Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061019\
Data File : VD062660.D
Acq On : 10 Jun 2019 18:16
Operator : VA/AP
Sample : K3274-04
Misc : 5.18g/5ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SB-12_1.0-1.5_060719

Quant Time: Jun 11 03:58:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	584961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	787246	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	629970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	312935	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	321859	38.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.26%			
35) Dibromofluoromethane	6.93	113	348206	41.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.88%			
50) Toluene-d8	10.41	98	637896	36.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 73.04%			
62) 4-Bromofluorobenzene	13.55	95	288801	35.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 70.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	1171	Below Cal	#	42
5) Bromomethane	2.17	94	3088	1.025	ug/l #	11
10) Methyl Iodide	3.32	142	532	4.056	ug/l #	37
13) Acrolein	2.89	56	624	5.591	ug/l	96
16) Acetone	3.23	43	7259	4.696	ug/l #	66
31) Cyclohexane	7.05	56	13908	2.088	ug/l #	22
36) 1,1-Dichloropropene	7.05	75	47814	5.307	ug/l #	53
37) Ethyl Acetate	6.16	43	1099	1.480	ug/l #	74
38) Carbon Tetrachloride	7.05	117	59436	4.174	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.85	63	13364	6.164	ug/l	90
74) N-amyl acetate	13.38	43	8051	1.351	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	132262	100.817	ug/l #	1
82) 4-Chlorotoluene	13.98	91	57574	3.045	ug/l #	43
93) 1,2,4-Trichlorobenzene	15.94	180	1790	3.775	ug/l #	75
95) Naphthalene	16.12	128	3561	3.741	ug/l #	84

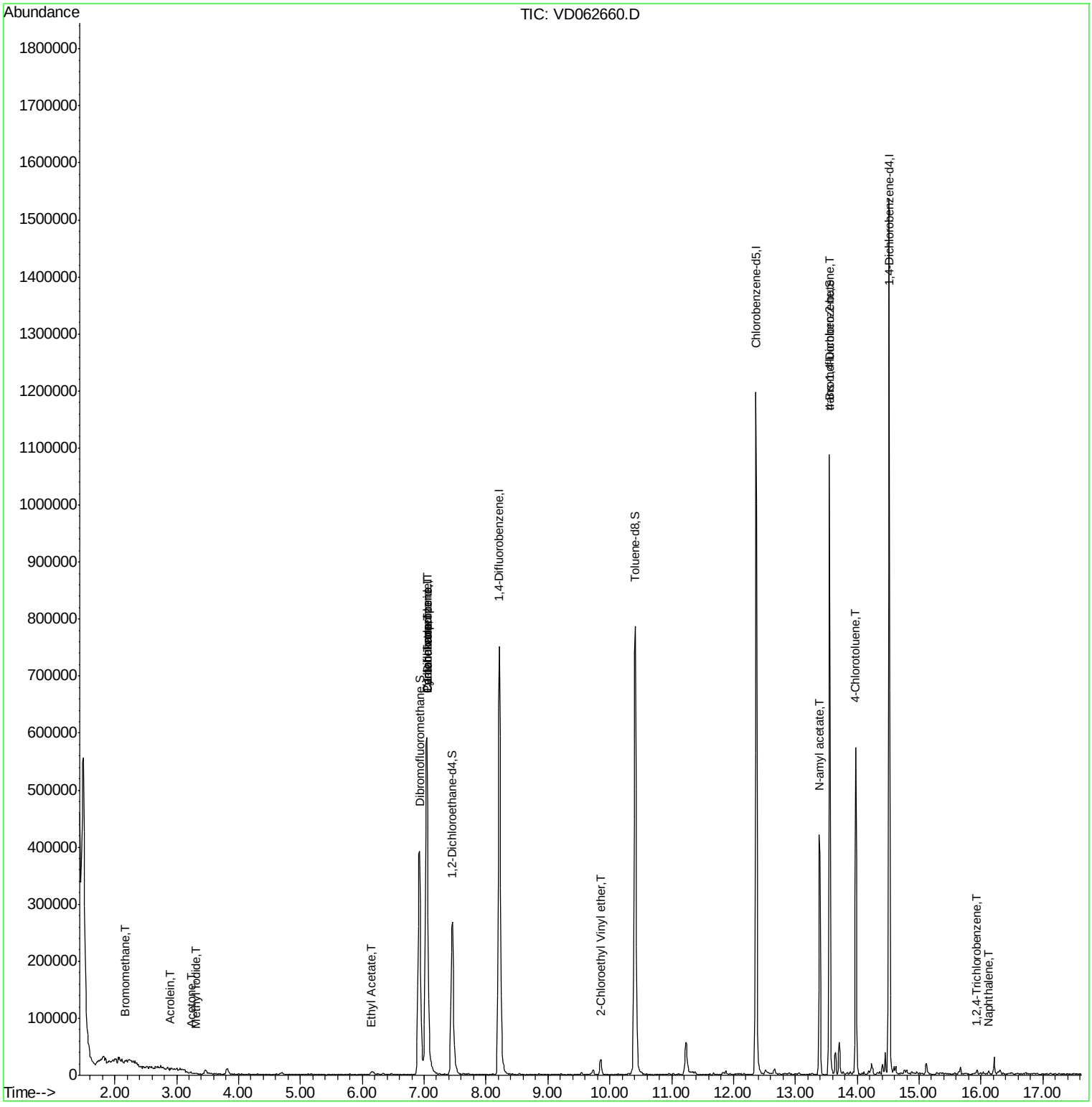
(#) = qualifier out of range (m) = manual integration (+) = signals summed

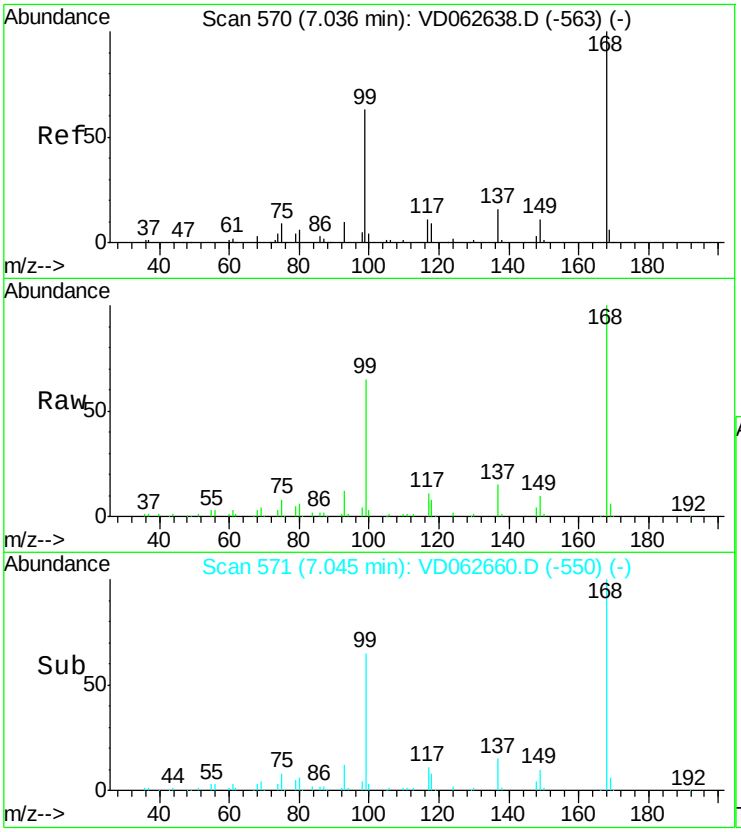
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061019\
Data File : VD062660.D
Acq On : 10 Jun 2019 18:16
Operator : VA/AP
Sample : K3274-04
Misc : 5.18g/5ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-12_1.0-1.5_060719

Quant Time: Jun 11 03:58:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration



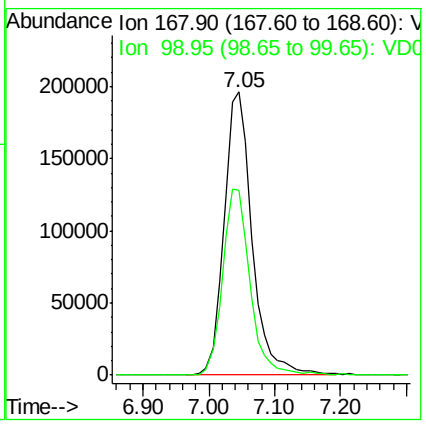


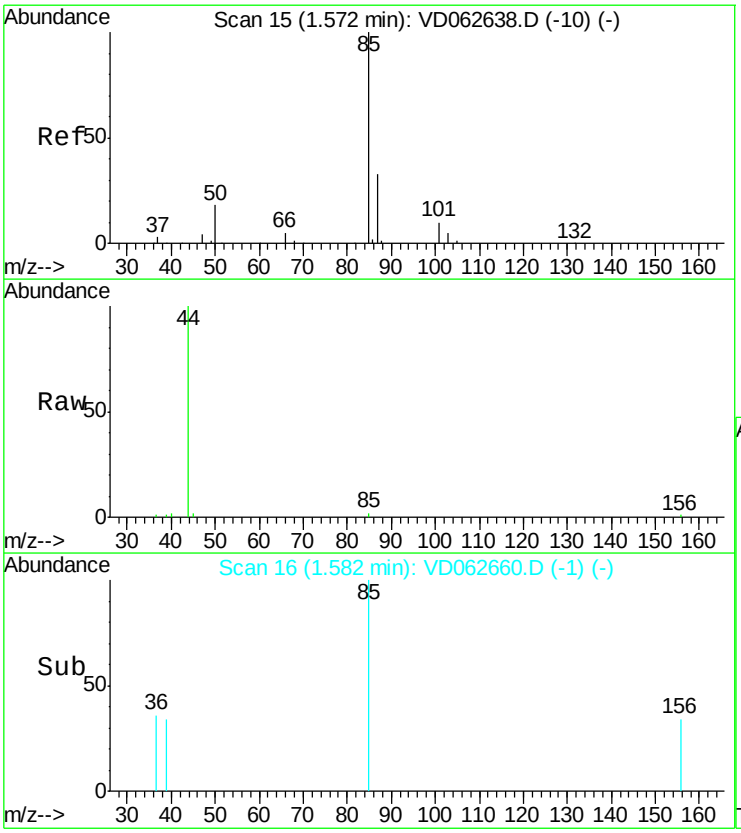
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.01 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Instrument :
MSVOA_D
ClientSampleId :
SB-12_1.0-1.5_060719

Tgt Ion:168 Resp: 584961

Ion	Ratio	Lower	Upper
168	100		
99	65.2	51.4	77.2

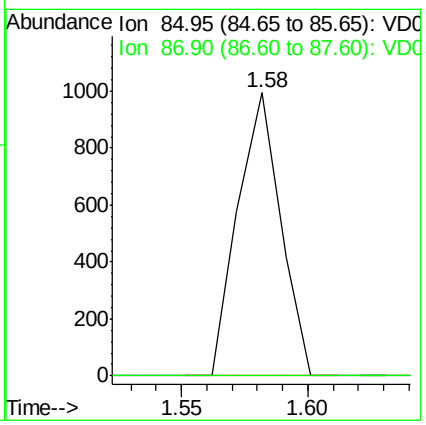


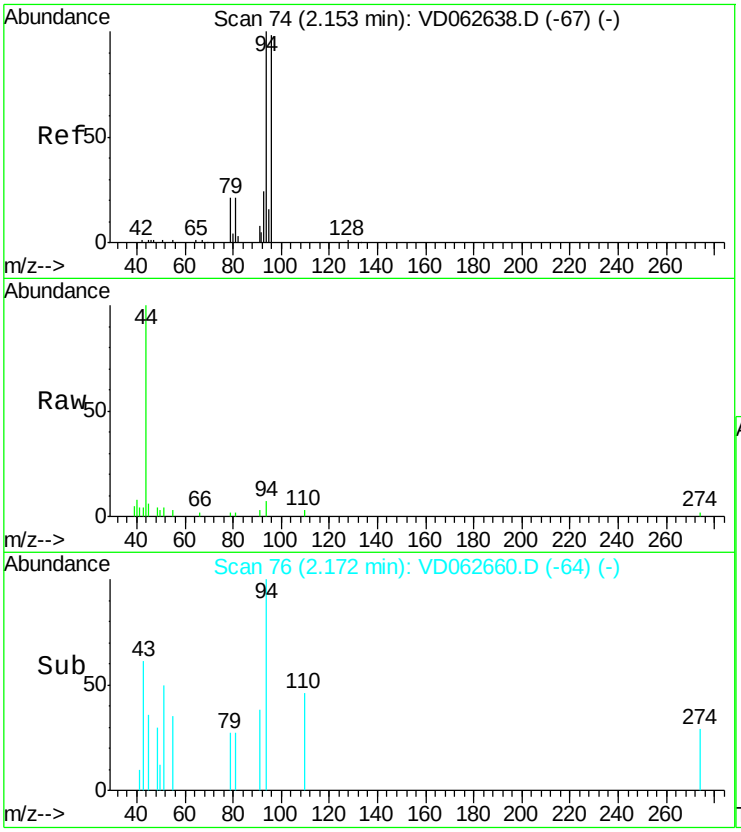


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.58 min Scan# 16
Delta R.T. 0.01 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Tgt Ion: 85 Resp: 1171

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.6	49.7#



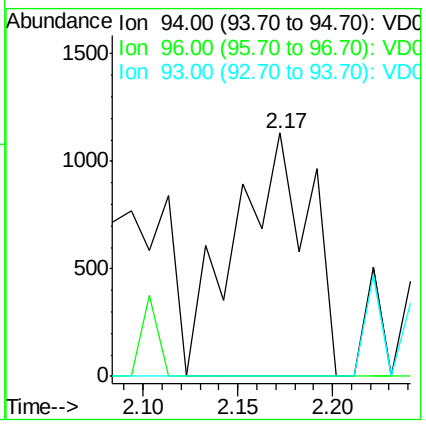


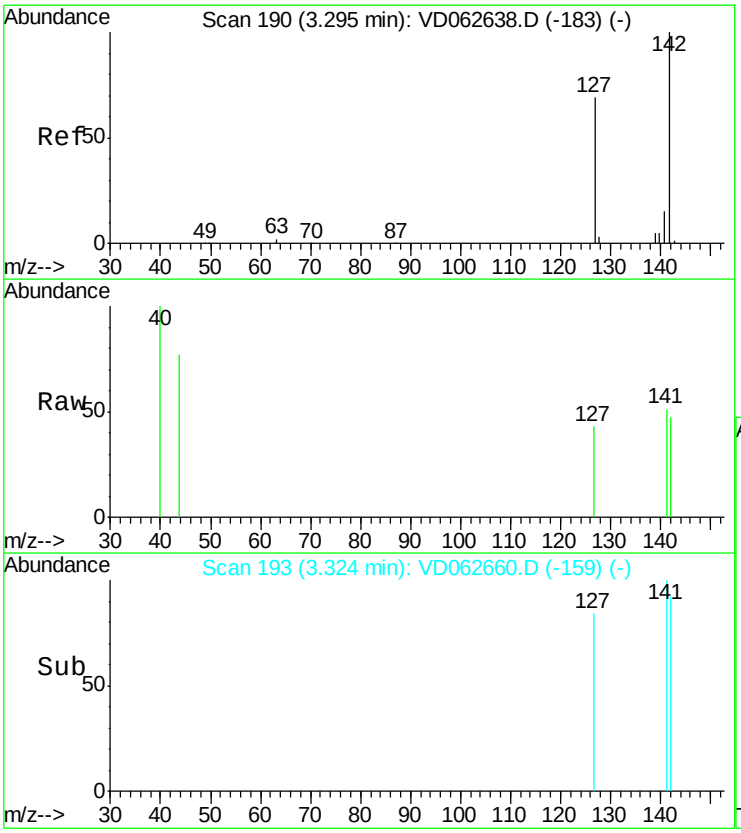
#5
Bromomethane
Concen: 1.025 ug/l
RT: 2.17 min Scan# 76
Delta R.T. 0.02 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Instrument :
MSVOA_D
ClientSampleId :
SB-12_1.0-1.5_060719

Tgt Ion: 94 Resp: 3088

Ion	Ratio	Lower	Upper
94	100		
96	0.0	78.1	117.1#
93	0.0	19.6	29.4#

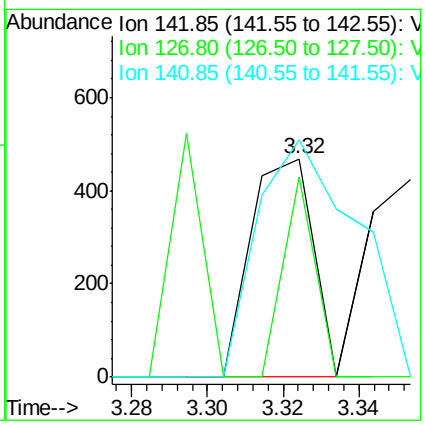


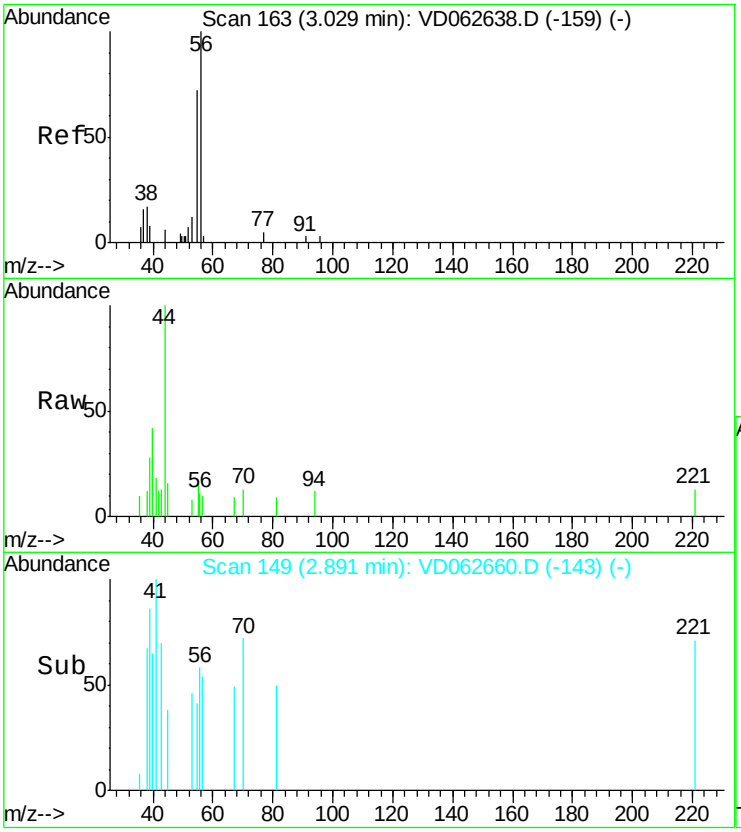


#10
Methyl Iodide
Concen: 4.056 ug/l
RT: 3.32 min Scan# 193
Delta R.T. 0.03 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Tgt Ion:142 Resp: 532

