Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122018\
Data File : VD060665.D
Acq On : 20 Dec 2018 18:24
Operator : VA/AP
Sample : J6481-03
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PROP-SW-1

Quant Time: Dec 21 03:39:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 03:34:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	452904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.44	114	701464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	612658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	286378	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	227355	72.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 145.28%			
35) Dibromofluoromethane	6.32	113	242466	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.46%			
50) Toluene-d8	9.45	98	526635	34.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 68.76%			
62) 4-Bromofluorobenzene	12.42	95	217818	40.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.20%			
Target Compounds						Qvalue
15) Acrylonitrile	4.08	53	1431	1.884	ug/l #	42
16) Acetone	3.15	43	6621	12.113	ug/l #	90
18) Methyl Acetate	3.56	43	7730	5.706	ug/l #	63
20) Methylene Chloride	3.72	84	22617	3.984	ug/l	93
25) 2-Butanone	5.63	43	2774	2.652	ug/l #	61
29) Tetrahydrofuran	5.96	42	1587	2.676	ug/l #	40
36) 1,1-Dichloropropene	6.41	75	31830	4.407	ug/l #	45
38) Carbon Tetrachloride	6.40	117	35308	5.541	ug/l #	15
51) 4-Methyl-2-Pentanone	9.33	43	2969	1.250	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.93	63	5515	3.202	ug/l	95
69) o-Xylene	11.93	106	8469	1.054	ug/l	62
76) 1,2,3-Trichloropropane	12.42	75	72838	22.340	ug/l #	45
80) 1,3,5-Trimethylbenzene	12.80	105	25229	1.602	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.42	75	90999	101.007	ug/l #	13
89) n-Butylbenzene	13.62	91	22645	1.256	ug/l #	1
90) Hexachloroethane	13.82	117	4829	1.114	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.22	75	1070	2.756	ug/l #	2
95) Naphthalene	14.97	128	44528	5.940	ug/l	97

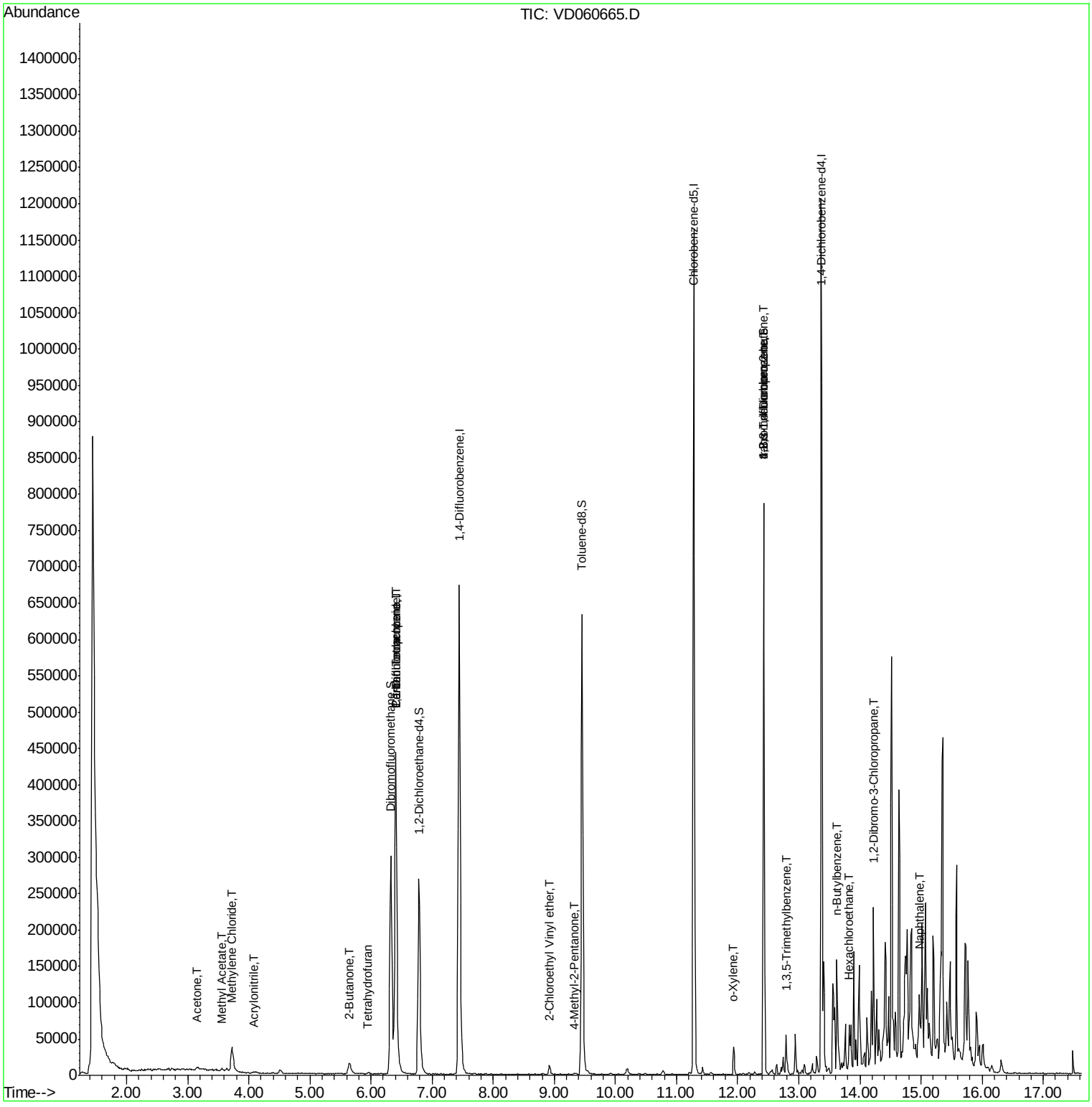
(#) = qualifier out of range (m) = manual integration (+) = signals summed

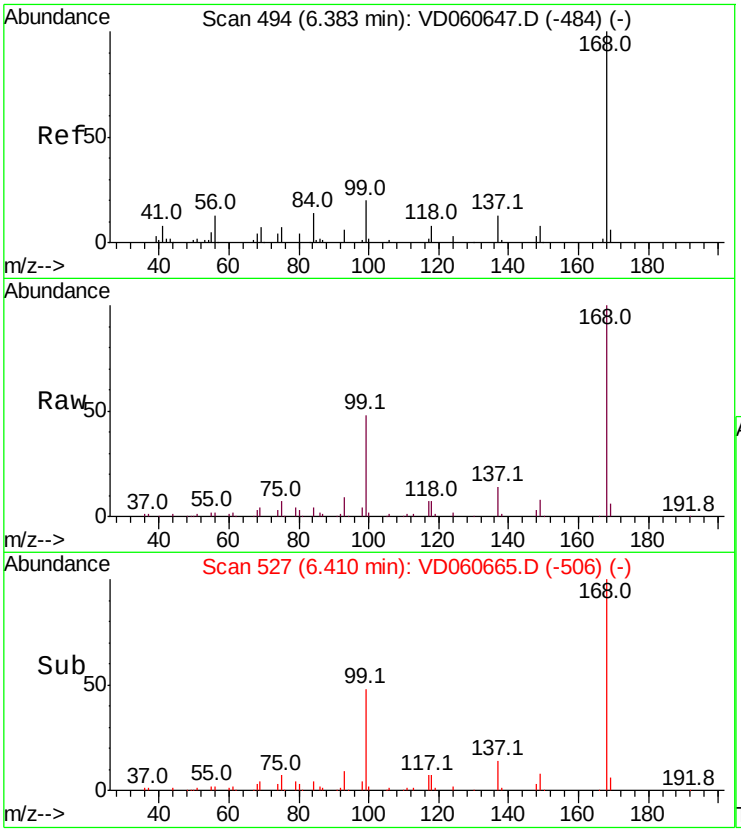
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122018\
Data File : VD060665.D
Acq On : 20 Dec 2018 18:24
Operator : VA/AP
Sample : J6481-03
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1

Quant Time: Dec 21 03:39:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 03:34:39 2018
Response via : Initial Calibration



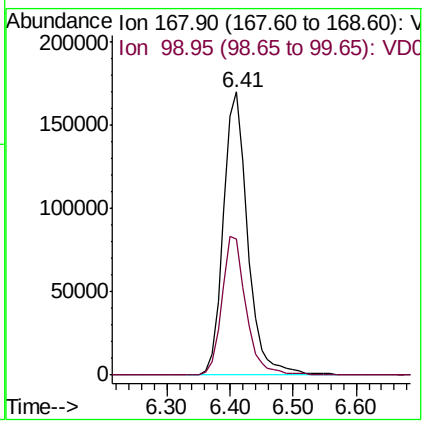


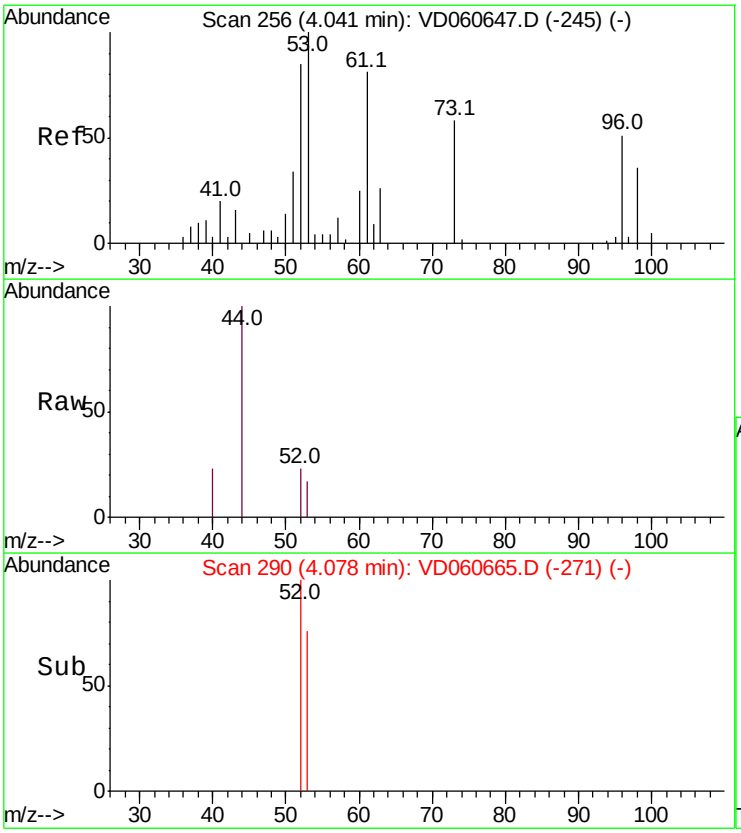
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.41 min Scan# 527
Delta R.T. 0.00 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1

