Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091718\
Data File : VD060019.D
Acq On : 17 Sep 2018 14:13
Operator : JC/SY
Sample : J4775-05RE
Misc : 6.78g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Sep 17 16:31:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1177698	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.43	114	1737165	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1112026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	311653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	443391	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.56%			
35) Dibromofluoromethane	6.31	113	547026	40.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.62%			
50) Toluene-d8	9.45	98	1311972	34.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 69.76%			
62) 4-Bromofluorobenzene	12.42	95	364295	25.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 50.70%			
Target Compounds						Qvalue
5) Bromomethane	2.16	94	1285	1.230	ug/l #	1
11) Tert butyl alcohol	3.86	59	944	1.274	ug/l #	74
16) Acetone	3.15	43	49700	28.029	ug/l	98
20) Methylene Chloride	3.70	84	159285	6.329	ug/l	96
25) 2-Butanone	5.63	43	8524	1.781	ug/l #	61
31) Cyclohexane	6.40	56	21569	1.057	ug/l #	1
36) 1,1-Dichloropropene	6.40	75	82199	4.763	ug/l #	47
38) Carbon Tetrachloride	6.40	117	90504	5.618	ug/l #	16
51) 4-Methyl-2-Pentanone	9.33	43	2135	Below Cal	#	42
59) 2-Hexanone	10.47	43	877	Below Cal	#	30
76) 1,2,3-Trichloropropane	12.42	75	116986	24.578	ug/l #	44
78) n-propylbenzene	12.64	91	25708	1.000	ug/l	99
80) 1,3,5-Trimethylbenzene	12.79	105	38093	2.432	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.42	75	147560	102.700	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.09	105	147651	8.832	ug/l	99
90) Hexachloroethane	13.85	117	8231	1.907	ug/l #	7
91) 1,2-Dichlorobenzene	13.65	146	697	Below Cal	#	11
95) Naphthalene	14.96	128	28508	2.530	ug/l	98

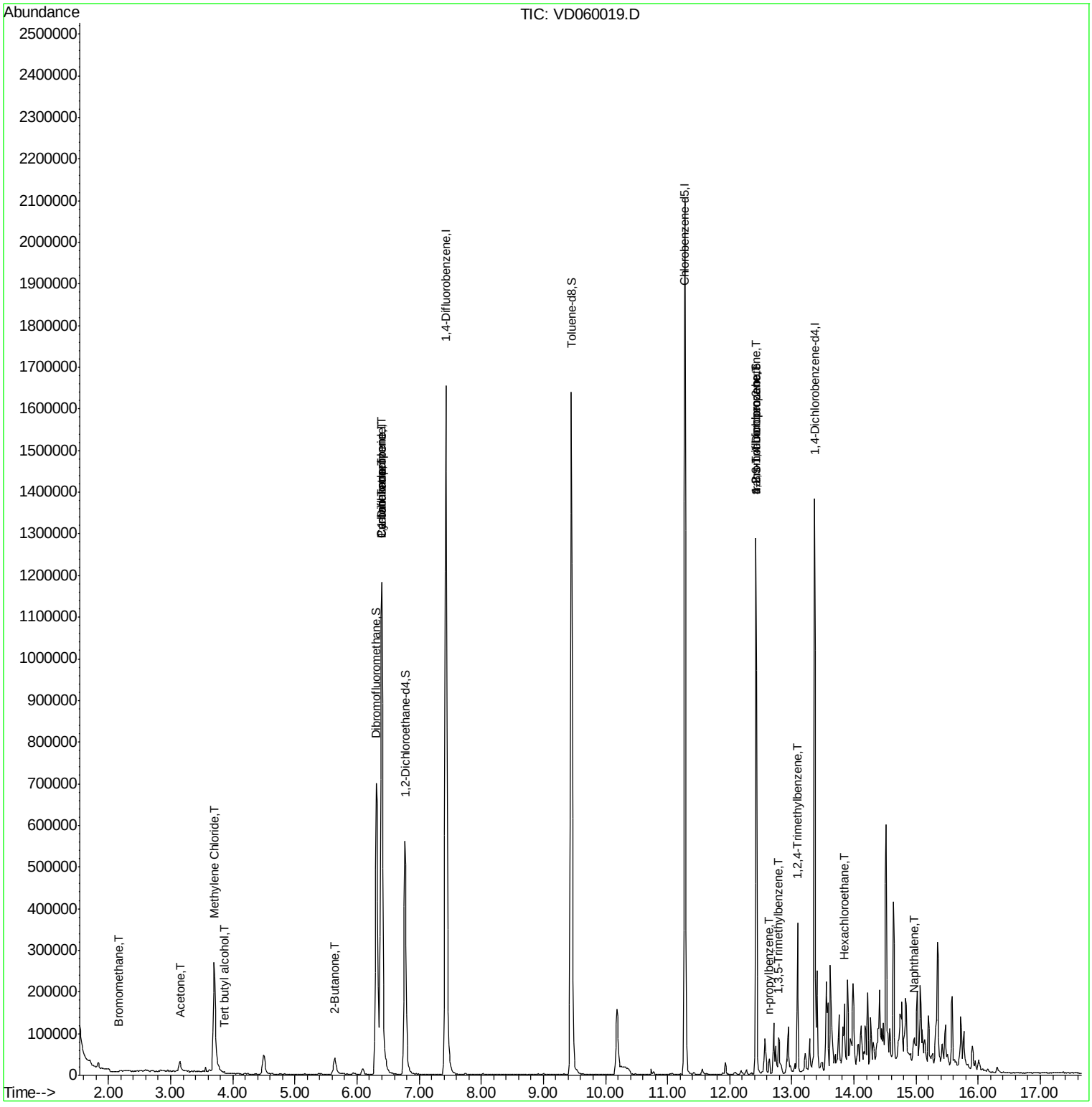
(#) = qualifier out of range (m) = manual integration (+) = signals summed

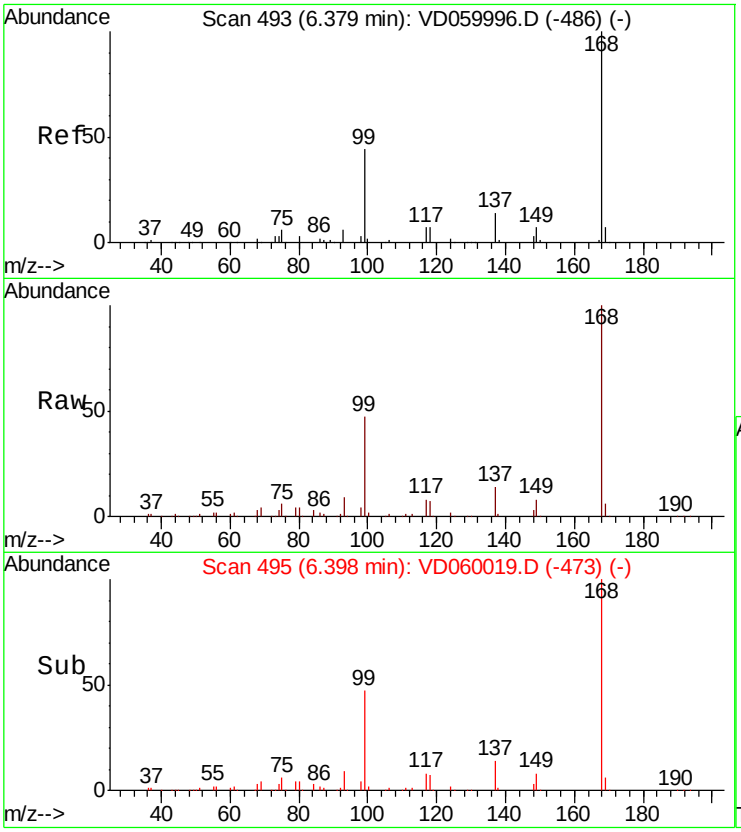
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091718\
Data File : VD060019.D
Acq On : 17 Sep 2018 14:13
Operator : JC/SY
Sample : J4775-05RE
Misc : 6.78g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Sep 17 16:31:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration



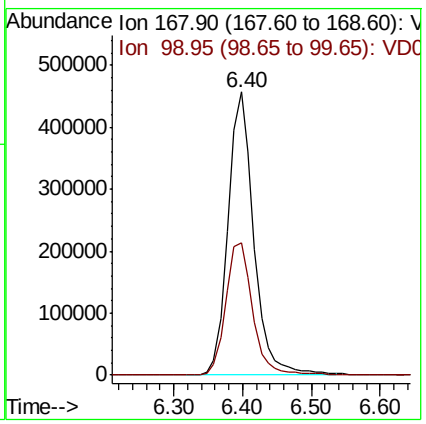


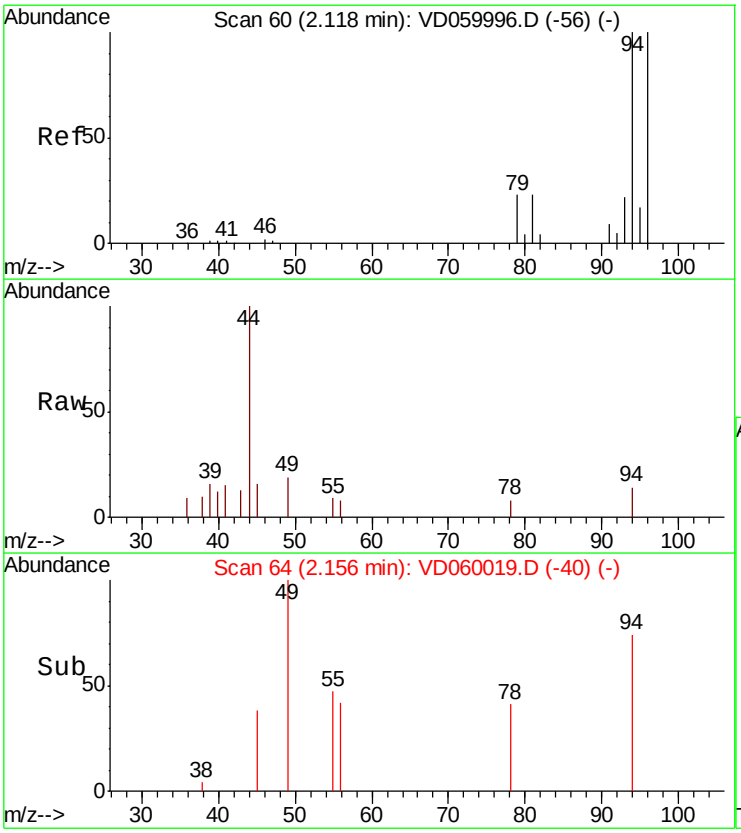
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.40 min Scan# 495
Delta R.T. 0.02 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 1177698

Ion	Ratio	Lower	Upper
168	100		
99	46.9	38.5	57.7

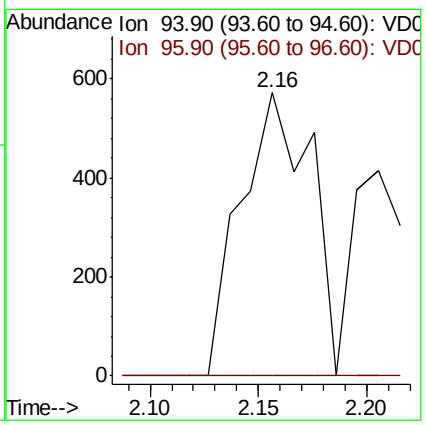


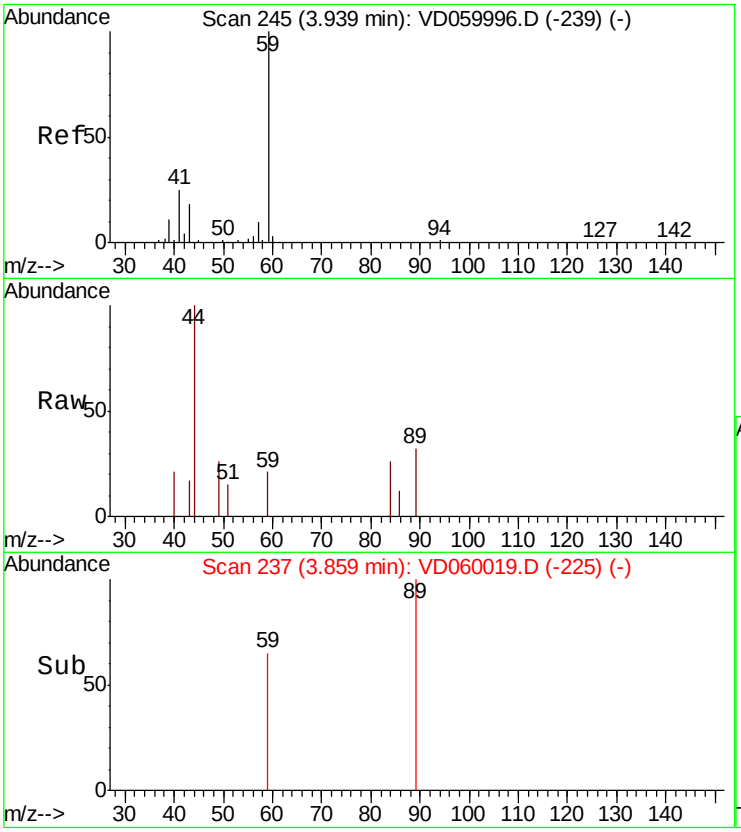


#5
Bromomethane
Concen: 1.230 ug/l
RT: 2.16 min Scan# 64
Delta R.T. 0.04 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Tgt Ion: 94 Resp: 1285

Ion	Ratio	Lower	Upper
94	100		
96	0.0	79.8	119.8#



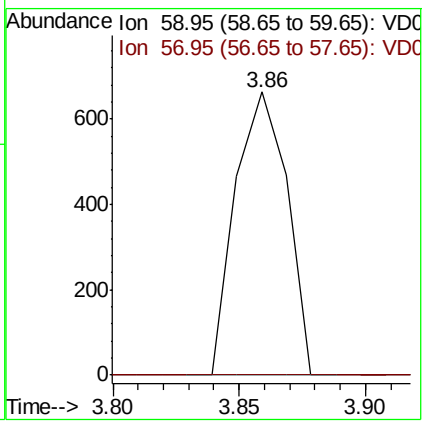


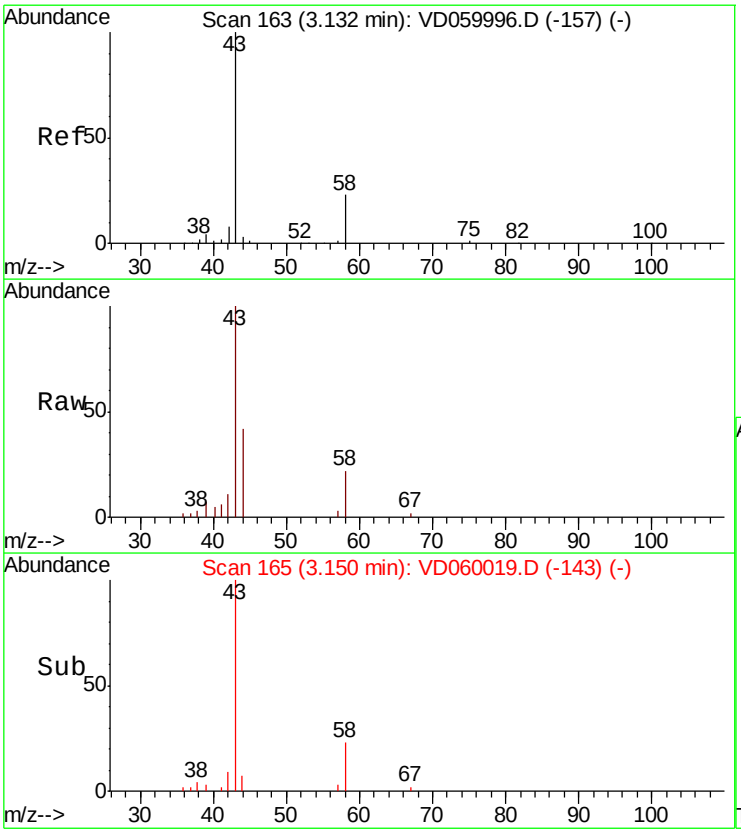
#11
Tert butyl alcohol
Concen: 1.274 ug/l
RT: 3.86 min Scan# 237
Delta R.T. -0.08 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 944