Ion	Ratio	Lower	Upper
142	100		
127	91.5	55.2	82.8#
141	108.7	12.1	18.1#



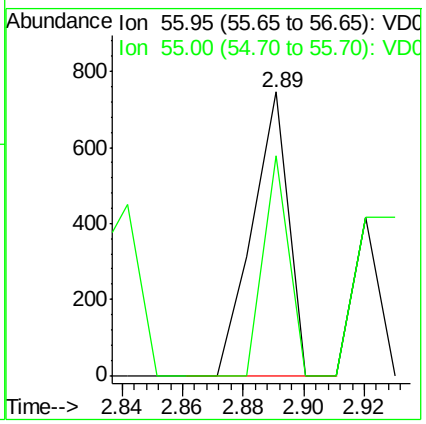


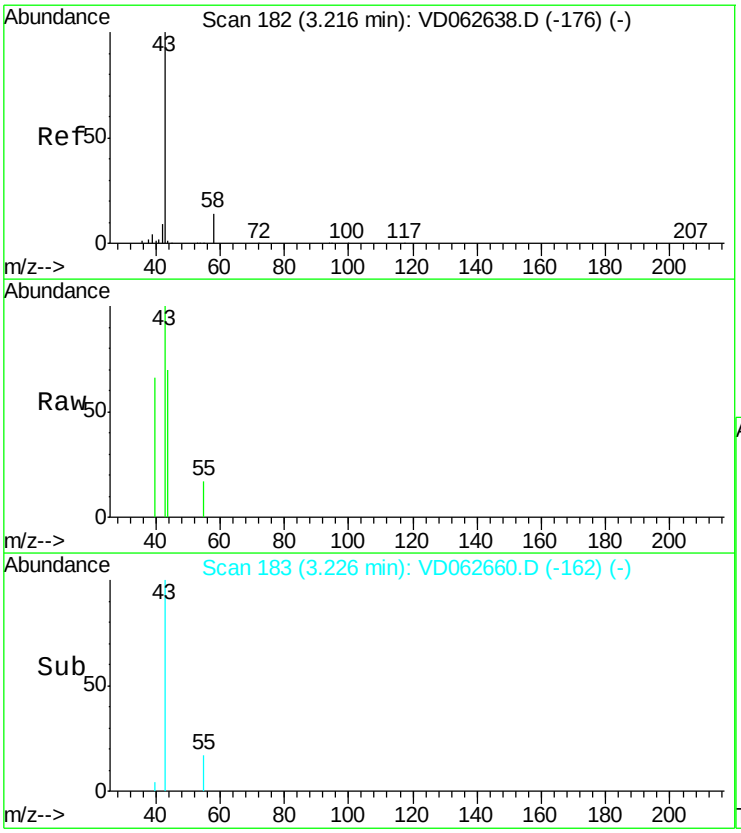
#13
Acrolein
Concen: 5.591 ug/l
RT: 2.89 min Scan# 149
Delta R.T. -0.14 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Instrument :
MSVOA_D
ClientSampleId :
SB-12_1.0-1.5_060719

Tgt Ion: 56 Resp: 624

Ion	Ratio	Lower	Upper
56	100		
55	77.3	59.4	89.0

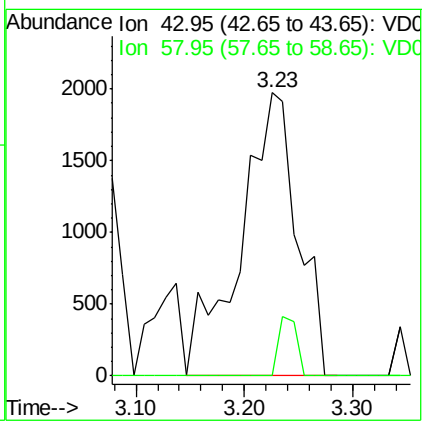


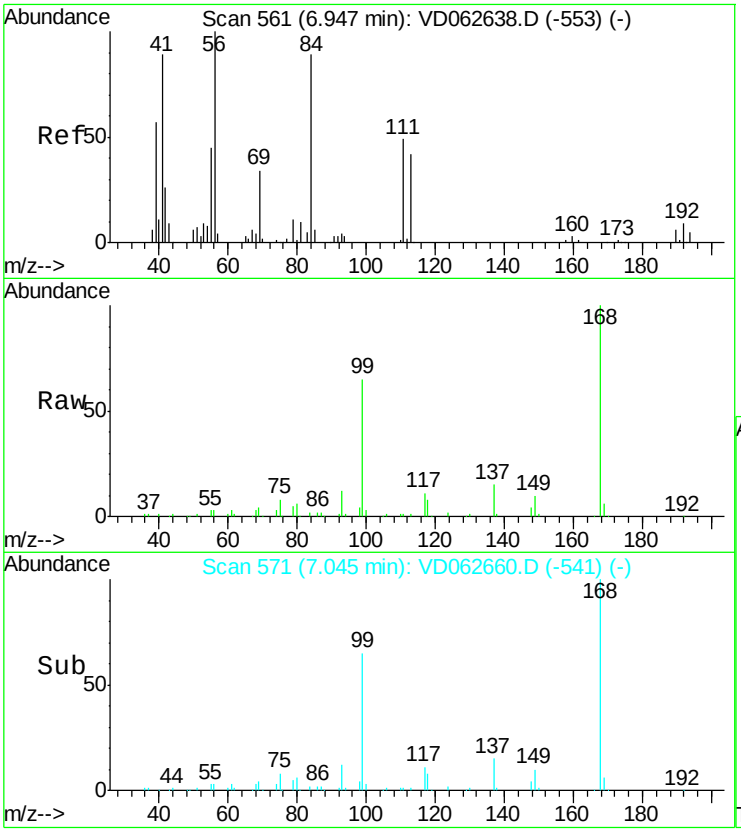


#16
Acetone
Concen: 4.696 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.01 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Tgt Ion: 43 Resp: 7259

Ion	Ratio	Lower	Upper
43	100		
58	0.0	10.8	16.2#



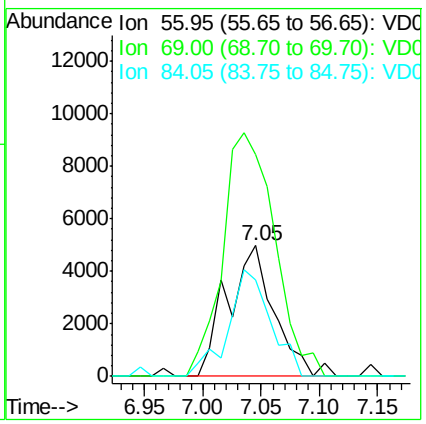


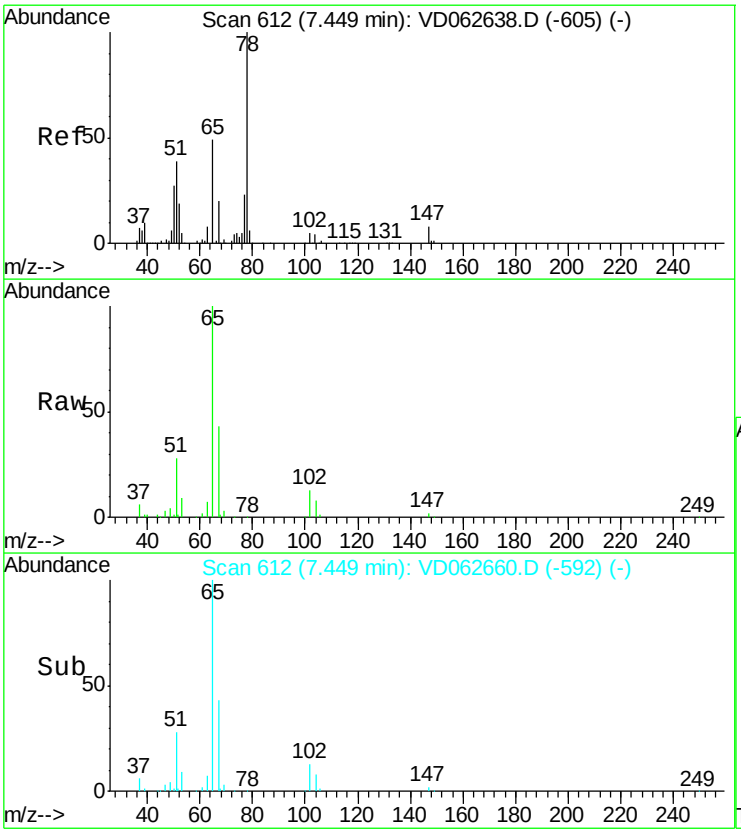
#31
Cyclohexane
Concen: 2.088 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.10 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Instrument :
MSVOA_D
ClientSampleId :
SB-12_1.0-1.5_060719