Tgt Ion:168 Resp: 452904

Ion	Ratio	Lower	Upper
168	100		
99	48.1	38.7	58.1

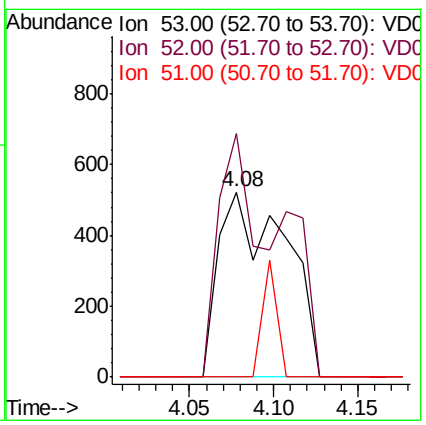


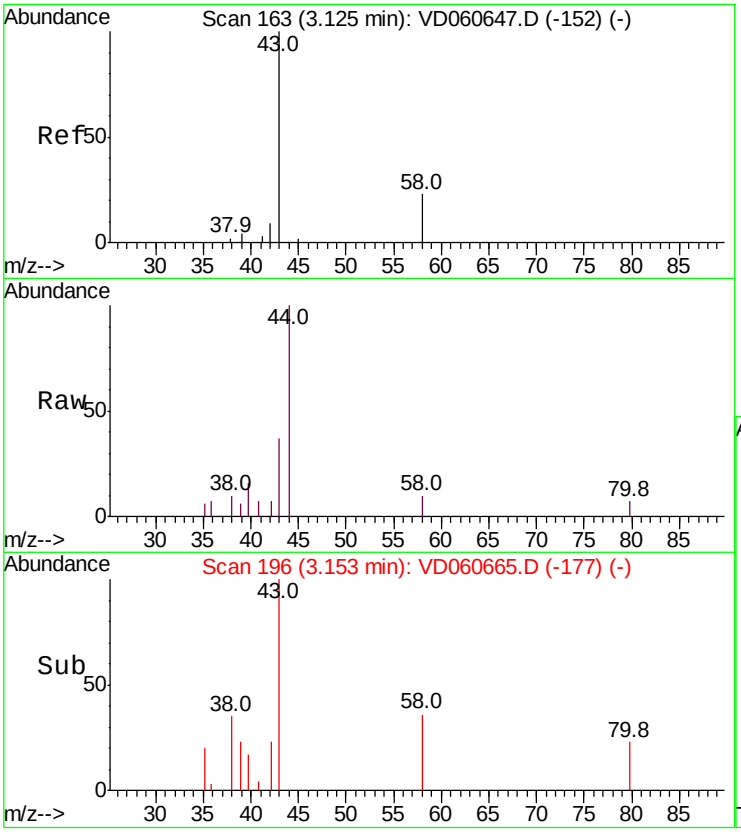


#15
Acrylonitrile
Concen: 1.884 ug/l
RT: 4.08 min Scan# 290
Delta R.T. -0.02 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Tgt Ion: 53 Resp: 1431

Ion	Ratio	Lower	Upper
53	100		
52	131.8	66.7	100.1#
51	0.0	32.7	49.1#



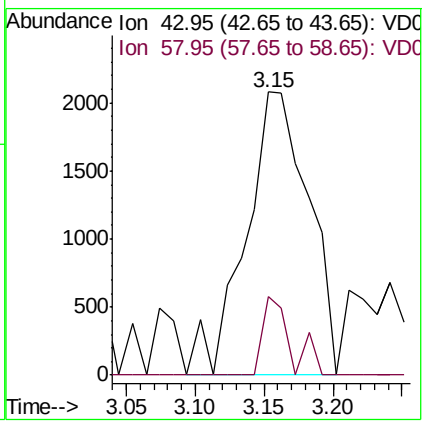


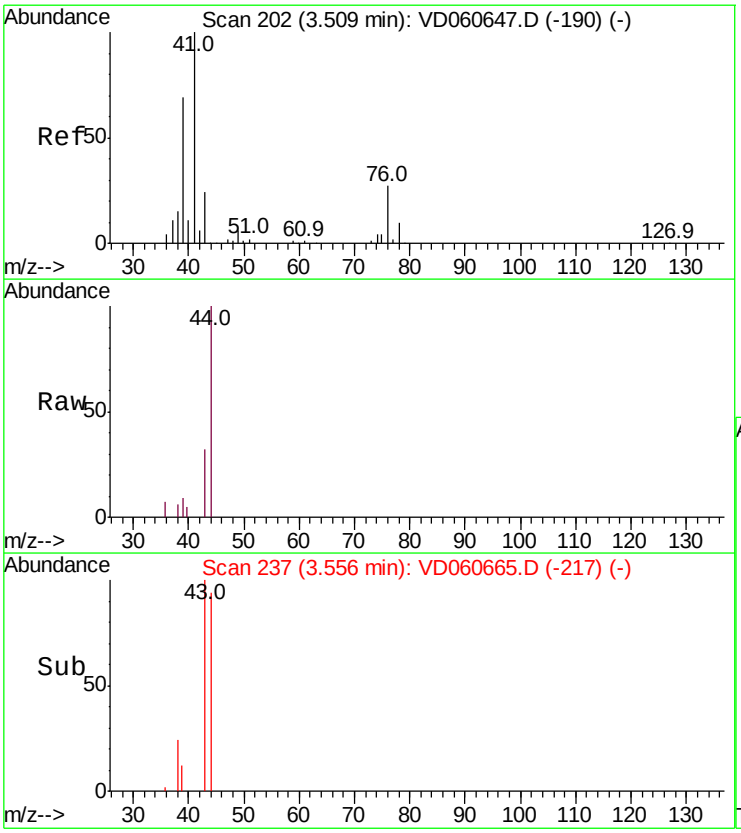
#16
Acetone
Concen: 12.113 ug/l
RT: 3.15 min Scan# 196
Delta R.T. -0.02 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1

Tgt Ion: 43 Resp: 6621

Ion	Ratio	Lower	Upper
43	100		
58	27.6	18.2	27.2#

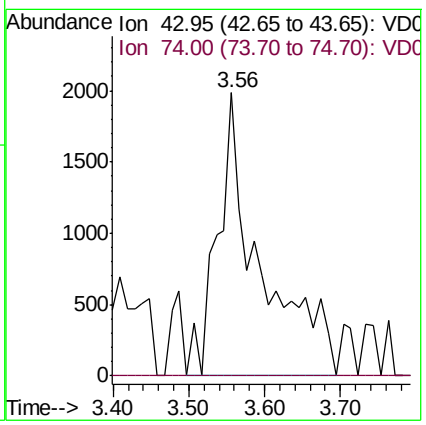


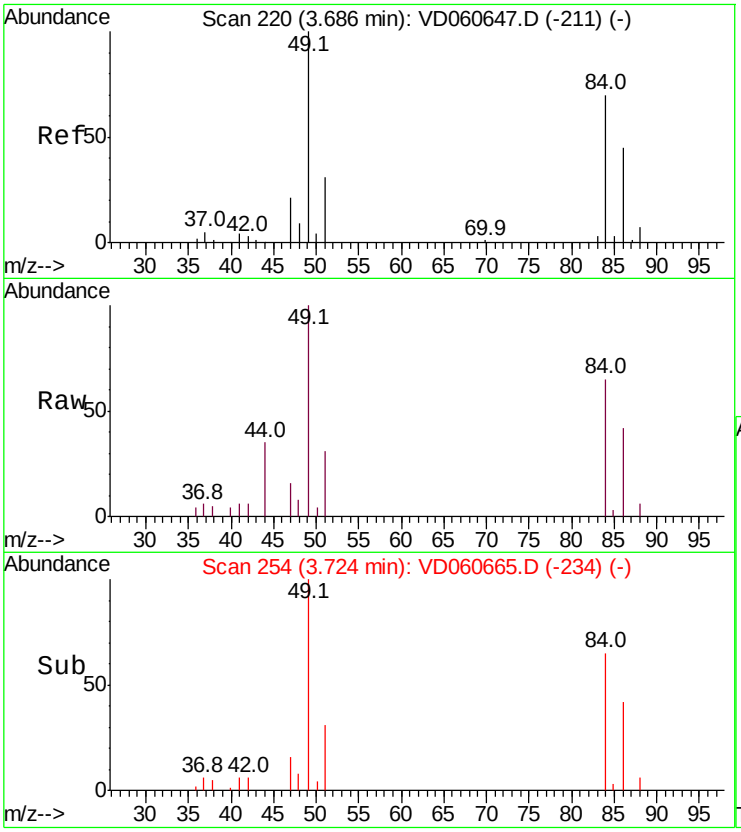


#18
Methyl Acetate
Concen: 5.706 ug/l
RT: 3.56 min Scan# 237
Delta R.T. -0.01 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Tgt Ion: 43 Resp: 7730