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#

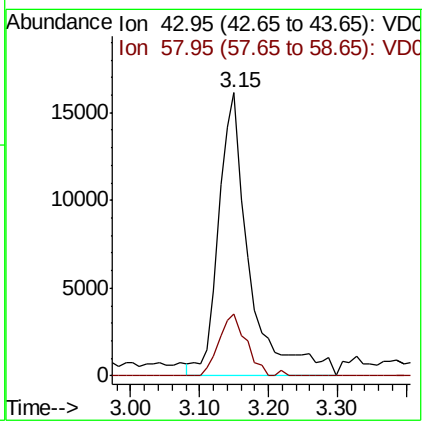


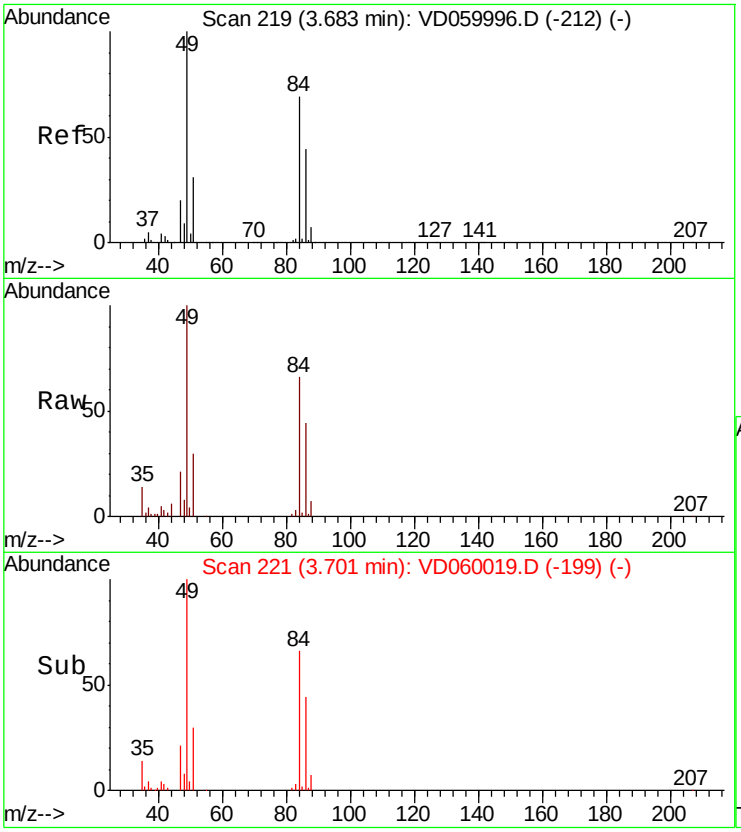


#16
Acetone
Concen: 28.029 ug/l
RT: 3.15 min Scan# 165
Delta R.T. 0.02 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Tgt Ion: 43 Resp: 49700

Ion	Ratio	Lower	Upper
43	100		
58	21.9	18.1	27.1



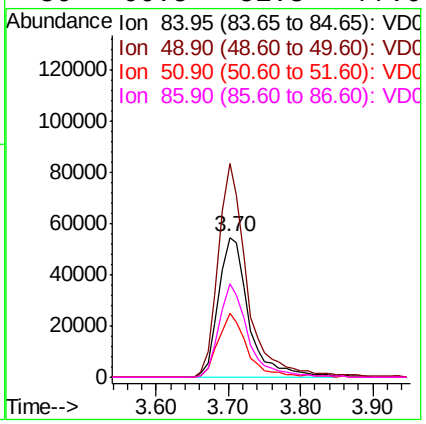


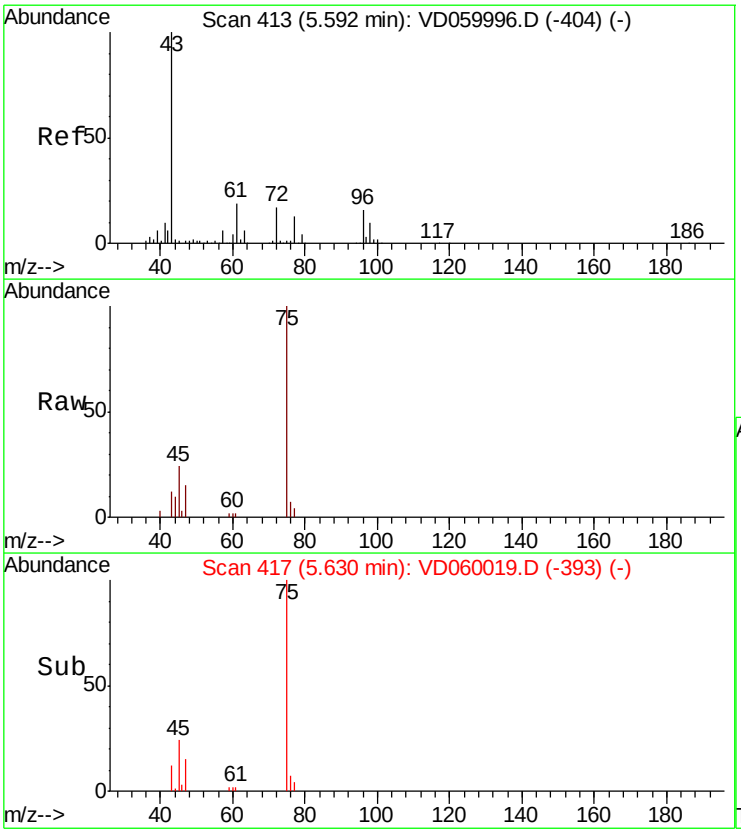
#20
Methylene Chloride
Concen: 6.329 ug/l
RT: 3.70 min Scan# 221
Delta R.T. 0.02 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 159285

Ion	Ratio	Lower	Upper
84	100		
49	152.6	116.6	175.0
51	46.0	35.9	53.9
86	66.5	51.8	77.6

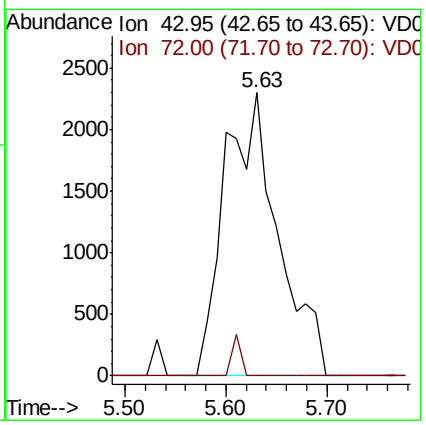


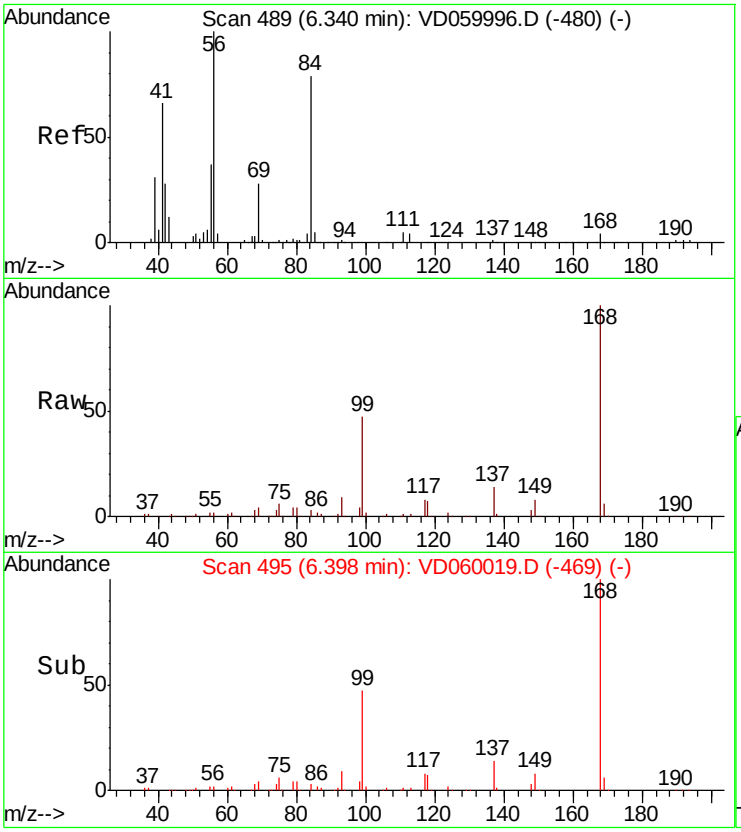


#25
2-Butanone
Concen: 1.781 ug/l
RT: 5.63 min Scan# 417
Delta R.T. 0.04 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Tgt Ion: 43 Resp: 8524