Tgt Ion: 56 Resp: 13908

Ion	Ratio	Lower	Upper
56	100		
69	170.2	26.8	40.2#
84	73.5	73.9	110.9#

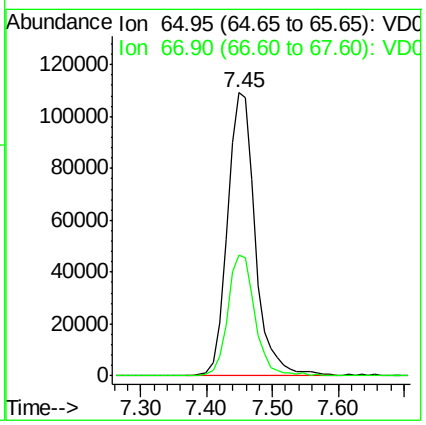


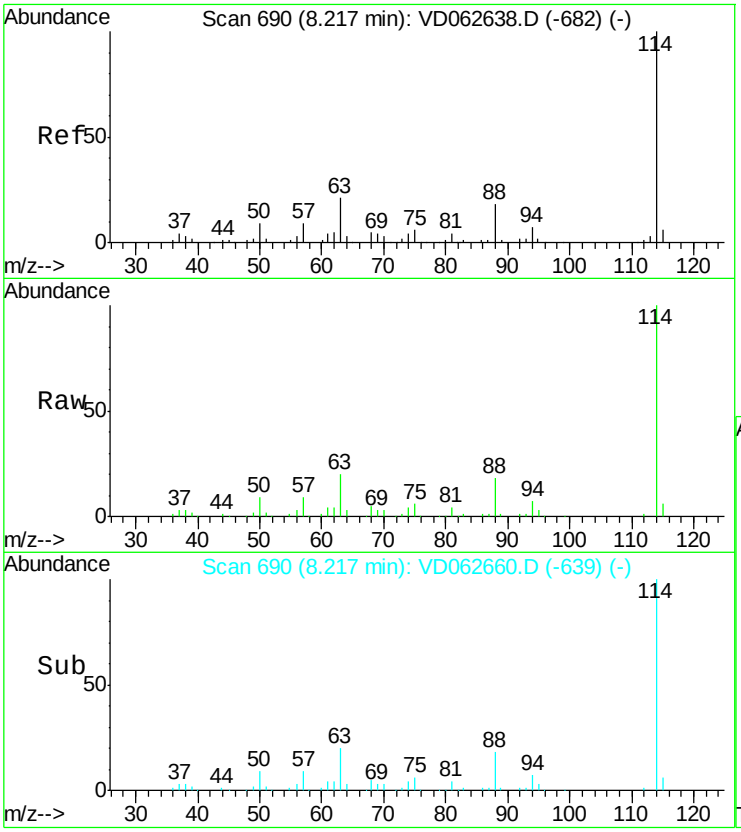


#33
1,2-Dichloroethane-d4
Concen: 38.131 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.00 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Tgt Ion: 65 Resp: 321859

Ion	Ratio	Lower	Upper
65	100		
67	42.8	0.0	81.8



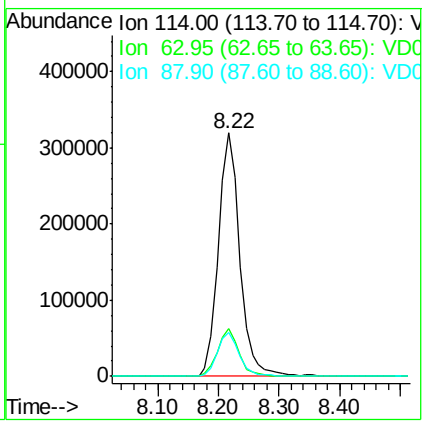


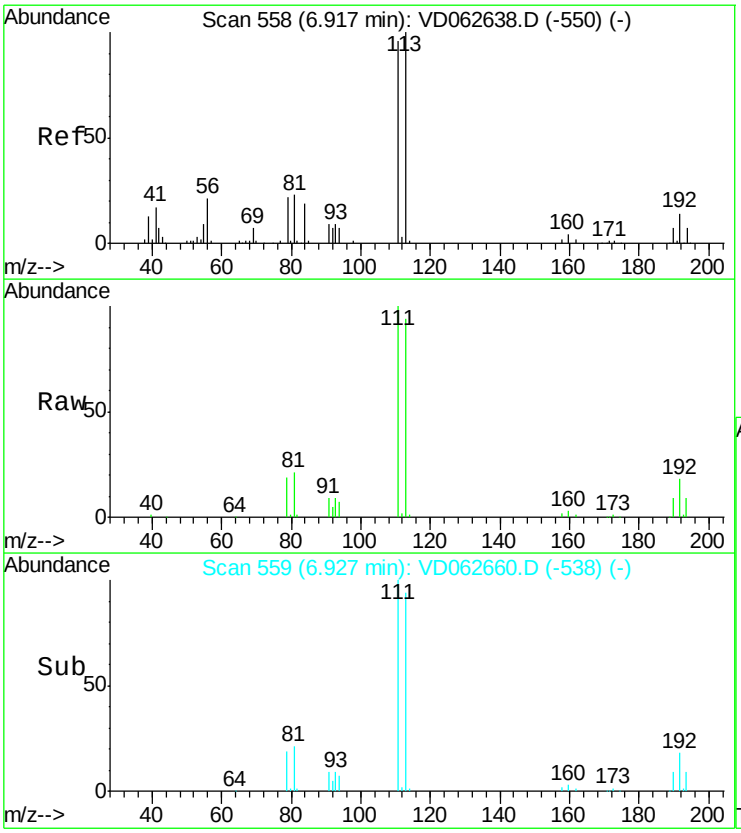
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. -0.00 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Instrument :
MSVOA_D
ClientSampleId :
SB-12_1.0-1.5_060719

Tgt Ion:114 Resp: 787246

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	42.4
88	18.0	0.0	36.8

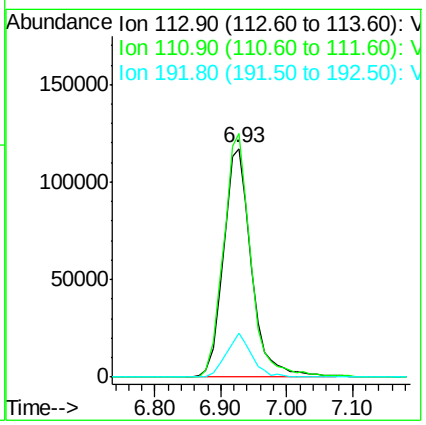


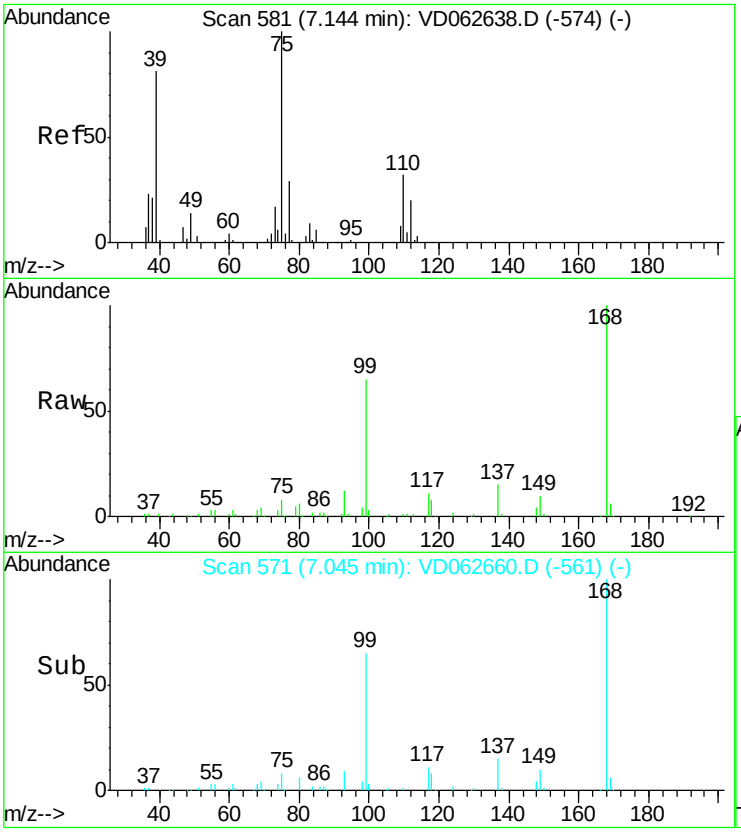


#35
Dibromofluoromethane
Concen: 41.940 ug/l
RT: 6.93 min Scan# 559
Delta R.T. 0.01 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Tgt Ion:113 Resp: 348206