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.4	18.6#



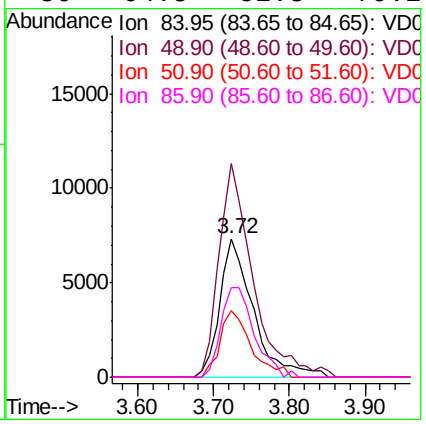


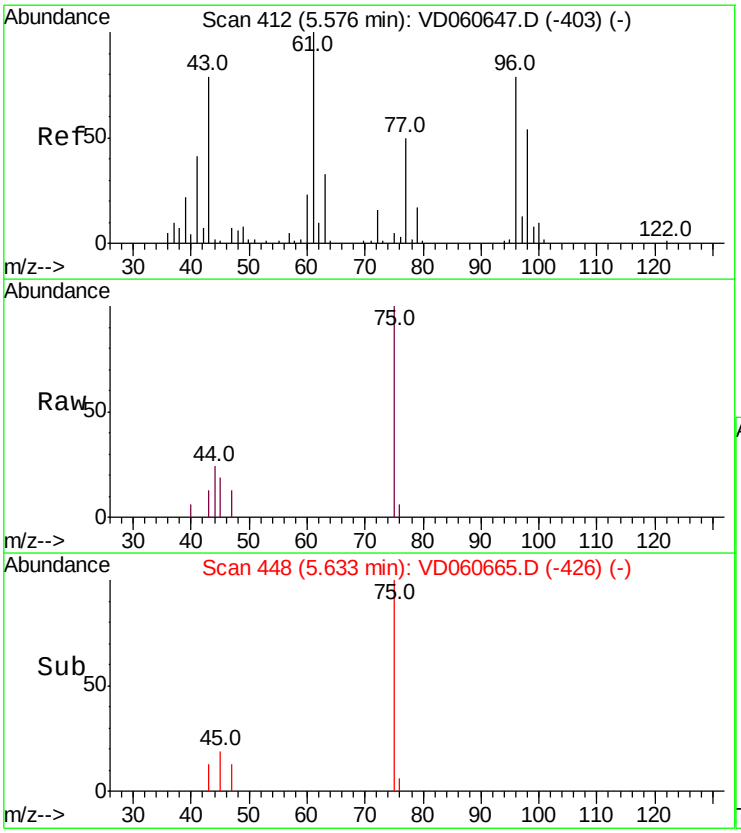
#20
Methylene Chloride
Concen: 3.984 ug/l
RT: 3.72 min Scan# 254
Delta R.T. -0.01 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Instrument : MSVOA_D
ClientSampleId : PROP-SW-1

Tgt Ion: 84 Resp: 22617

Ion	Ratio	Lower	Upper
84	100		
49	153.9	113.6	170.4
51	47.7	34.7	52.1
86	64.5	52.8	79.2

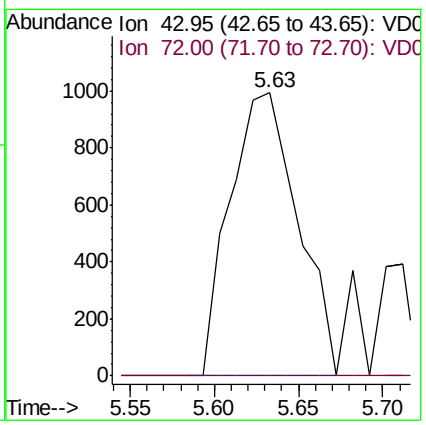


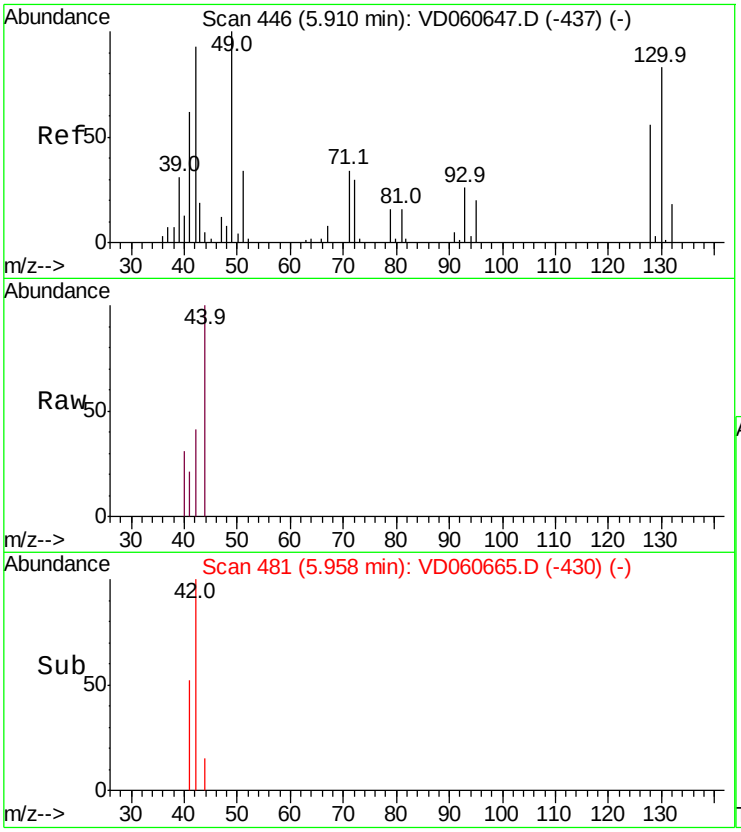


#25
2-Butanone
Concen: 2.652 ug/l
RT: 5.63 min Scan# 448
Delta R.T. 0.01 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Tgt Ion: 43 Resp: 2774

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.7	20.5#



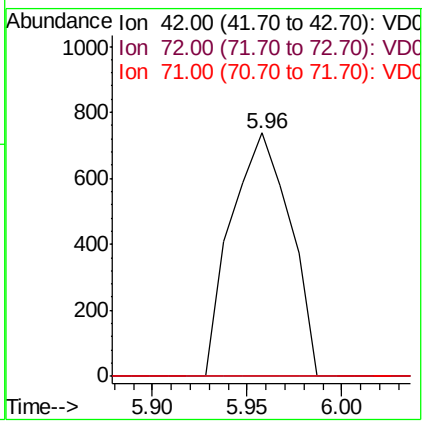


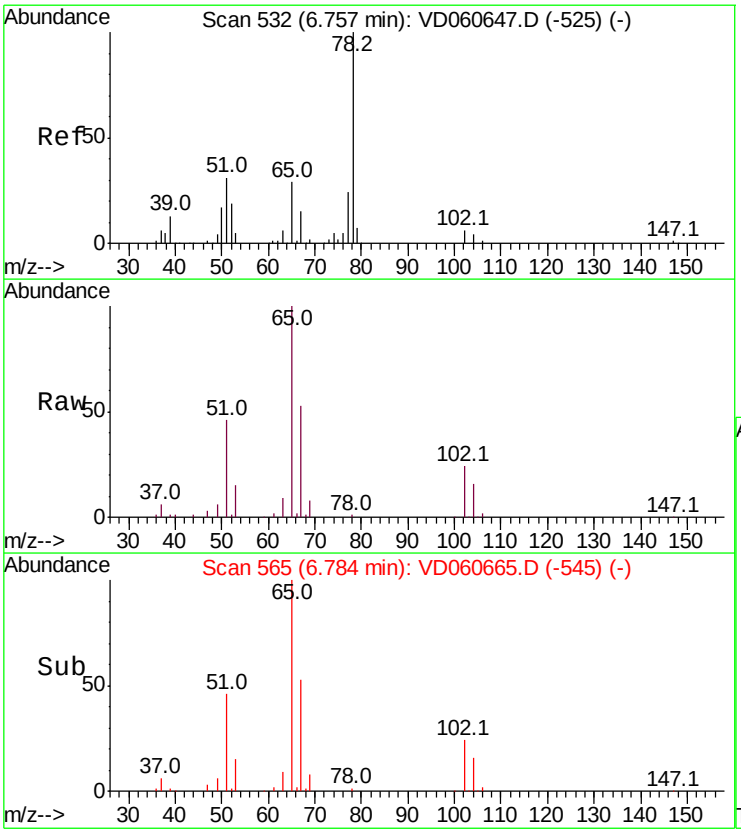
#29
Tetrahydrofuran
Concen: 2.676 ug/l
RT: 5.96 min Scan# 481
Delta R.T. 0.00 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1

Tgt Ion: 42 Resp: 1587

Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.0	42.0#
71	0.0	27.0	40.6#

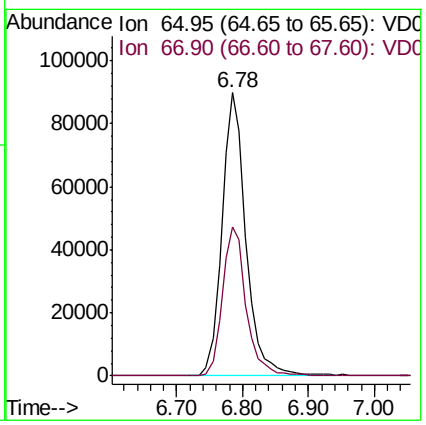


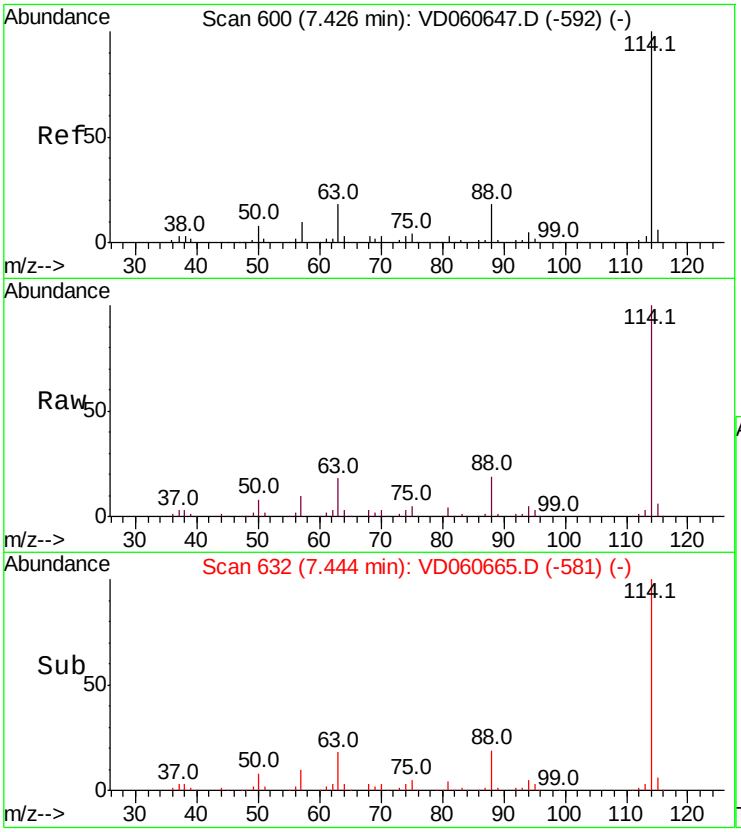


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 565
Delta R.T. -0.01 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Tgt Ion: 65 Resp: 227355