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.6	20.4#



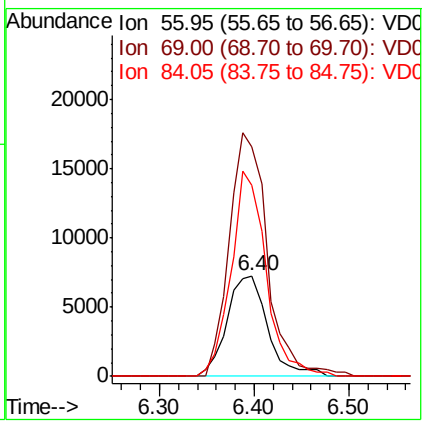


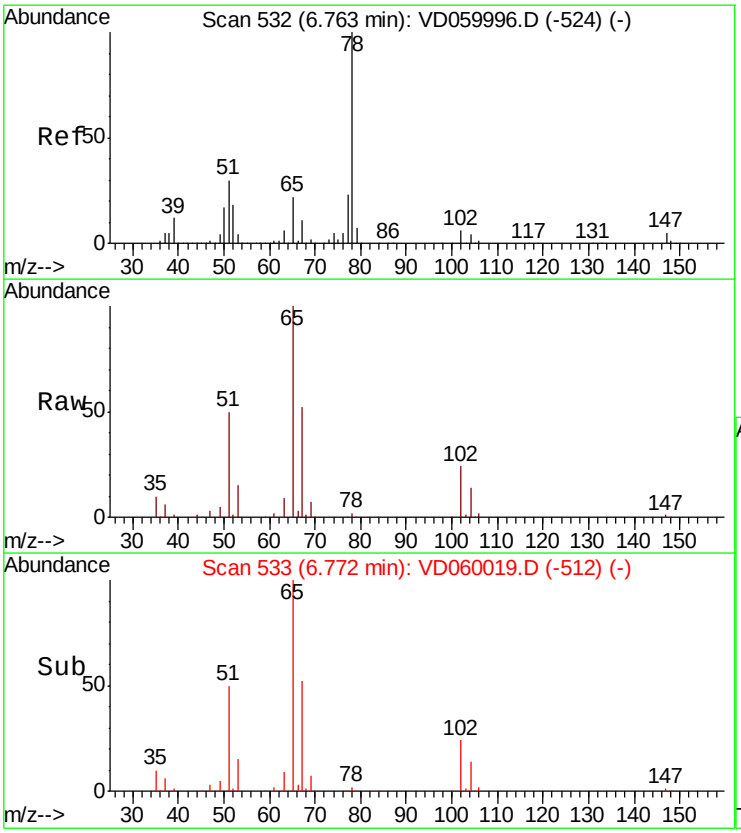
#31
Cyclohexane
Concen: 1.057 ug/l
RT: 6.40 min Scan# 495
Delta R.T. 0.06 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 21569

Ion	Ratio	Lower	Upper
56	100		
69	227.9	22.7	34.1#
84	190.1	64.0	96.0#

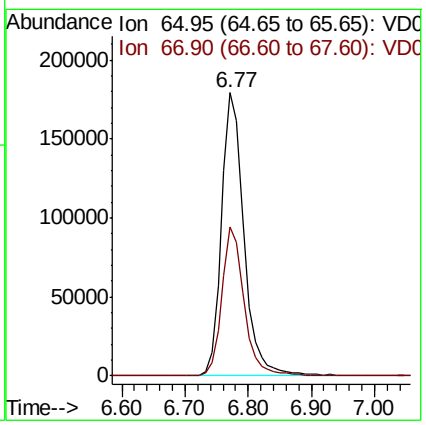


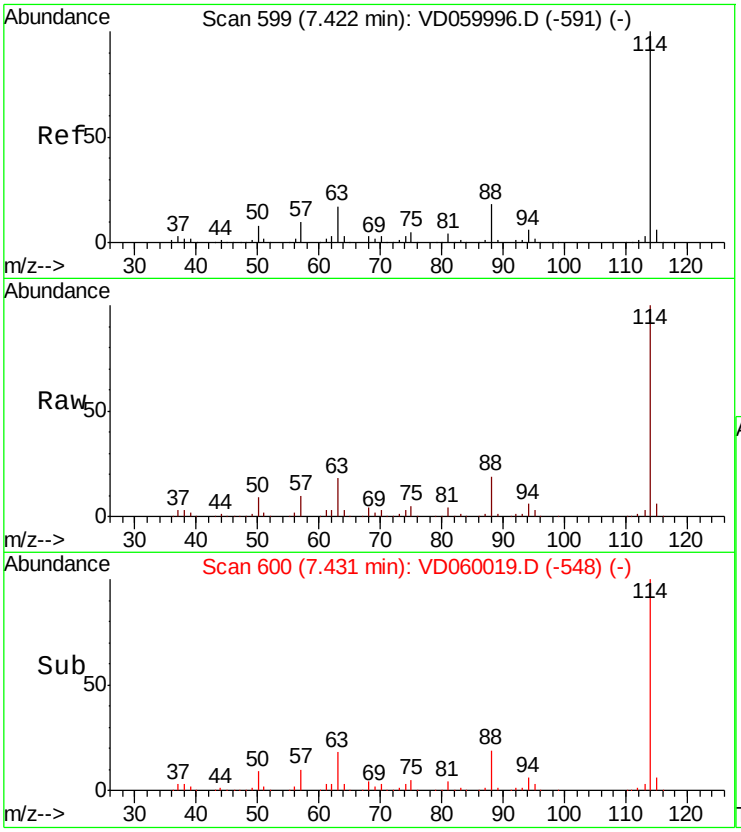


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 533
Delta R.T. 0.01 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Tgt Ion: 65 Resp: 443391

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.8



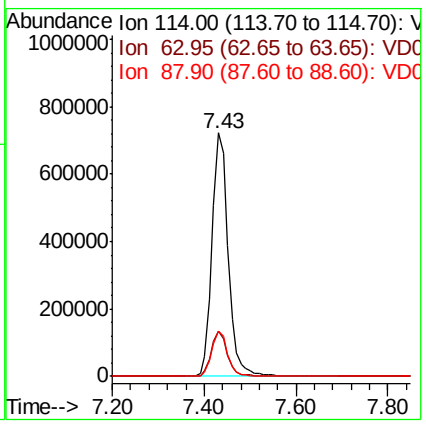


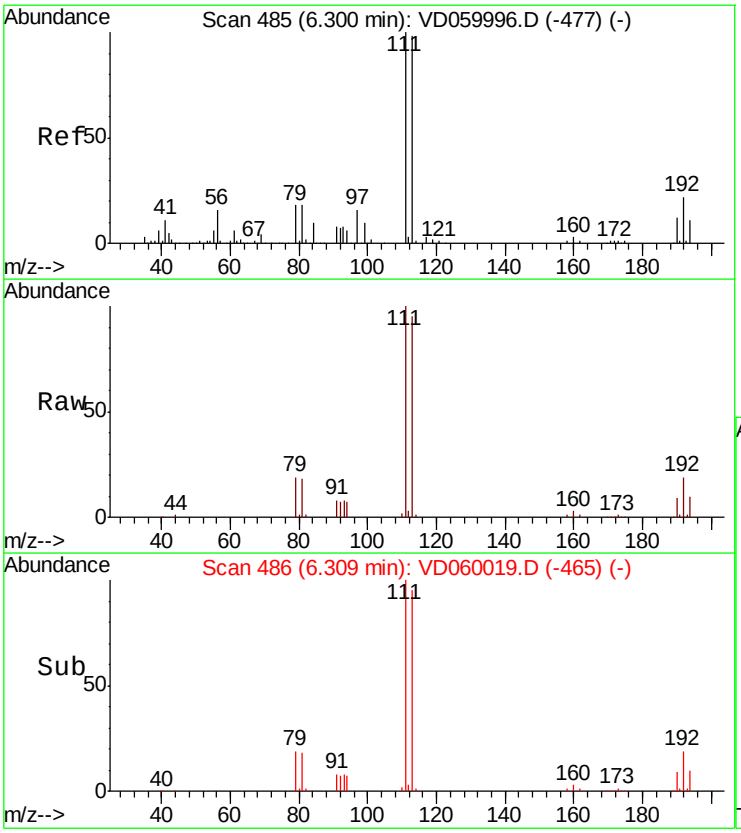
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.43 min Scan# 600
Delta R.T. 0.01 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 1737165

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	34.4
88	18.6	0.0	35.8

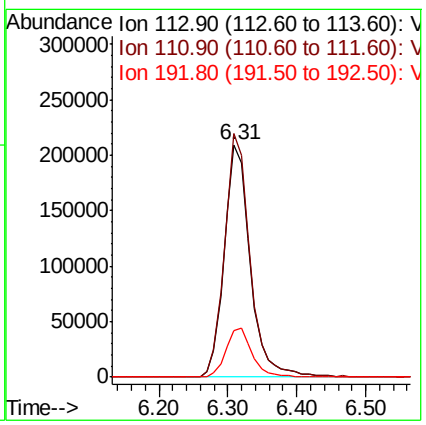


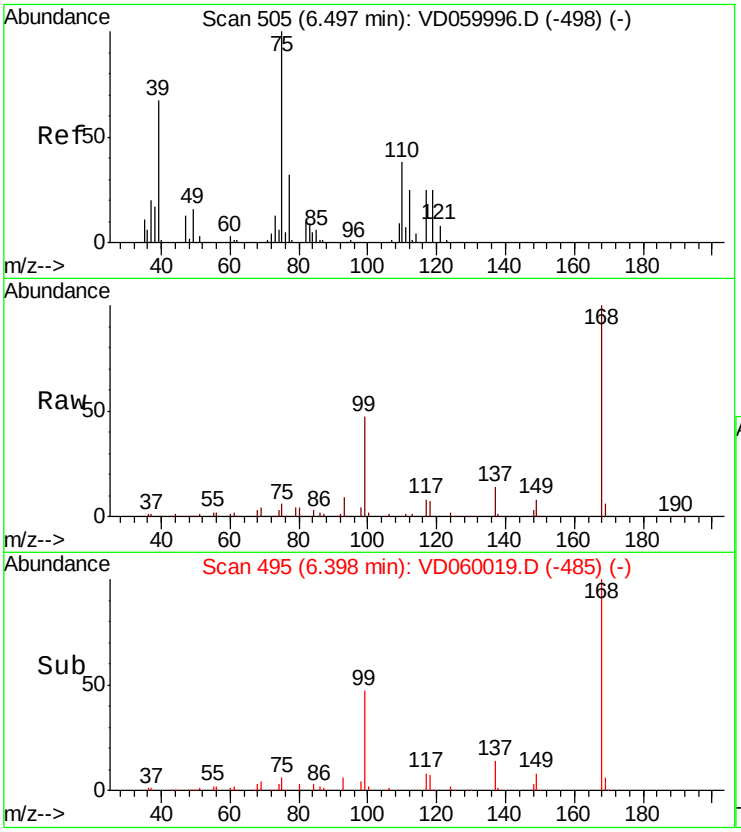


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.31 min Scan# 486
Delta R.T. 0.01 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Tgt Ion:113 Resp: 547026

Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.3	121.9
192	20.3	18.1	27.1



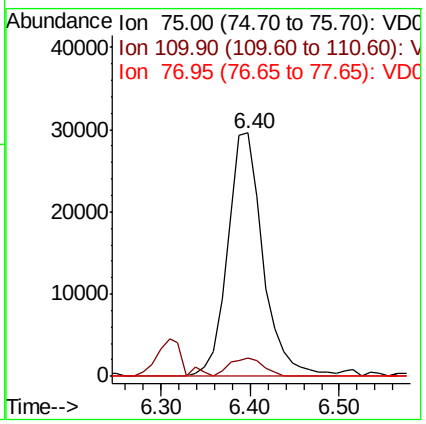


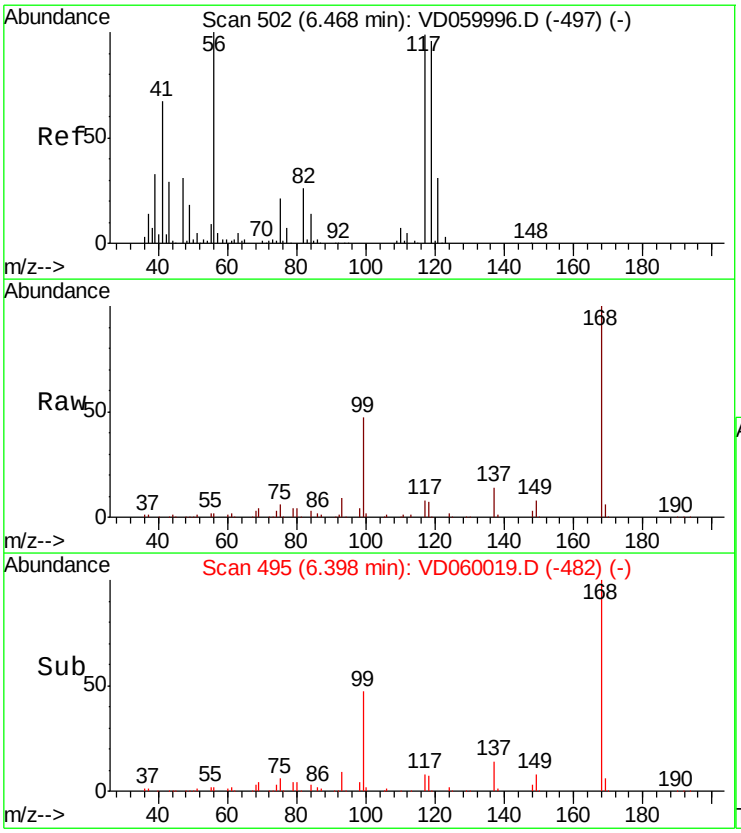
#36
1,1-Dichloropropene
Concen: 4.763 ug/l
RT: 6.40 min Scan# 495
Delta R.T. -0.10 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 82199

Ion	Ratio	Lower	Upper
75	100		
110	7.5	18.9	56.9#
77	0.0	25.3	37.9#

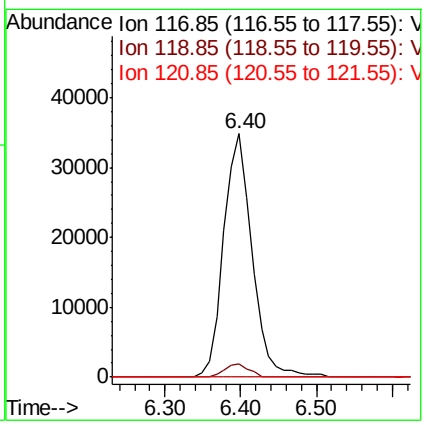


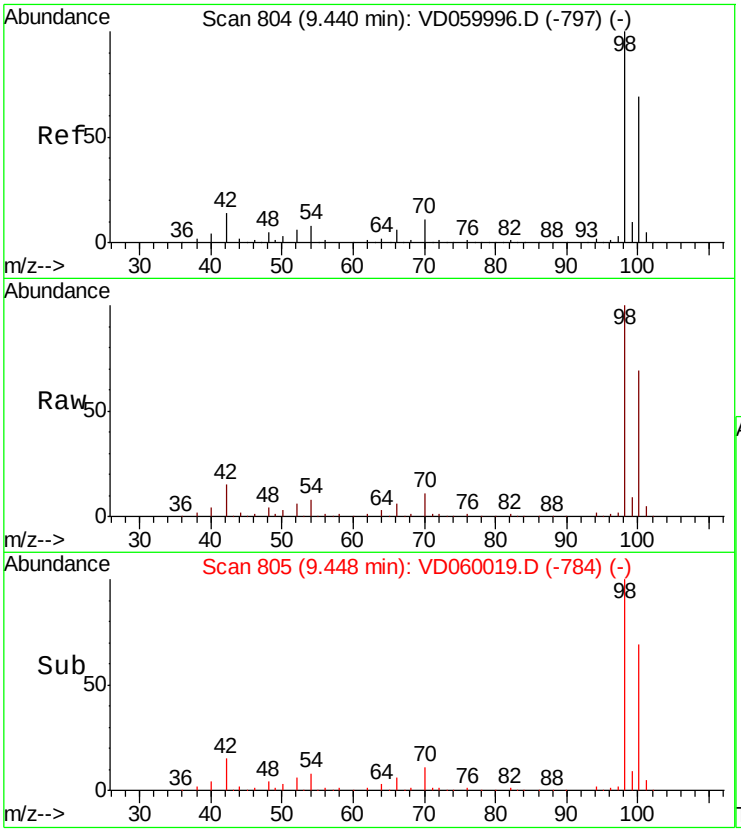


#38
Carbon Tetrachloride
Concen: 5.618 ug/l
RT: 6.40 min Scan# 495
Delta R.T. -0.07 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Tgt Ion:117 Resp: 90504

Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.7	115.1#
121	0.0	24.9	37.3#



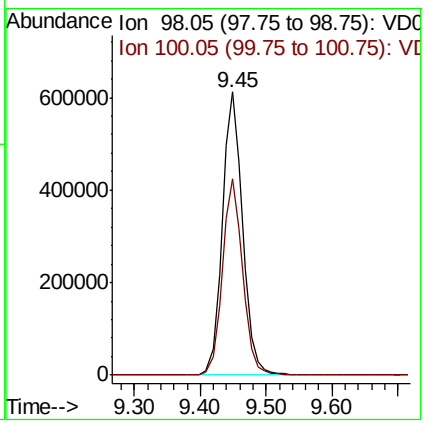


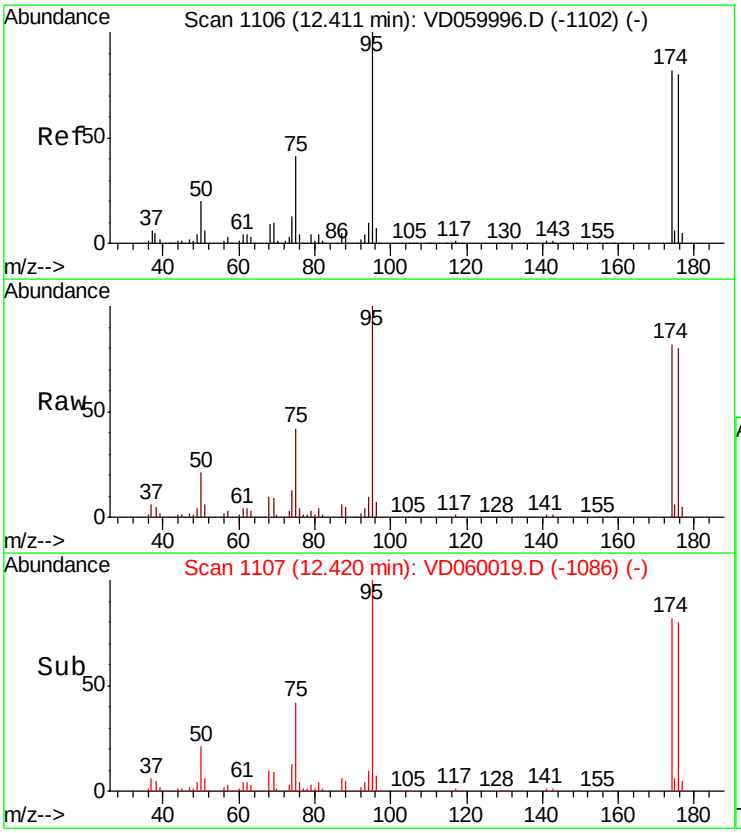
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. 0.01 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 1311972