Ion	Ratio	Lower	Upper
113	100		
111	106.4	76.4	114.6
192	19.0	11.4	17.0#



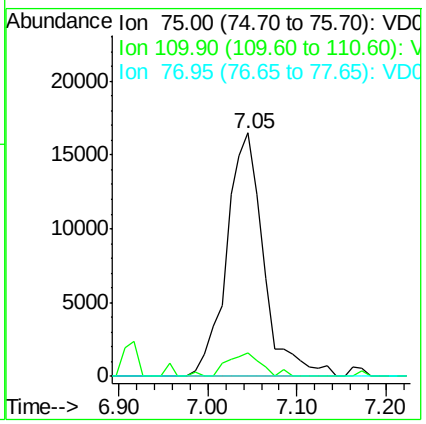


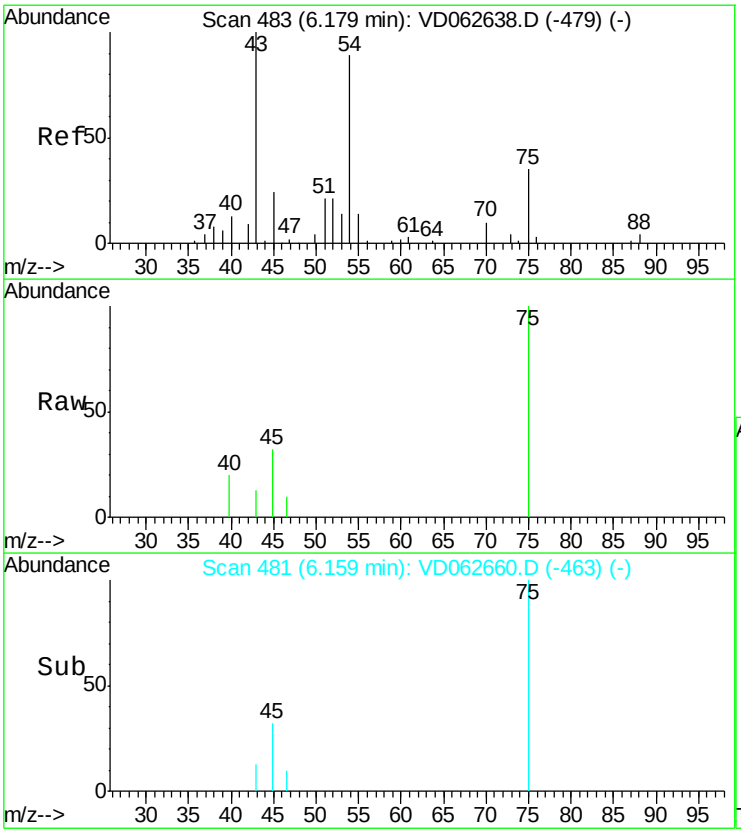
#36
1,1-Dichloropropene
Concen: 5.307 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.10 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Instrument :
MSVOA_D
ClientSampleId :
SB-12_1.0-1.5_060719

Tgt Ion: 75 Resp: 47814

Ion	Ratio	Lower	Upper
75	100		
110	9.9	15.9	47.7#
77	0.0	23.3	34.9#

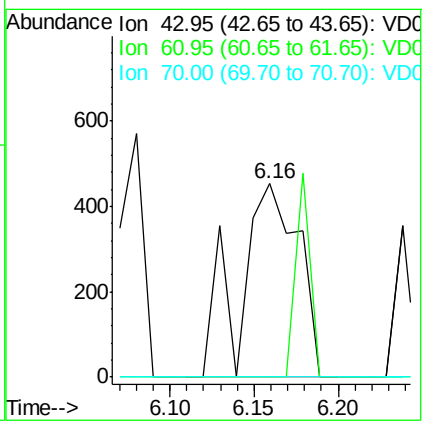


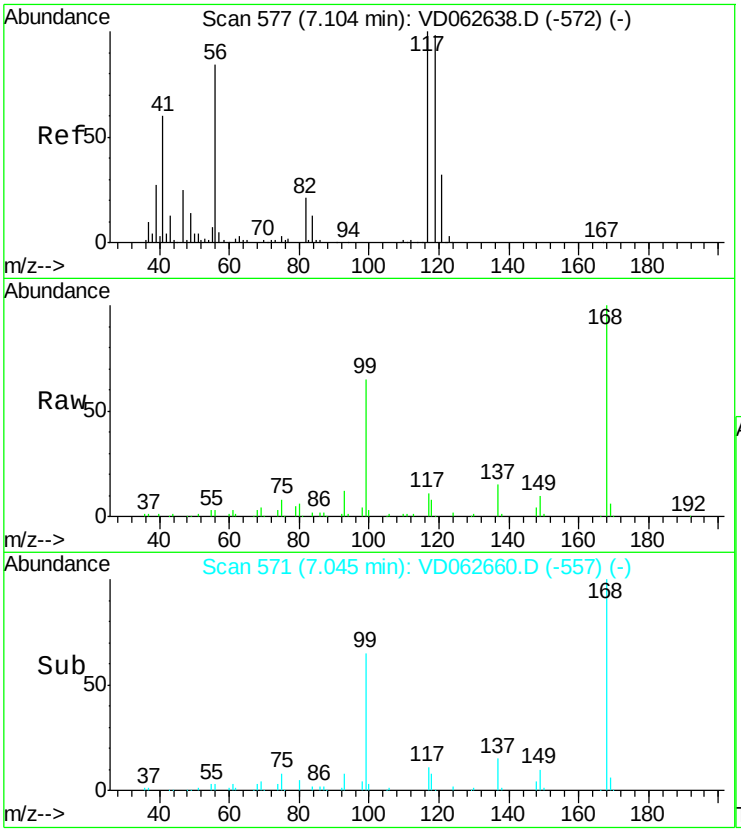


#37
Ethyl Acetate
Concen: 1.480 ug/l
RT: 6.16 min Scan# 481
Delta R.T. -0.02 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Tgt Ion: 43 Resp: 1099

Ion	Ratio	Lower	Upper
43	100		
61	0.0	8.7	13.1#
70	0.0	6.5	9.7#



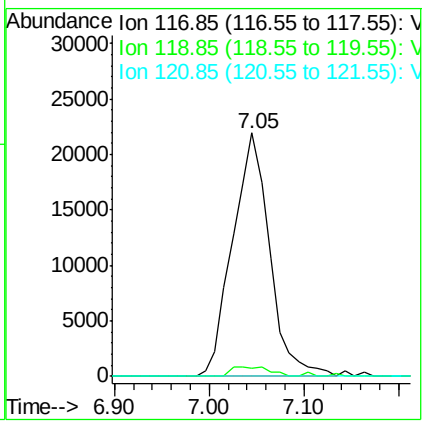


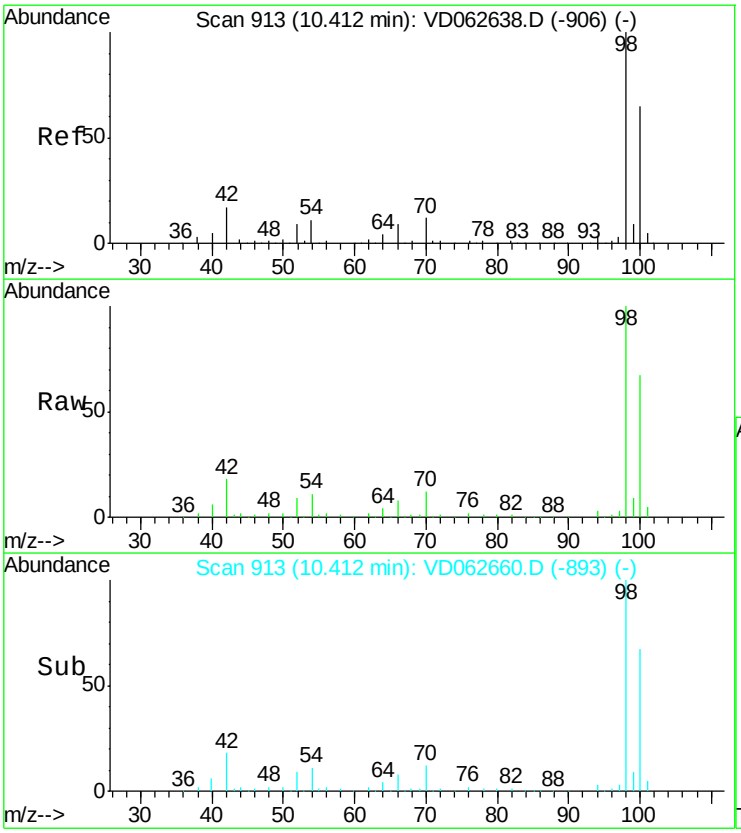
#38
Carbon Tetrachloride
Concen: 4.174 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.06 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Instrument :
MSVOA_D
ClientSampleId :
SB-12_1.0-1.5_060719