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.4



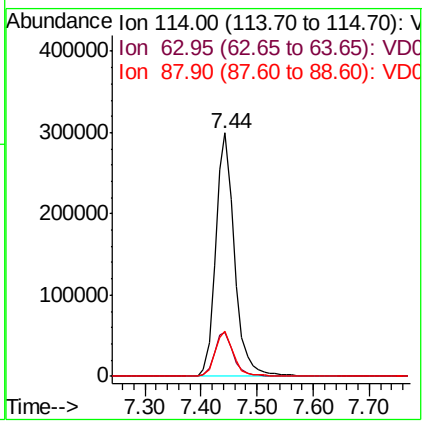


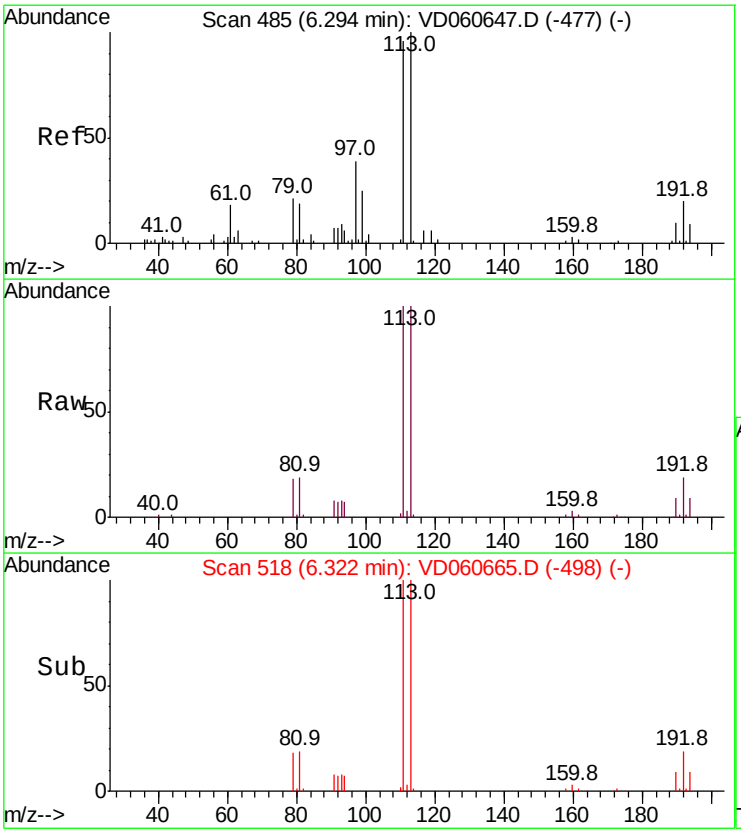
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.44 min Scan# 632
Delta R.T. 0.00 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1

Tgt Ion:114 Resp: 701464

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	36.2
88	18.7	0.0	37.0

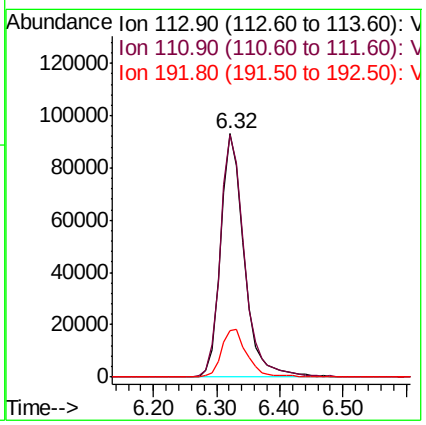


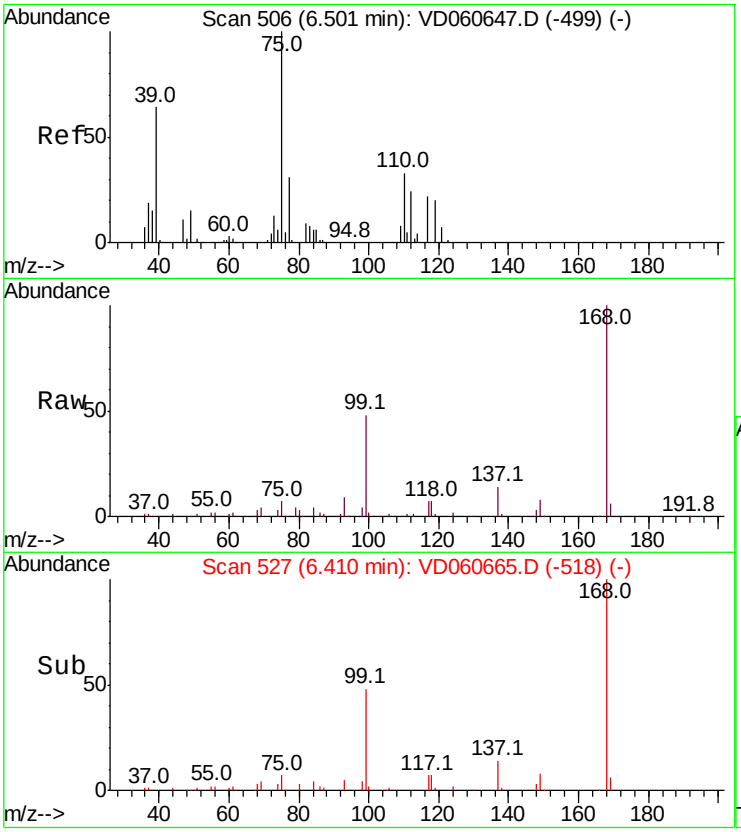


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.32 min Scan# 518
Delta R.T. -0.01 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Tgt Ion:113 Resp: 242466

Ion	Ratio	Lower	Upper
113	100		
111	99.8	80.0	120.0
192	19.0	16.6	25.0



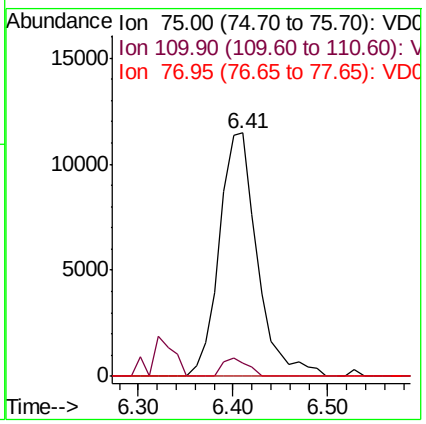


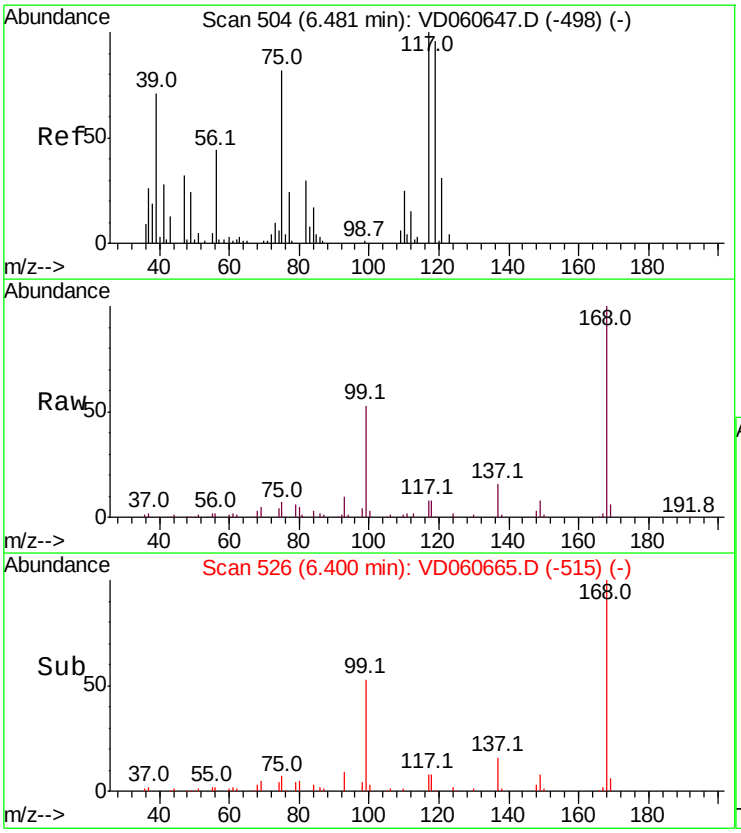
#36
1,1-Dichloropropene
Concen: 4.407 ug/l
RT: 6.41 min Scan# 527
Delta R.T. -0.12 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1