Ion	Ratio	Lower	Upper
98	100		
100	69.5	55.8	83.6

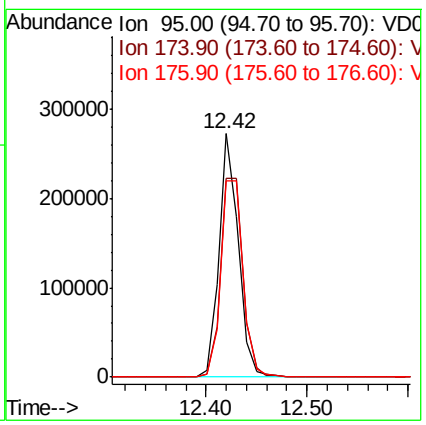


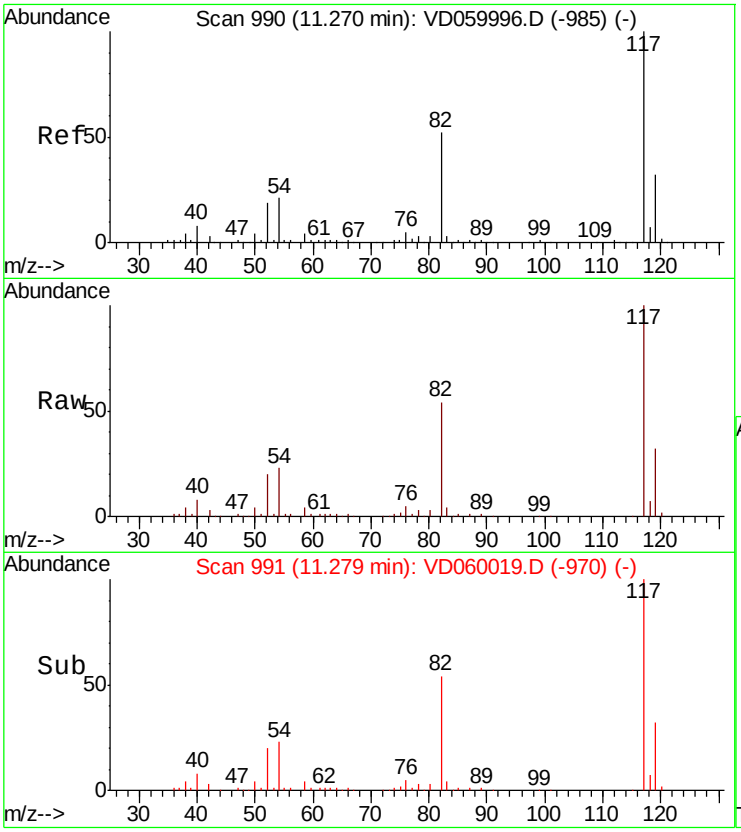


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Tgt Ion: 95 Resp: 364295

Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	165.0
176	80.4	0.0	160.2



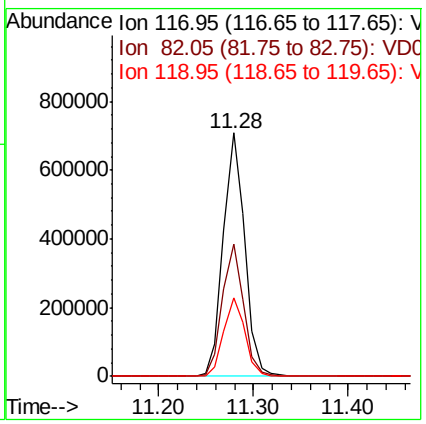


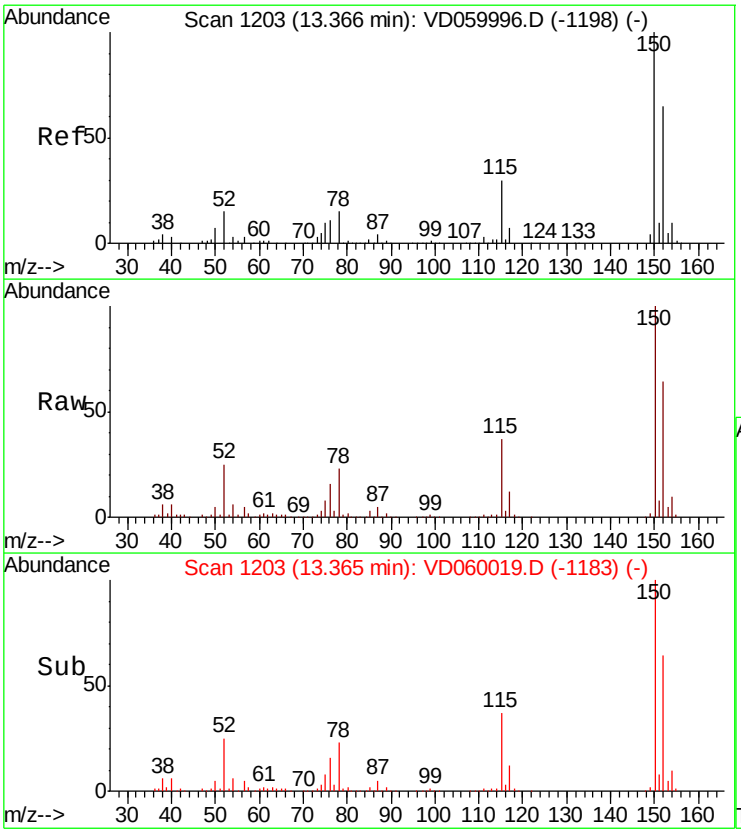
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 1112026