Tgt Ion:117 Resp: 59436

Ion	Ratio	Lower	Upper
117	100		
119	3.5	73.5	110.3#
121	0.0	24.2	36.4#

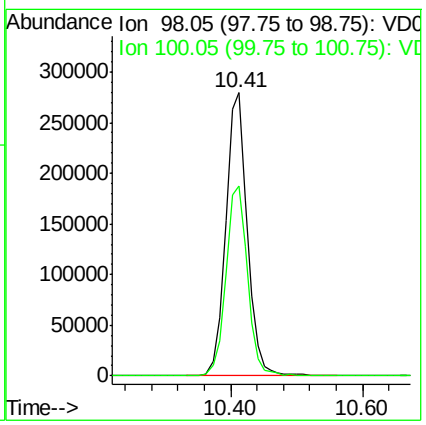


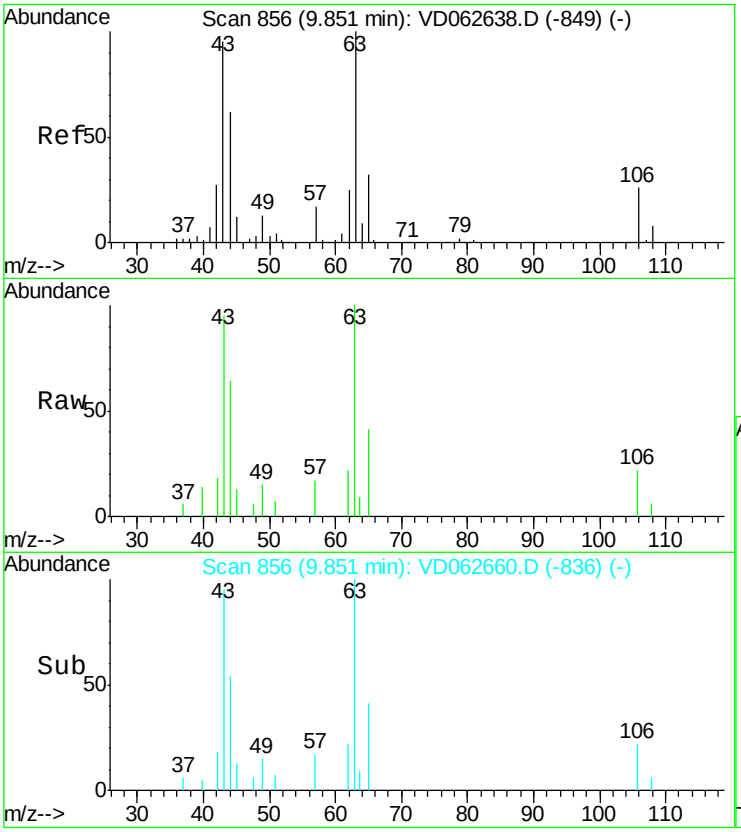


#50
Toluene-d8
Concen: 36.523 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Tgt Ion: 98 Resp: 637896

Ion	Ratio	Lower	Upper
98	100		
100	67.1	52.1	78.1



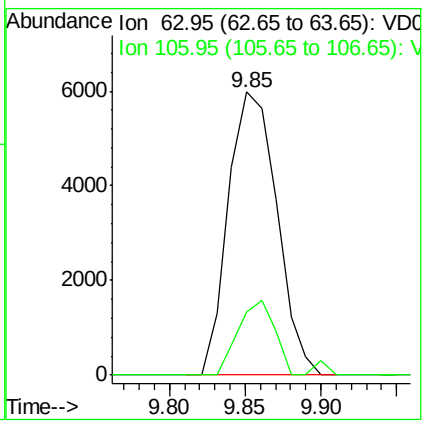


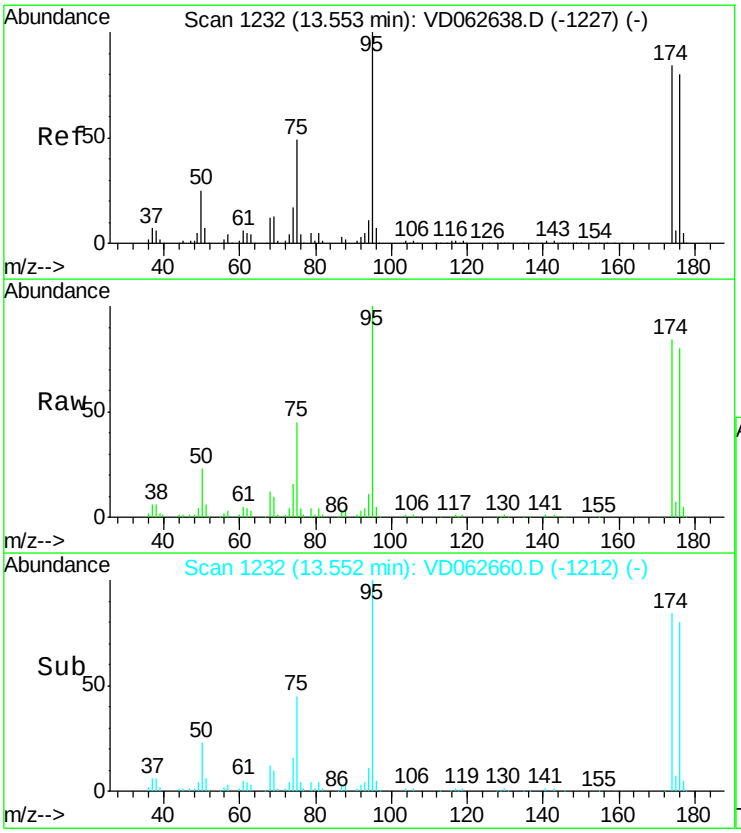
#58
2-Chloroethyl Vinyl ether
Concen: 6.164 ug/l
RT: 9.85 min Scan# 856
Delta R.T. -0.00 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Instrument :
MSVOA_D
ClientSampleId :
SB-12_1.0-1.5_060719

Tgt Ion: 63 Resp: 13364

Ion	Ratio	Lower	Upper
63	100		
106	20.7	20.5	30.7

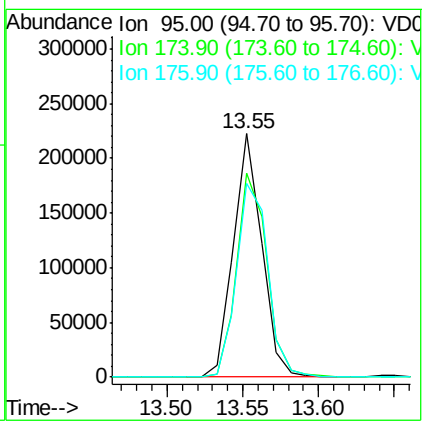


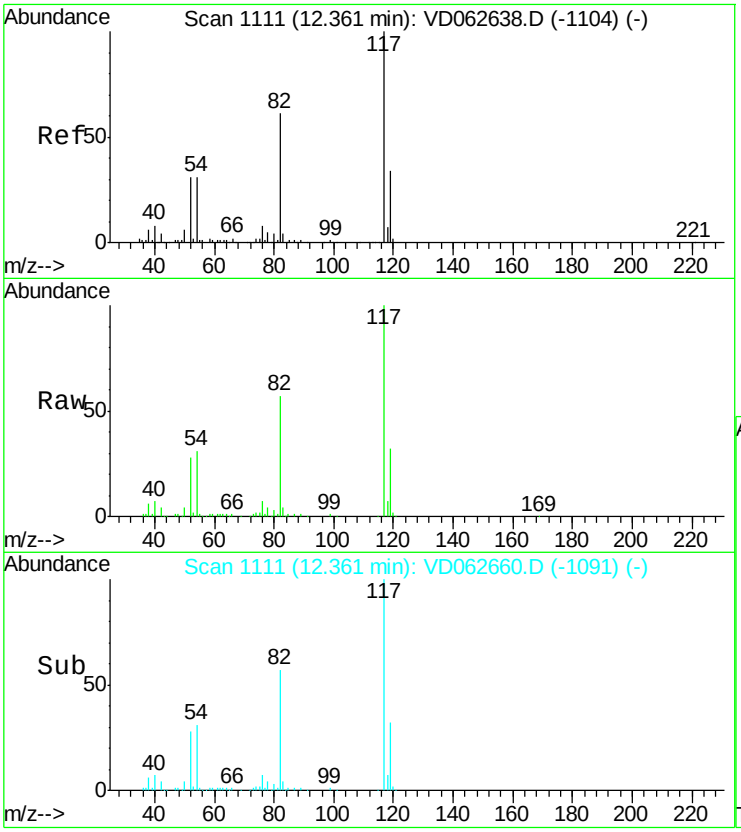


#62
4-Bromofluorobenzene
Concen: 35.443 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Tgt Ion: 95 Resp: 288801

Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	167.0
176	79.5	0.0	159.2



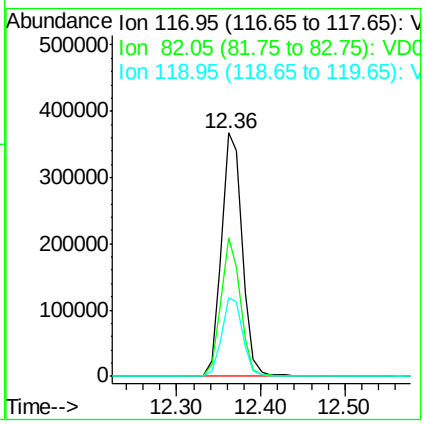


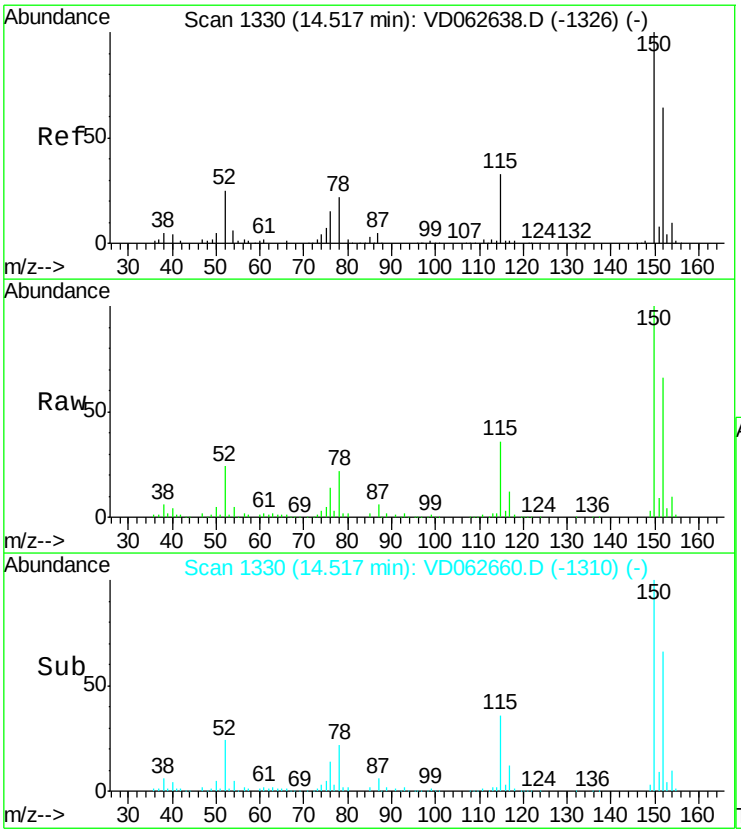
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Instrument :
MSVOA_D
ClientSampleId :
SB-12_1.0-1.5_060719

Tgt Ion:117 Resp: 629970

Ion	Ratio	Lower	Upper
117	100		
82	56.8	48.7	73.1
119	32.0	27.0	40.6

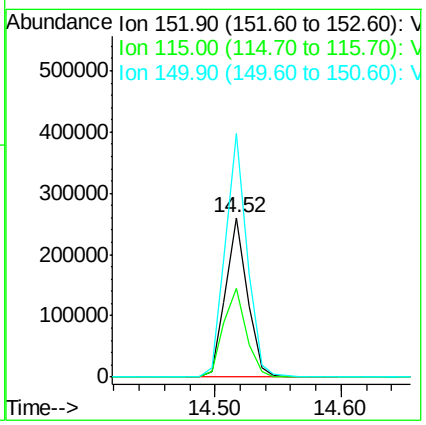


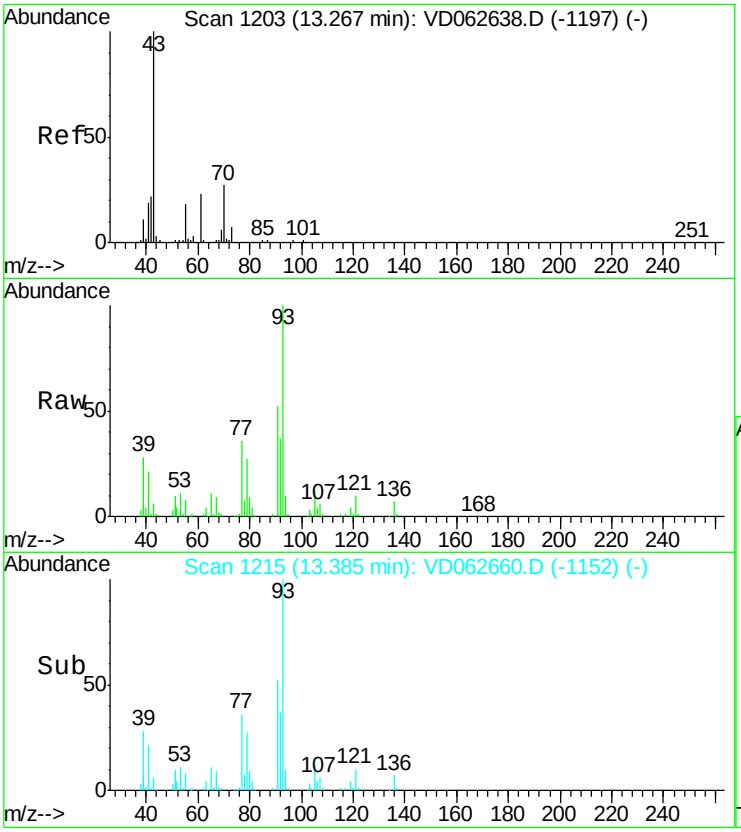


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Tgt Ion:152 Resp: 312935

Ion	Ratio	Lower	Upper
152	100		
115	55.3	30.1	90.5
150	152.4	0.0	314.0



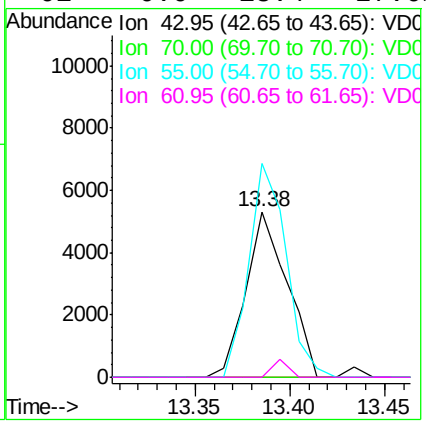


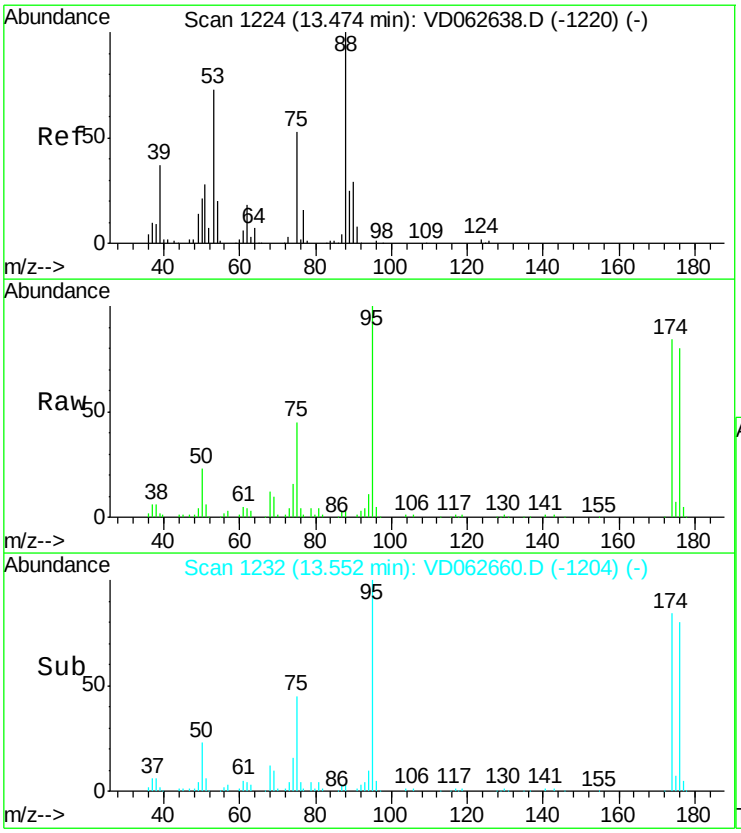
#74
N-amyl acetate
Concen: 1.351 ug/l
RT: 13.38 min Scan# 1215
Delta R.T. 0.12 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Instrument : MSVOA_D
ClientSampleId : SB-12_1.0-1.5_060719

Tgt Ion: 43 Resp: 8051

Ion	Ratio	Lower	Upper
43	100		
70	0.0	21.8	32.8#
55	129.2	14.6	21.8#
61	0.0	18.4	27.6#