Tgt Ion: 75 Resp: 31830

Ion	Ratio	Lower	Upper
75	100		
110	5.3	18.9	56.7#
77	0.0	25.4	38.0#

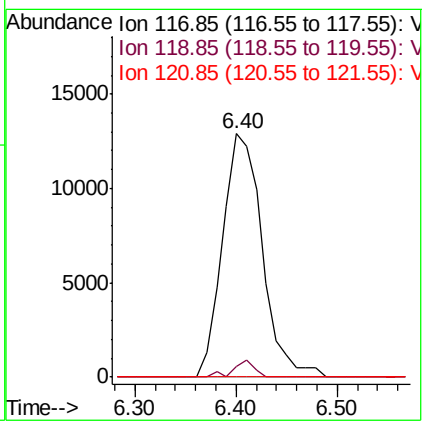


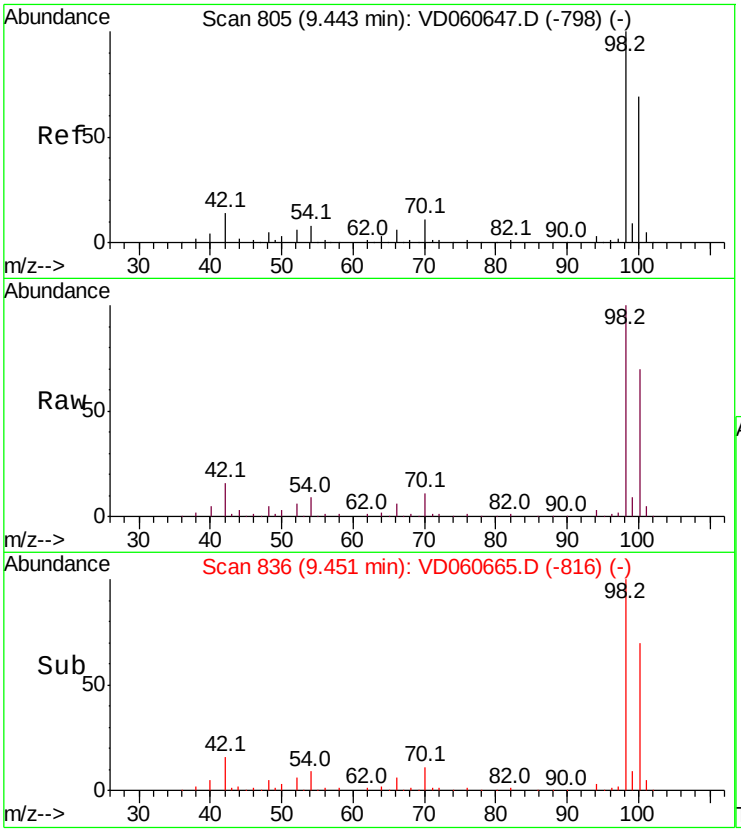


#38
Carbon Tetrachloride
Concen: 5.541 ug/l
RT: 6.40 min Scan# 526
Delta R.T. -0.10 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Tgt Ion:117 Resp: 35308

Ion	Ratio	Lower	Upper
117	100		
119	4.4	77.0	115.4#
121	0.0	24.7	37.1#



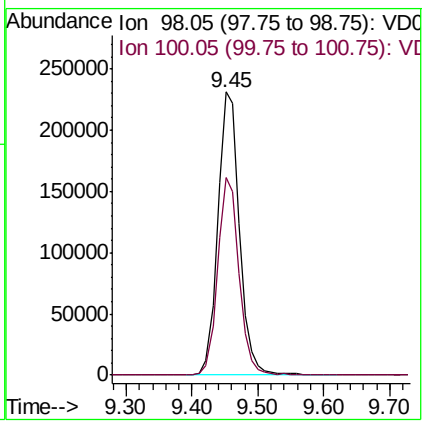


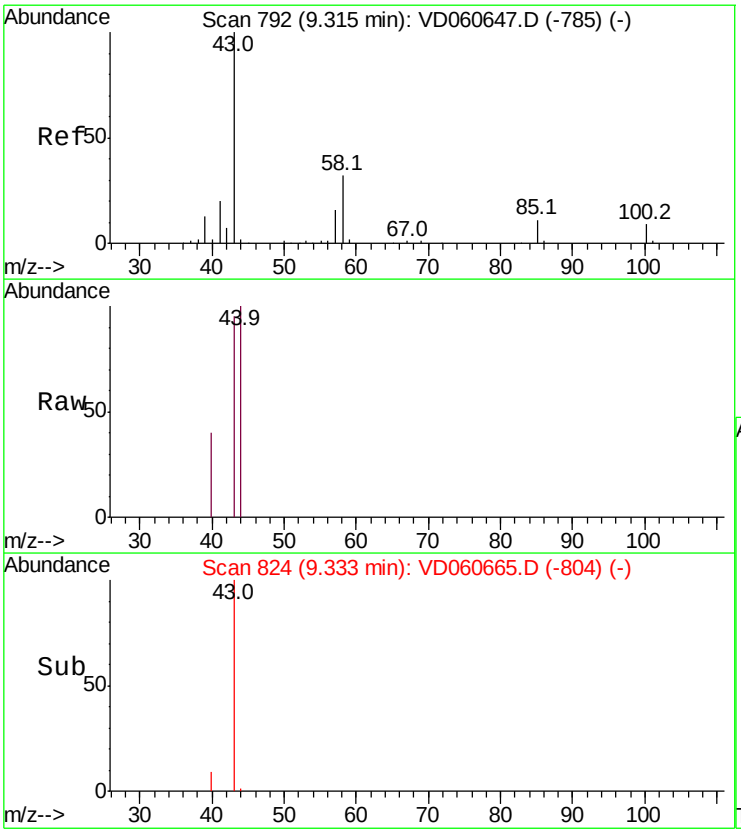
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 836
Delta R.T. -0.01 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1

Tgt Ion: 98 Resp: 526635

Ion	Ratio	Lower	Upper
98	100		
100	69.7	55.8	83.8

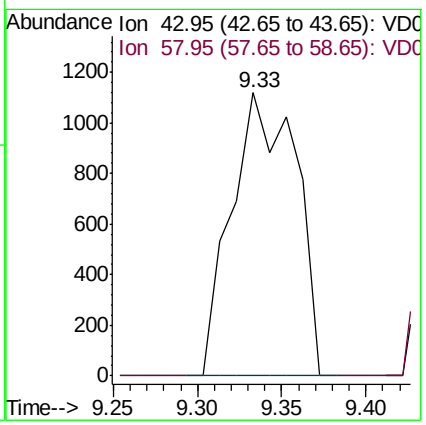


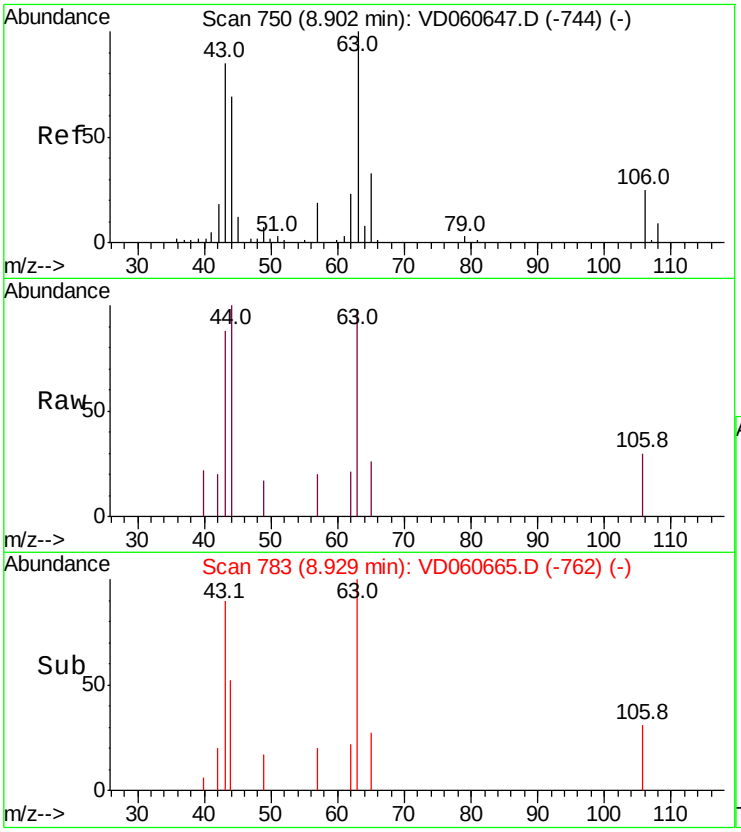


#51
4-Methyl-2-Pentanone
Concen: 1.250 ug/l
RT: 9.33 min Scan# 824
Delta R.T. -0.01 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Tgt Ion: 43 Resp: 2969

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.3	39.5#



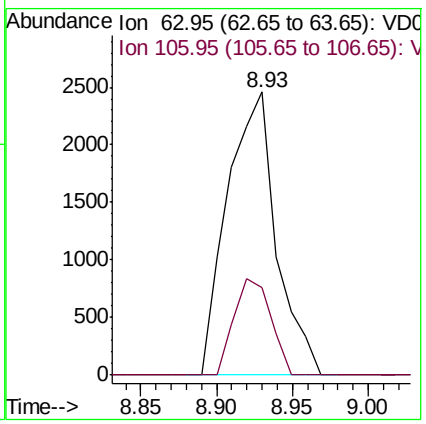


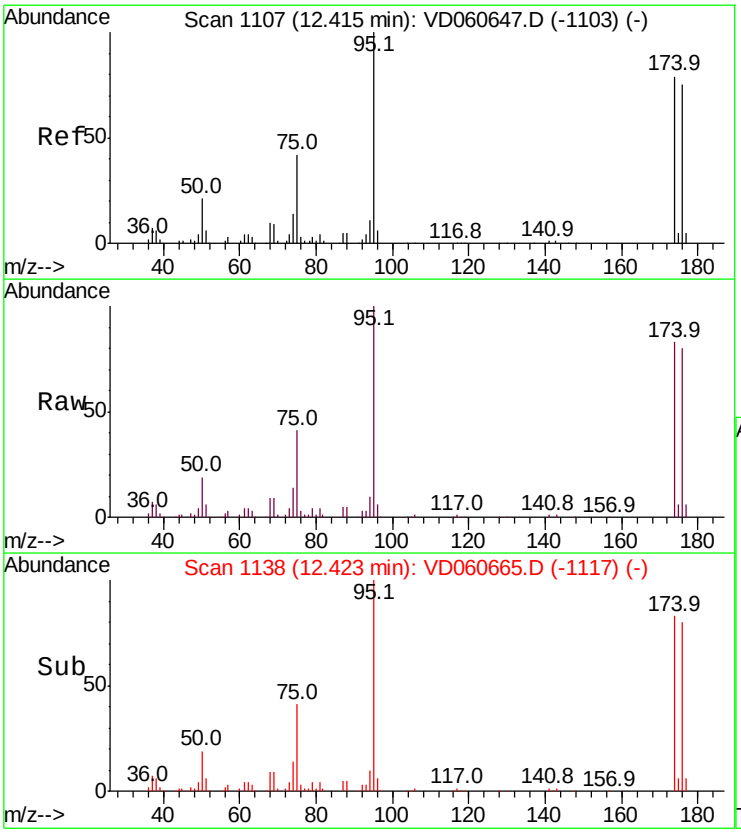
#58
2-Chloroethyl Vinyl ether
Concen: 3.202 ug/l
RT: 8.93 min Scan# 783
Delta R.T. 0.00 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1