Ion	Ratio	Lower	Upper
117	100		
82	54.1	41.7	62.5
119	32.4	26.0	39.0

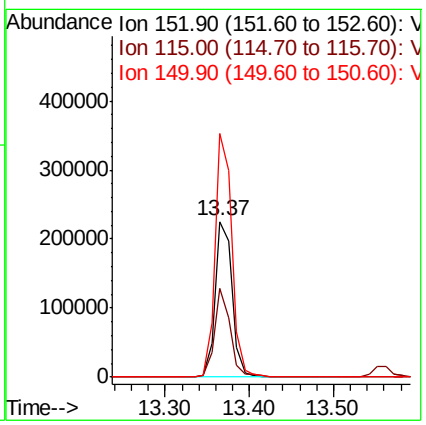


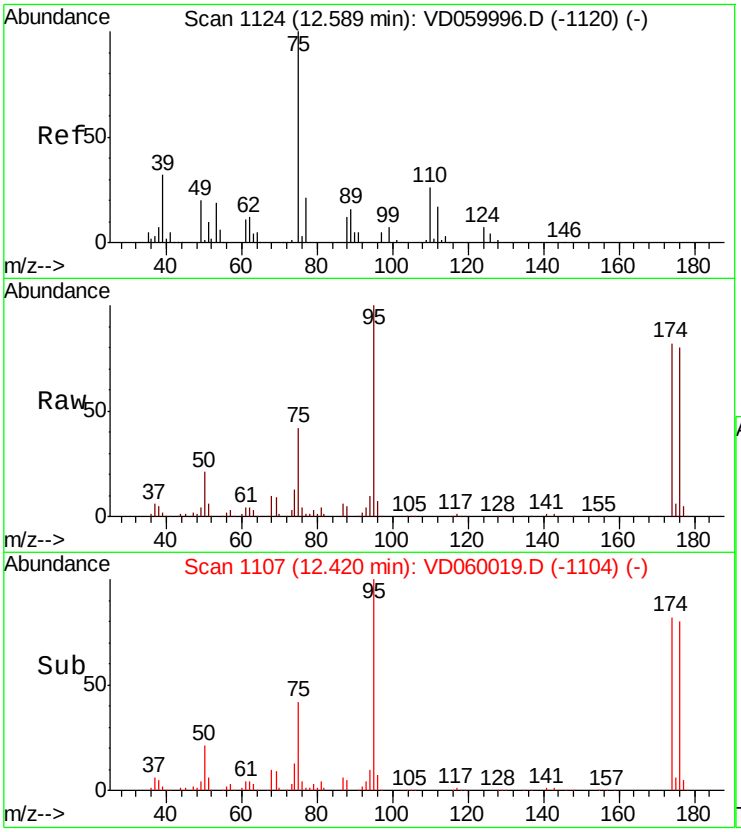


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Tgt Ion:152 Resp: 311653

Ion	Ratio	Lower	Upper
152	100		
115	57.2	24.6	73.8
150	156.5	0.0	313.4



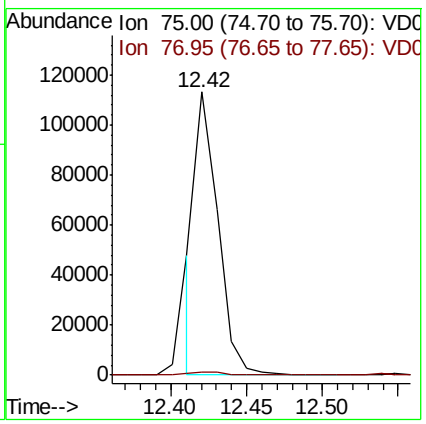


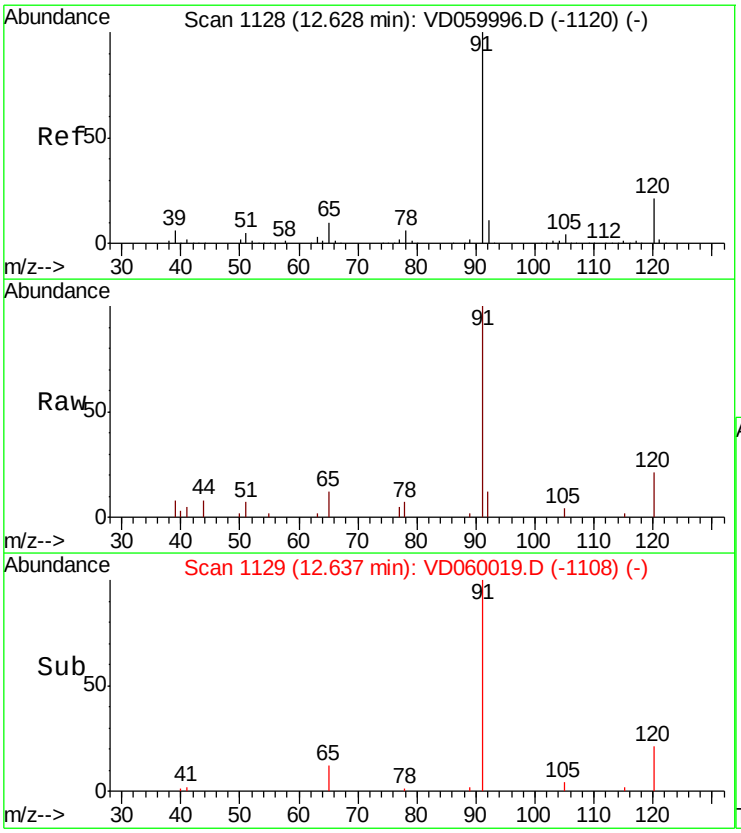
#76
1,2,3-Trichloropropane
Concen: 24.578 ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.17 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 116986

Ion	Ratio	Lower	Upper
75	100		
77	1.3	16.4	49.4#

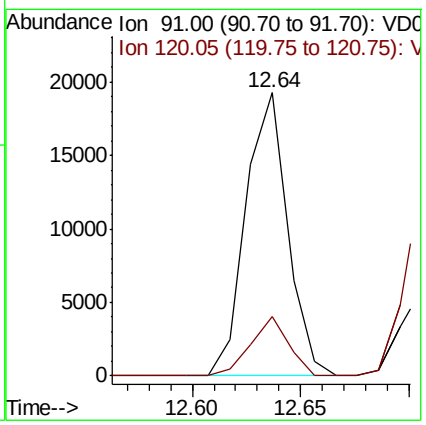


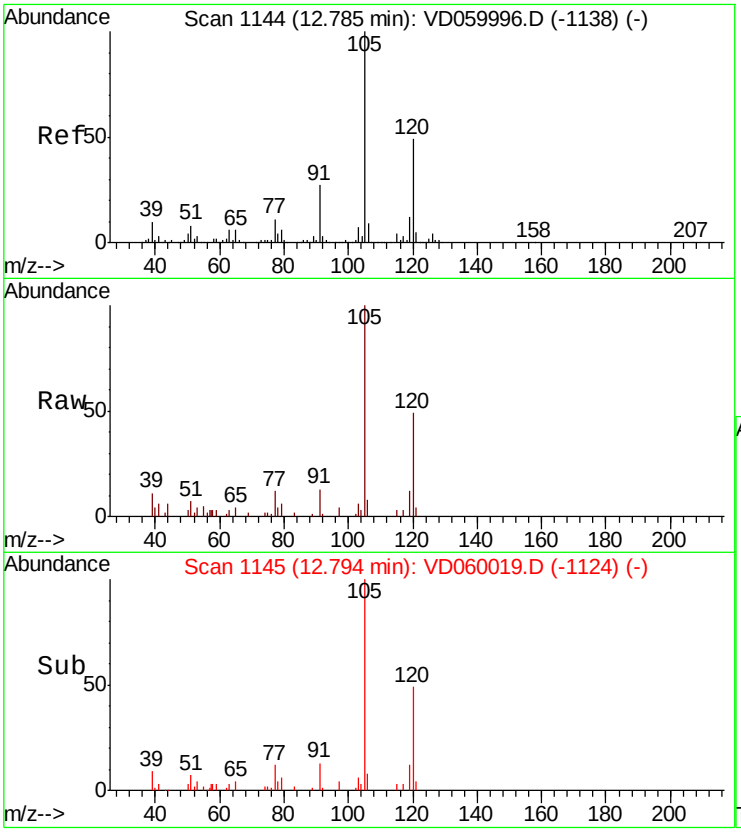


#78
n-propylbenzene
Concen: 1.000 ug/l
RT: 12.64 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Tgt Ion: 91 Resp: 25708

Ion	Ratio	Lower	Upper
91	100		
120	20.8	10.7	31.9



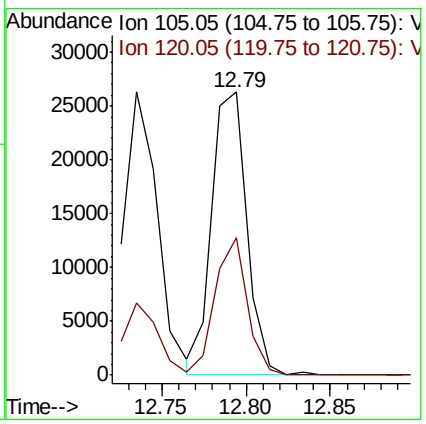


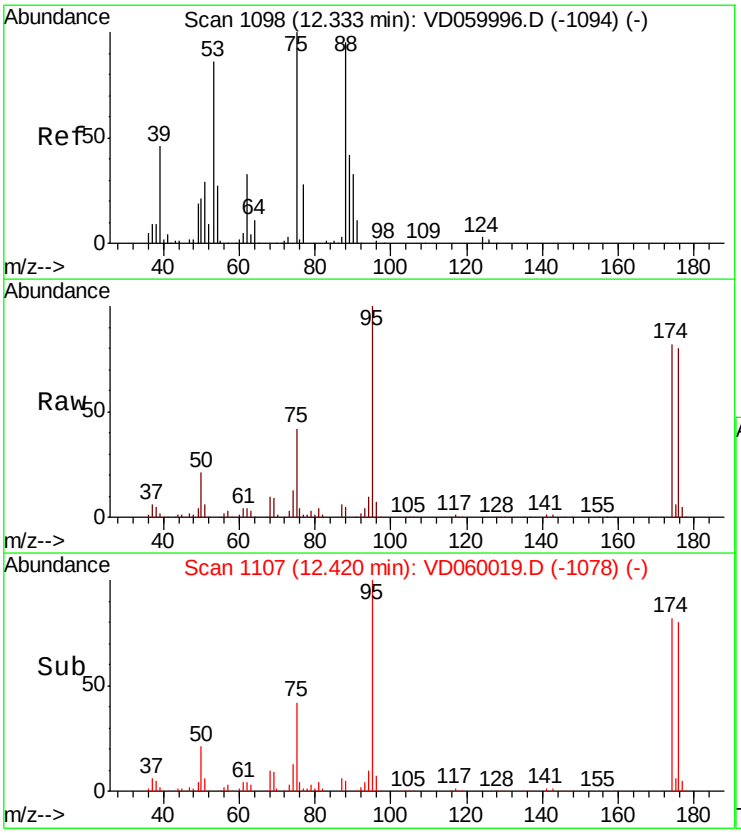
#80
1,3,5-Trimethylbenzene
Concen: 2.432 ug/l
RT: 12.79 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 38093

Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.4	73.2

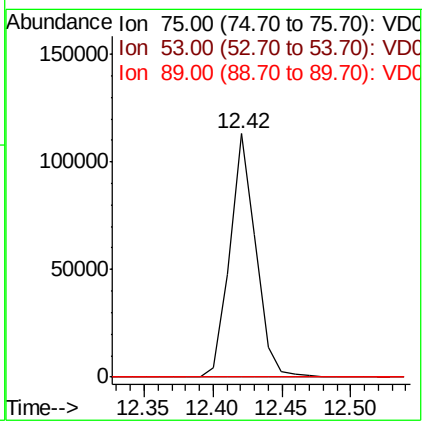


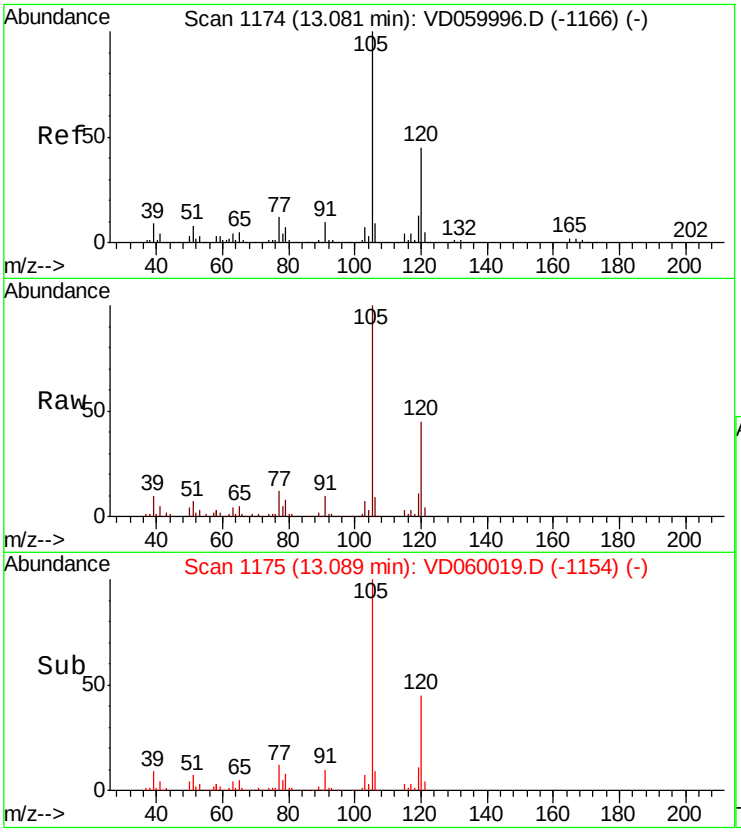


#81
trans-1,4-Dichloro-2-butene
Concen: 102.700 ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.09 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Tgt Ion: 75 Resp: 147560

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.4	102.6#
89	0.0	33.8	50.6#



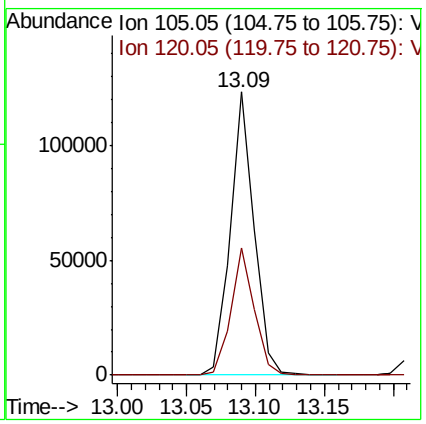


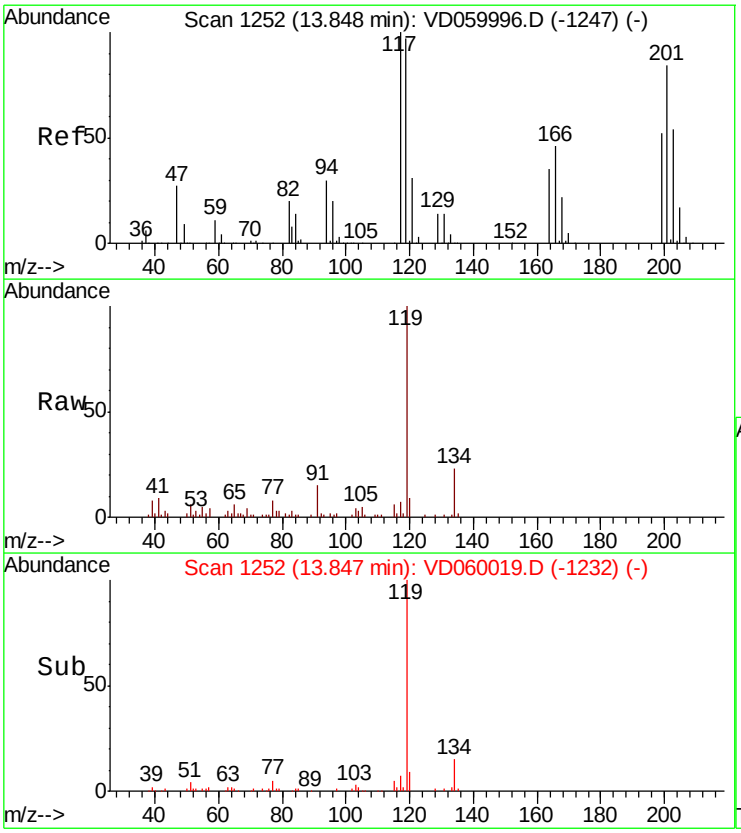
#84
1,2,4-Trimethylbenzene
Concen: 8.832 ug/l
RT: 13.09 min Scan# 1175
Delta R.T. 0.01 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 147651

Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.4	67.0

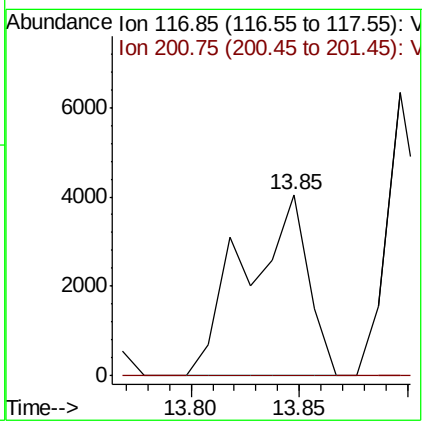


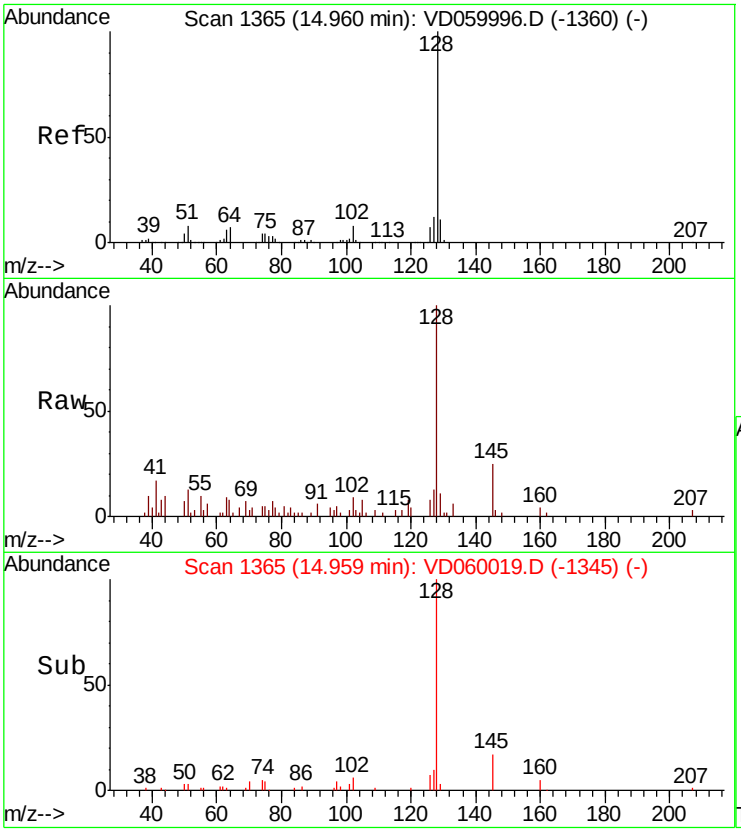


#90
Hexachloroethane
Concen: 1.907 ug/l
RT: 13.85 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Tgt Ion:117 Resp: 8231

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.1	126.4#





#95
Naphthalene
Concen: 2.530 ug/l
RT: 14.96 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 28508

Ion	Ratio	Lower	Upper
128	100		
127	13.2	9.7	14.5
129	10.7	8.9	13.3