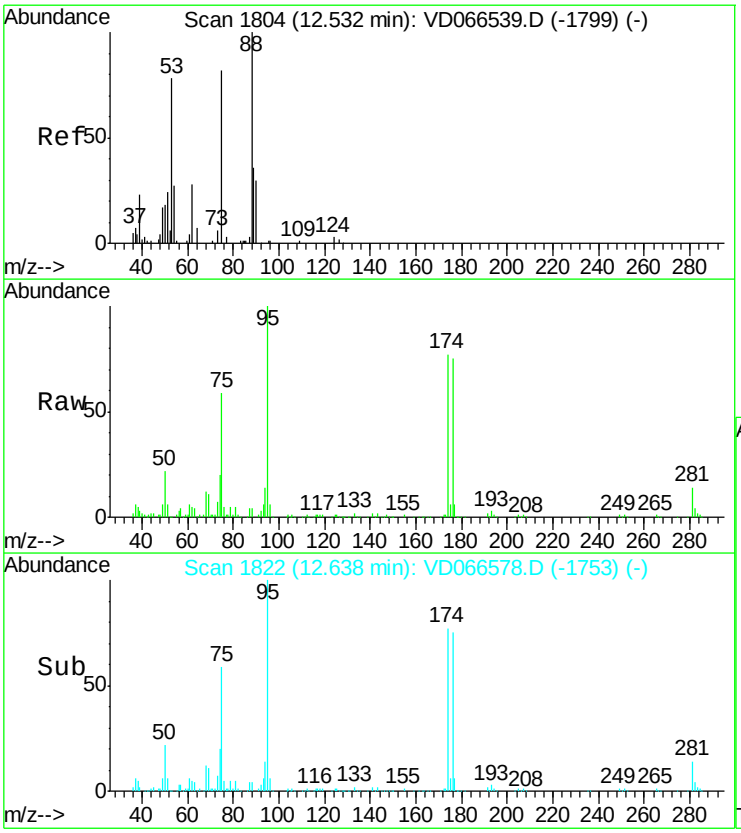
#76
1,2,3-Trichloropropane
Concen: 65.496 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB181-GW-878-880

Tgt Ion: 75 Resp: 121544

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 152.911 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD066578.D
Acq: 09 Sep 2020 12:57

Tgt Ion: 75 Resp: 121544

Ion	Ratio	Lower	Upper
75	100		
53	0.2	87.0	130.4#
89	0.1	37.1	55.7#