Tgt Ion: 63 Resp: 5515

Ion	Ratio	Lower	Upper
63	100		
106	30.8	22.4	33.6

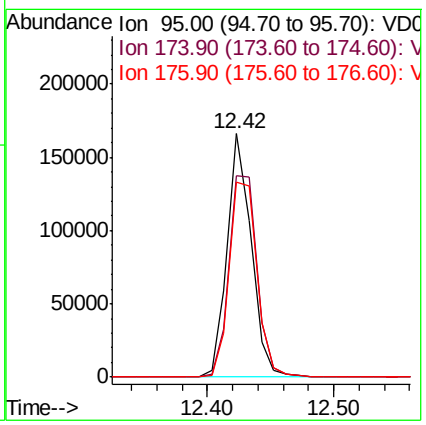


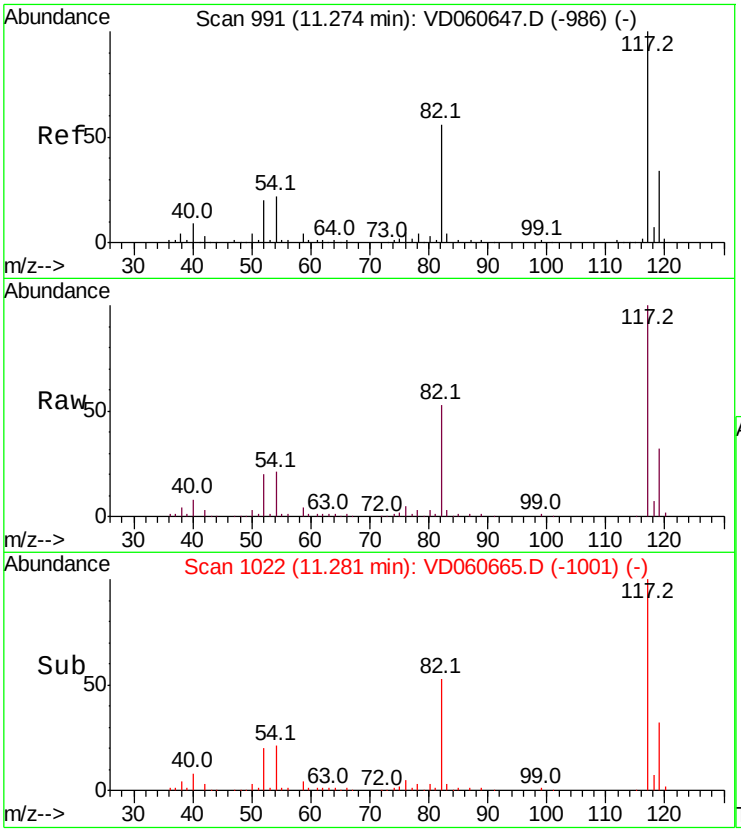


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Tgt Ion: 95 Resp: 217818

Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	158.2
176	79.9	0.0	152.4



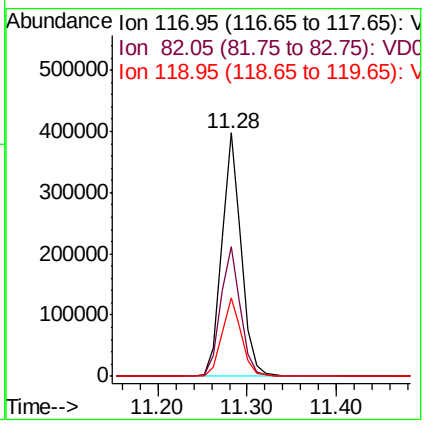


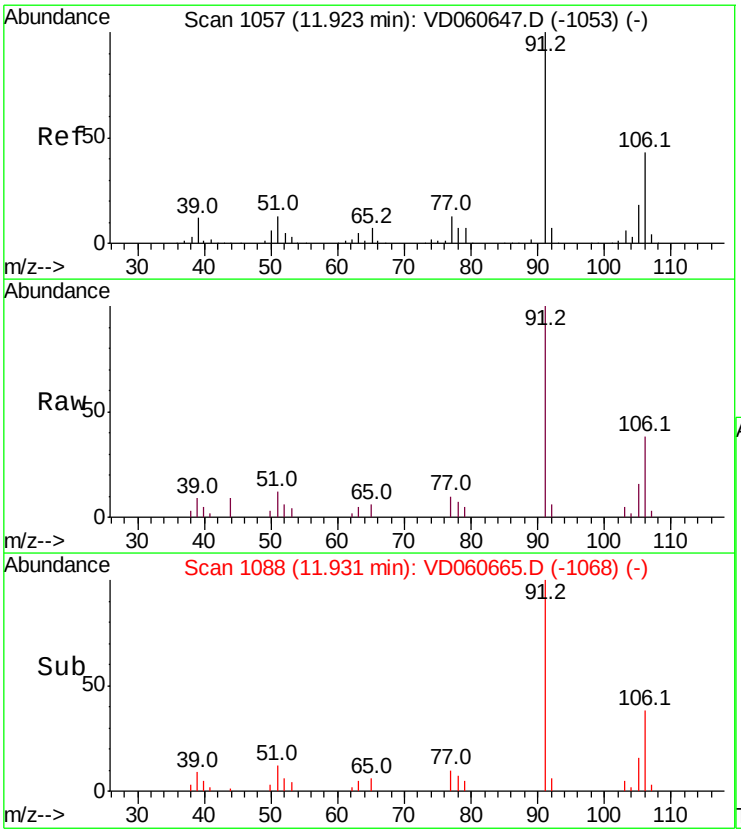
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 1022
Delta R.T. 0.00 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Instrument : MSVOA_D
ClientSampleId : PROP-SW-1

Tgt Ion:117 Resp: 612658

Ion	Ratio	Lower	Upper
117	100		
82	53.2	44.5	66.7
119	32.2	26.3	39.5

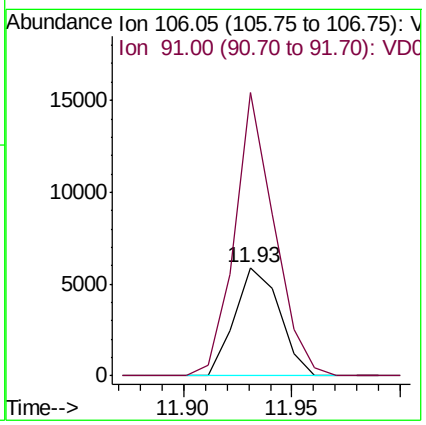


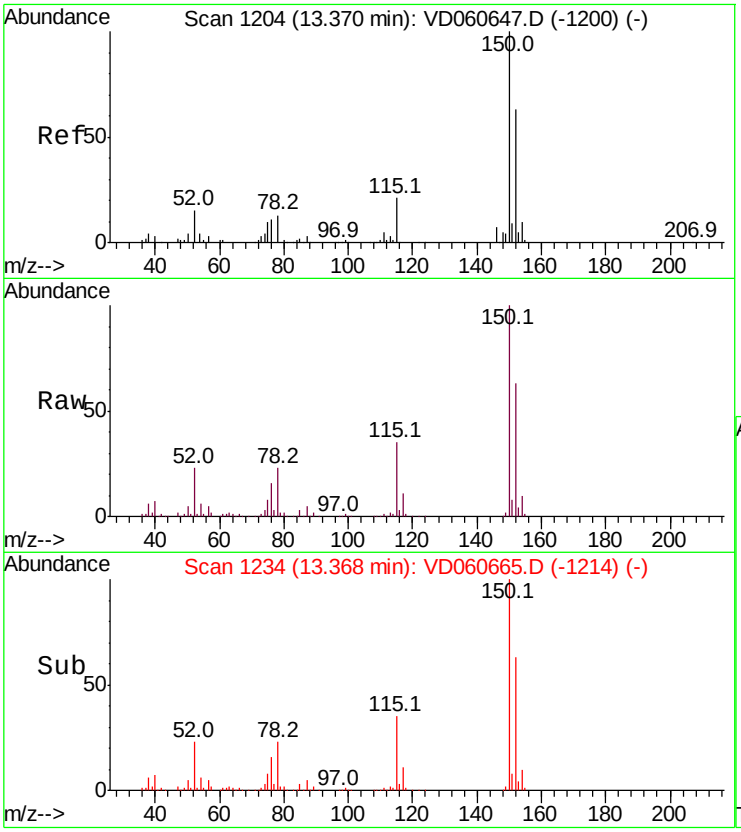


#69
o-Xylene
Concen: 1.054 ug/l
RT: 11.93 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Tgt Ion:106 Resp: 8469