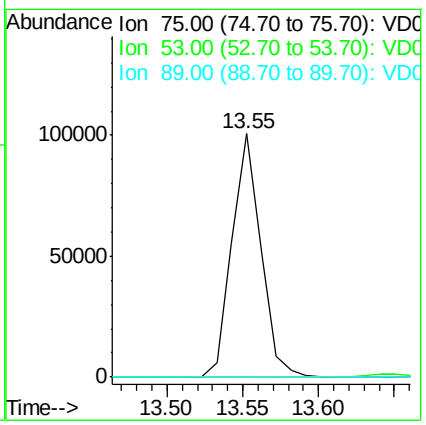


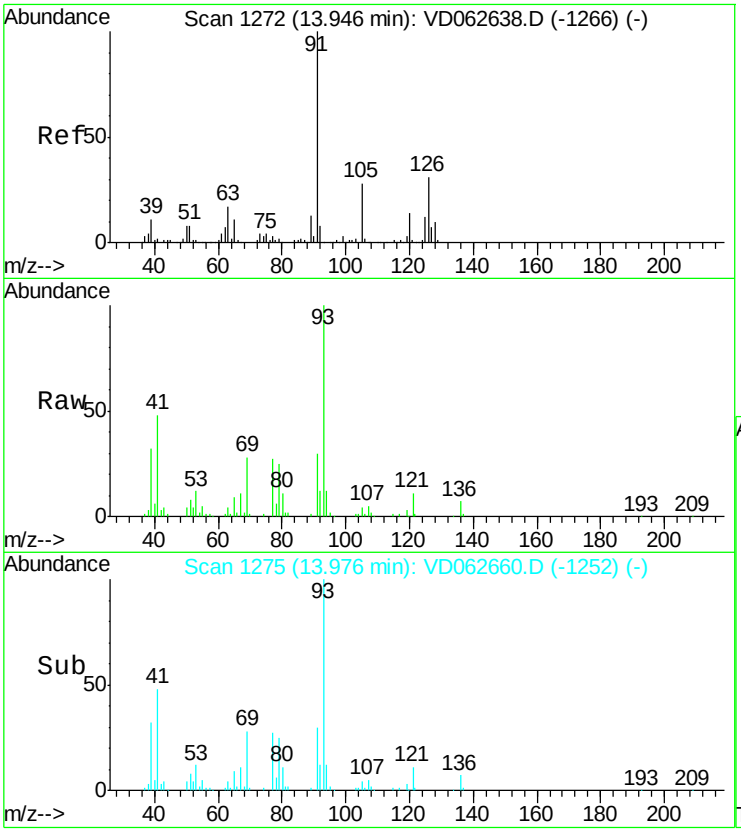


#81
trans-1,4-Dichloro-2-butene
Concen: 100.817 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Tgt Ion: 75 Resp: 132262

Ion	Ratio	Lower	Upper
75	100		
53	0.0	109.4	164.2#
89	0.0	37.0	55.6#



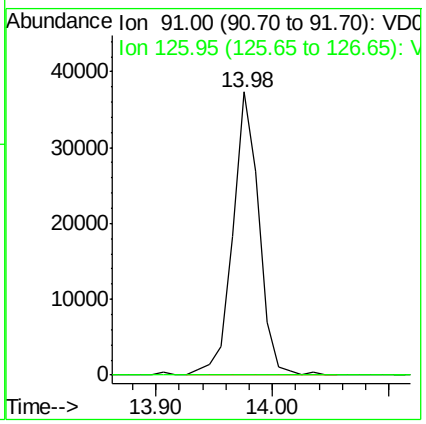


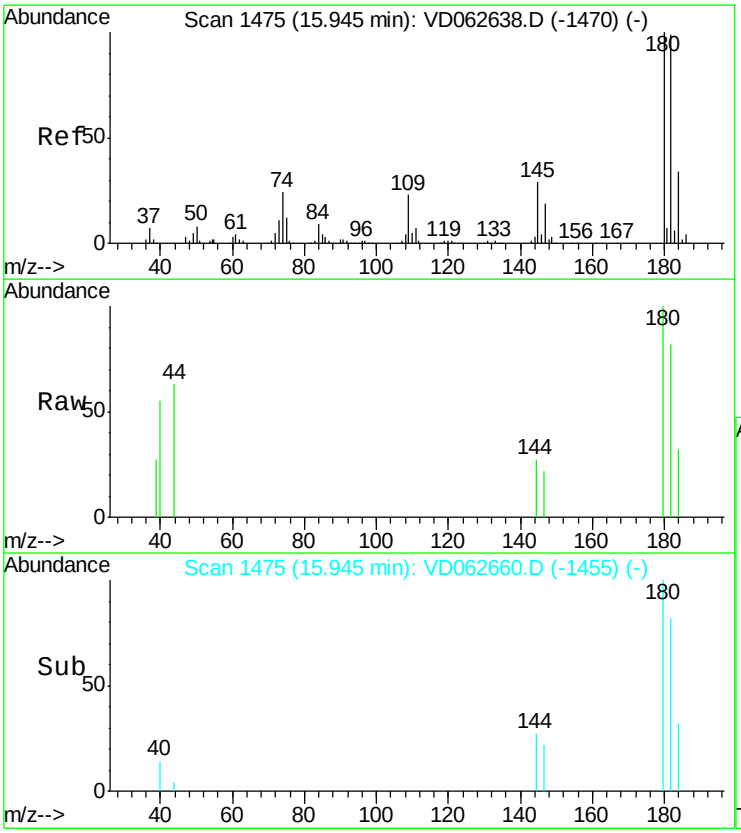
#82
4-Chlorotoluene
Concen: 3.045 ug/l
RT: 13.98 min Scan# 1275
Delta R.T. 0.03 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Instrument :
MSVOA_D
ClientSampleId :
SB-12_1.0-1.5_060719

Tgt Ion: 91 Resp: 57574

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.6	46.8#

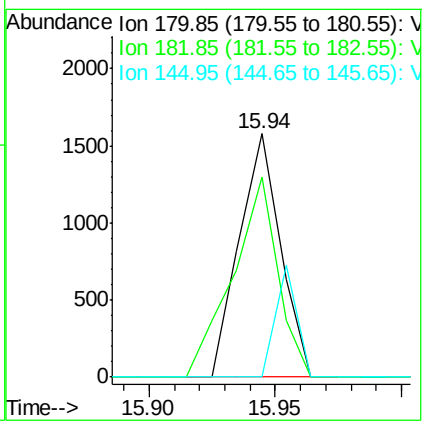


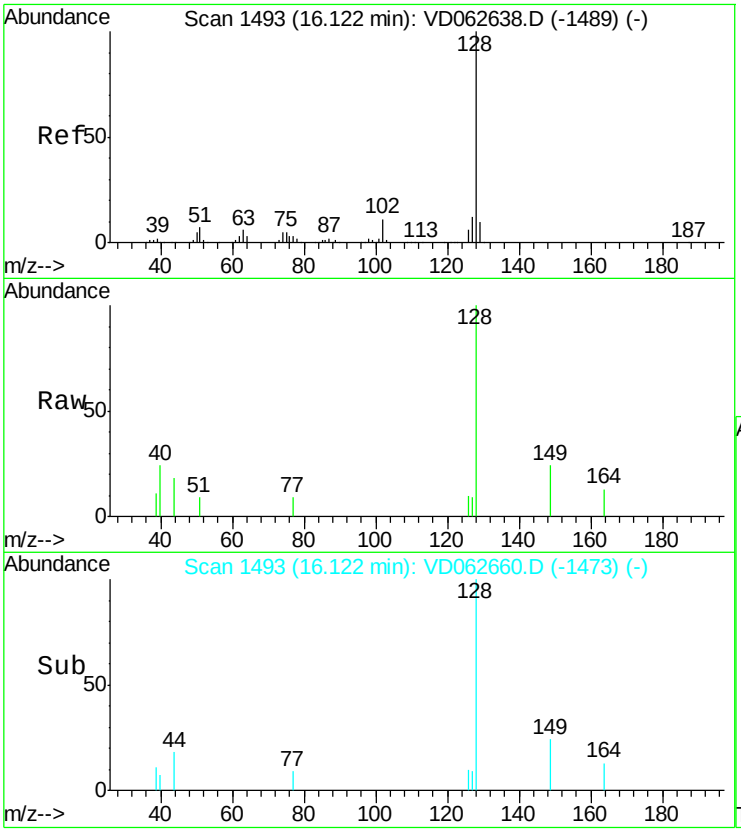


#93
1,2,4-Trichlorobenzene
Concen: 3.775 ug/l
RT: 15.94 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Tgt Ion:180 Resp: 1790

Ion	Ratio	Lower	Upper
180	100		
182	82.1	49.4	148.2
145	0.0	14.5	43.6#





#95
Naphthalene
Concen: 3.741 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Instrument :
MSVOA_D
ClientSampleId :
SB-12_1.0-1.5_060719

Tgt Ion:128 Resp: 3561

Ion	Ratio	Lower	Upper
128	100		
127	9.4	9.7	14.5#
129	0.0	8.1	12.1#