Ion	Ratio	Lower	Upper
106	100		
91	261.7	101.5	304.5



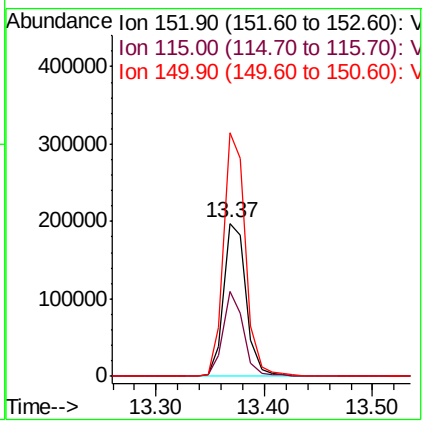


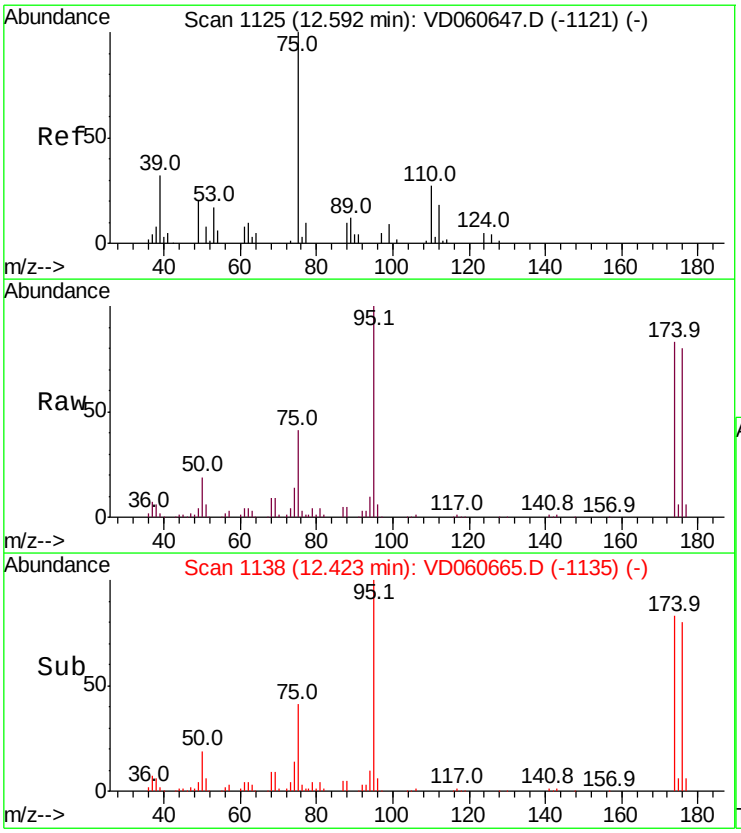
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1234
Delta R.T. -0.01 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Instrument : MSVOA_D
ClientSampleId : PROP-SW-1

Tgt Ion:152 Resp: 286378

Ion	Ratio	Lower	Upper
152	100		
115	55.1	24.1	72.3
150	159.1	0.0	315.0

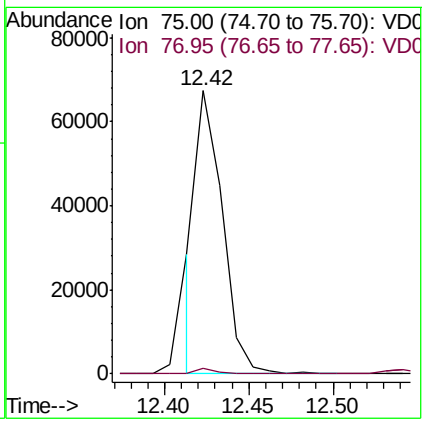


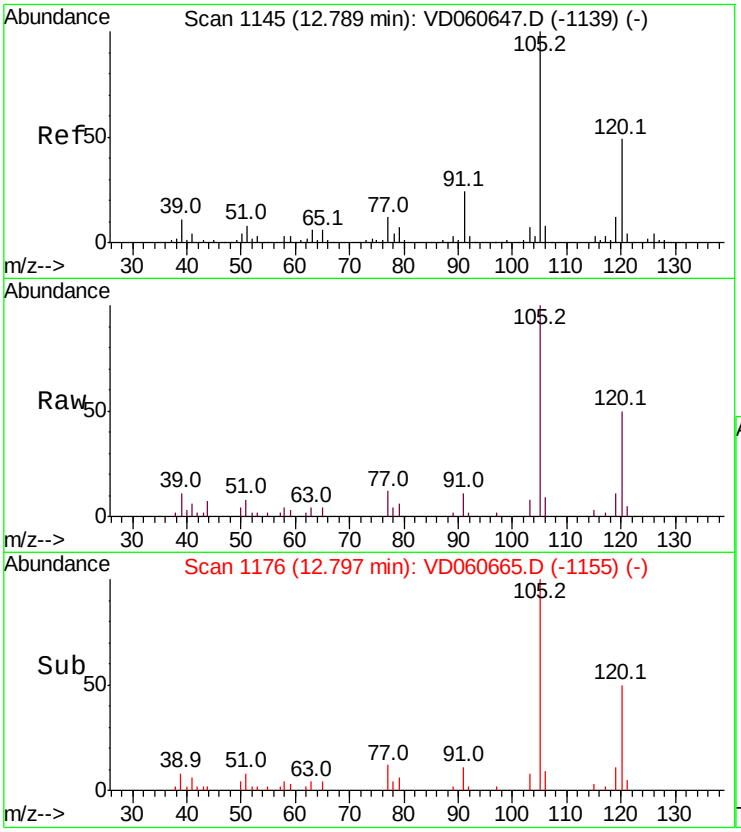


#76
1,2,3-Trichloropropane
Concen: 22.340 ug/l
RT: 12.42 min Scan# 1138
Delta R.T. -0.17 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Tgt Ion: 75 Resp: 72838

Ion	Ratio	Lower	Upper
75	100		
77	1.9	16.7	50.0#



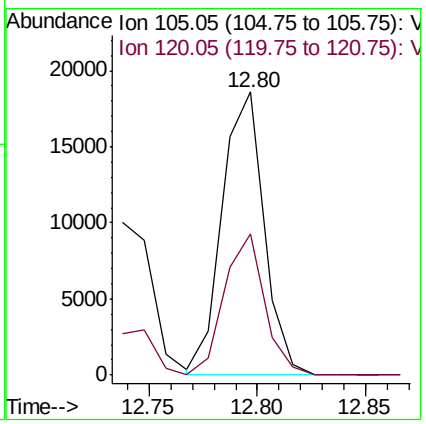


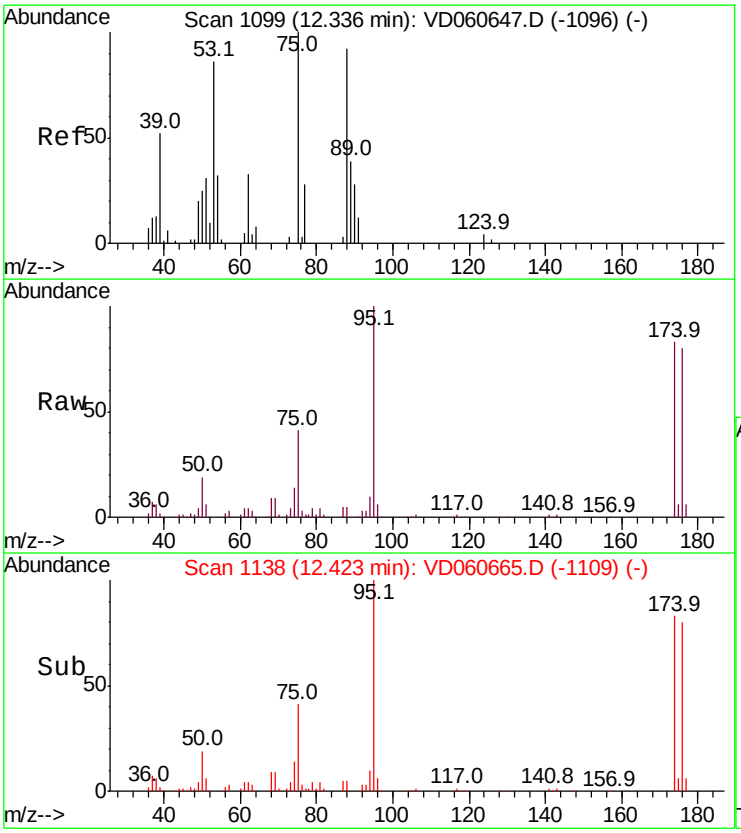
#80
1,3,5-Trimethylbenzene
Concen: 1.602 ug/l
RT: 12.80 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Instrument : MSVOA_D
ClientSampleId : PROP-SW-1

Tgt Ion:105 Resp: 25229

Ion	Ratio	Lower	Upper
105	100		
120	49.9	24.8	74.4

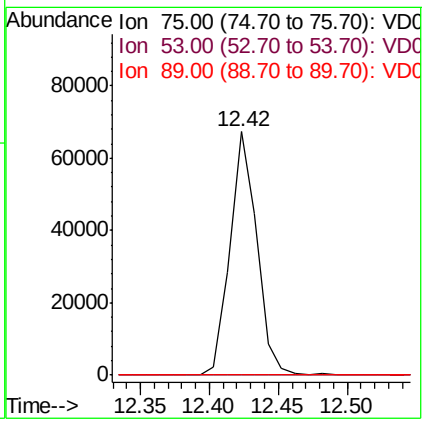


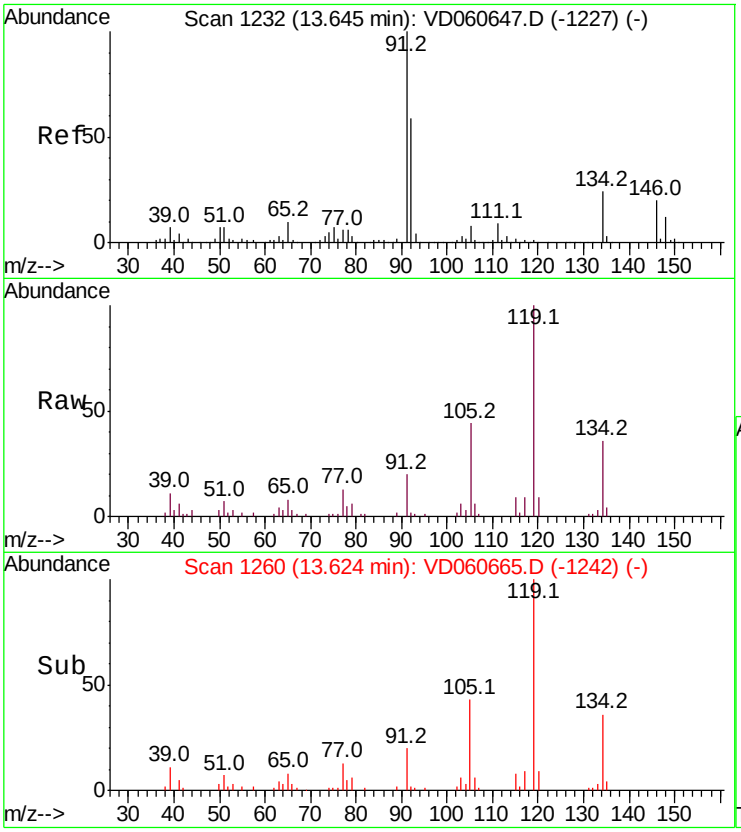


#81
trans-1,4-Dichloro-2-butene
Concen: 101.007 ug/l
RT: 12.42 min Scan# 1138
Delta R.T. 0.08 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Tgt Ion: 75 Resp: 90999

Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.1	108.1#
89	0.0	35.1	52.7#



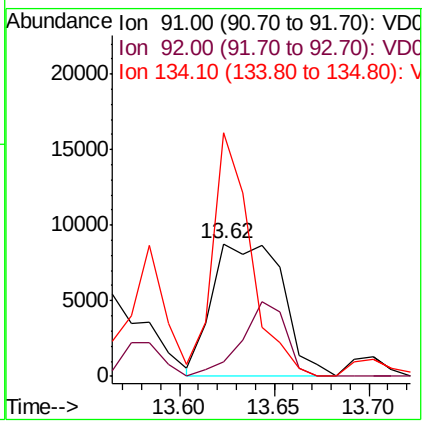


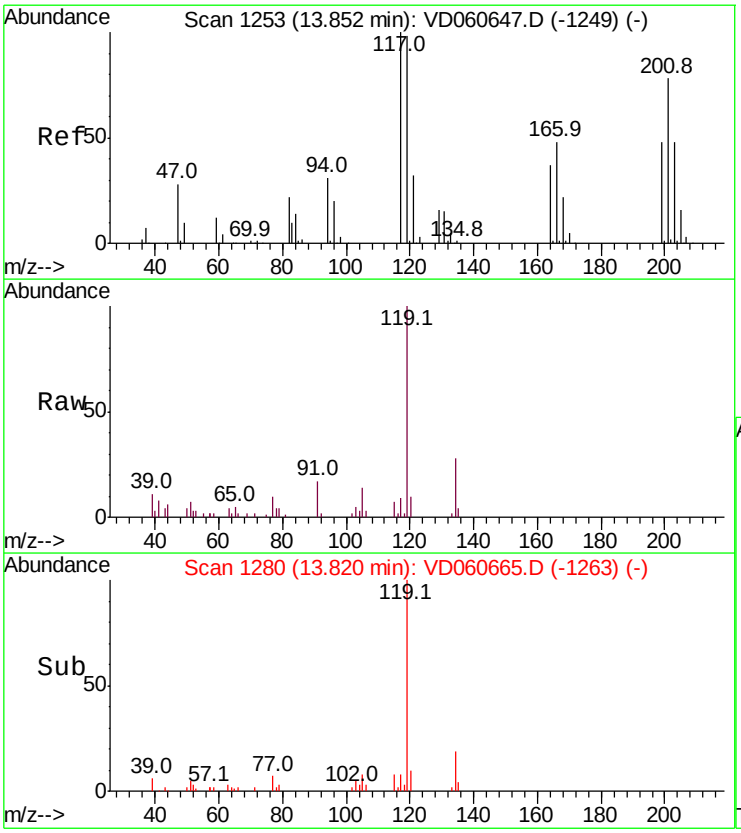
#89
n-Butylbenzene
Concen: 1.256 ug/l
RT: 13.62 min Scan# 1260
Delta R.T. -0.03 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1

Tgt Ion: 91 Resp: 22645

Ion	Ratio	Lower	Upper
91	100		
92	11.0	29.7	89.1#
134	183.4	12.7	38.1#

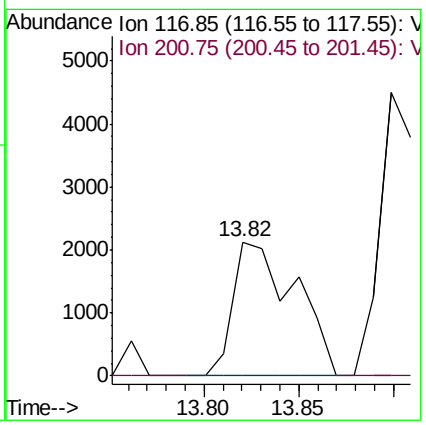


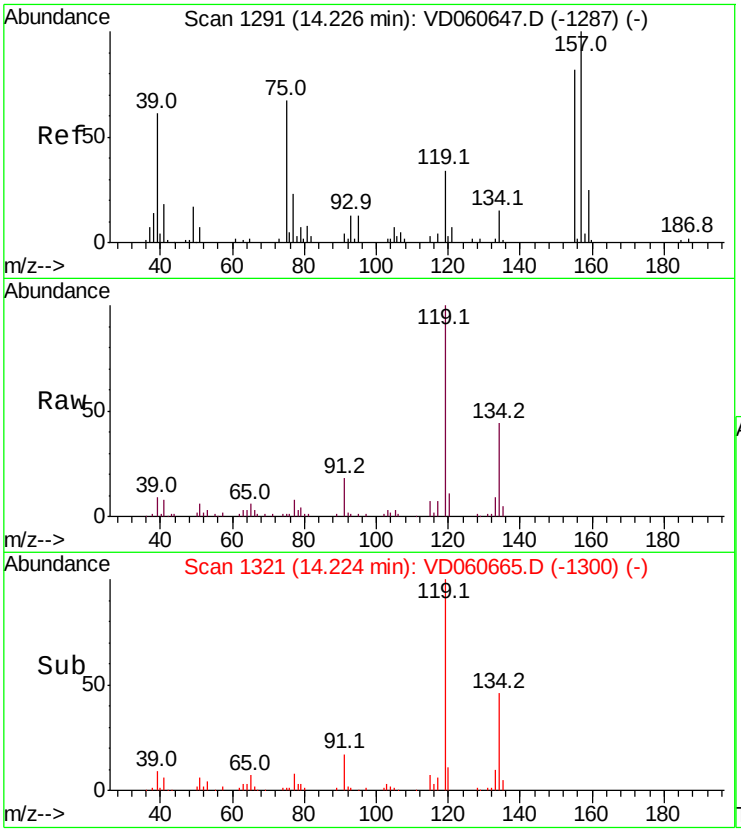


#90
Hexachloroethane
Concen: 1.114 ug/l
RT: 13.82 min Scan# 1280
Delta R.T. -0.04 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Tgt Ion:117 Resp: 4829

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.6	127.8#



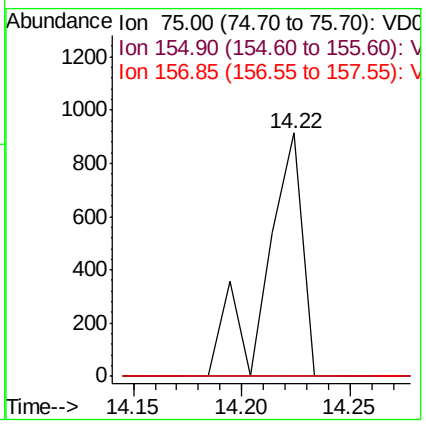


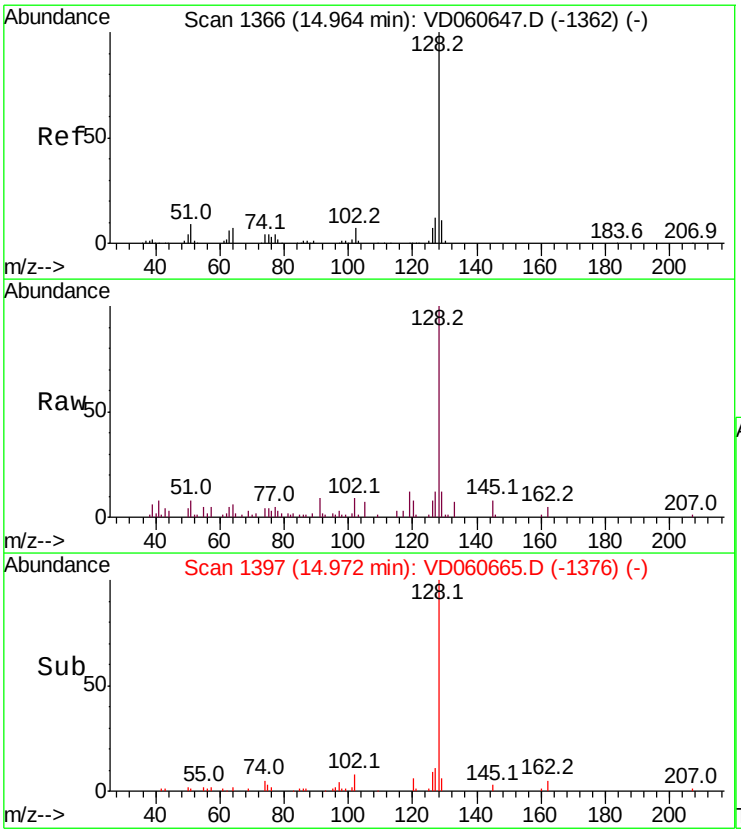
#92
1,2-Dibromo-3-Chloropropane
Concen: 2.756 ug/l
RT: 14.22 min Scan# 1321
Delta R.T. 0.00 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1

Tgt Ion: 75 Resp: 1070

Ion	Ratio	Lower	Upper
75	100		
155	0.0	41.1	123.4#
157	0.0	52.5	157.6#





#95
Naphthalene
Concen: 5.940 ug/l
RT: 14.97 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VD060665.D
Acq: 20 Dec 2018 18:24

Tgt Ion:128 Resp: 44528

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.1	15.1
129	12.3	8.6	13.0