Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060718\
Data File : VD057992.D
Acq On : 8 Jun 2018 2:40
Operator : JC/SY
Sample : J3354-01
Misc : 5.32g/5ml/MSVOA_D/SOIL
ALS Vial : 56 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CAS1-SB-02-3-4

Quant Time: Jun 08 06:54:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration

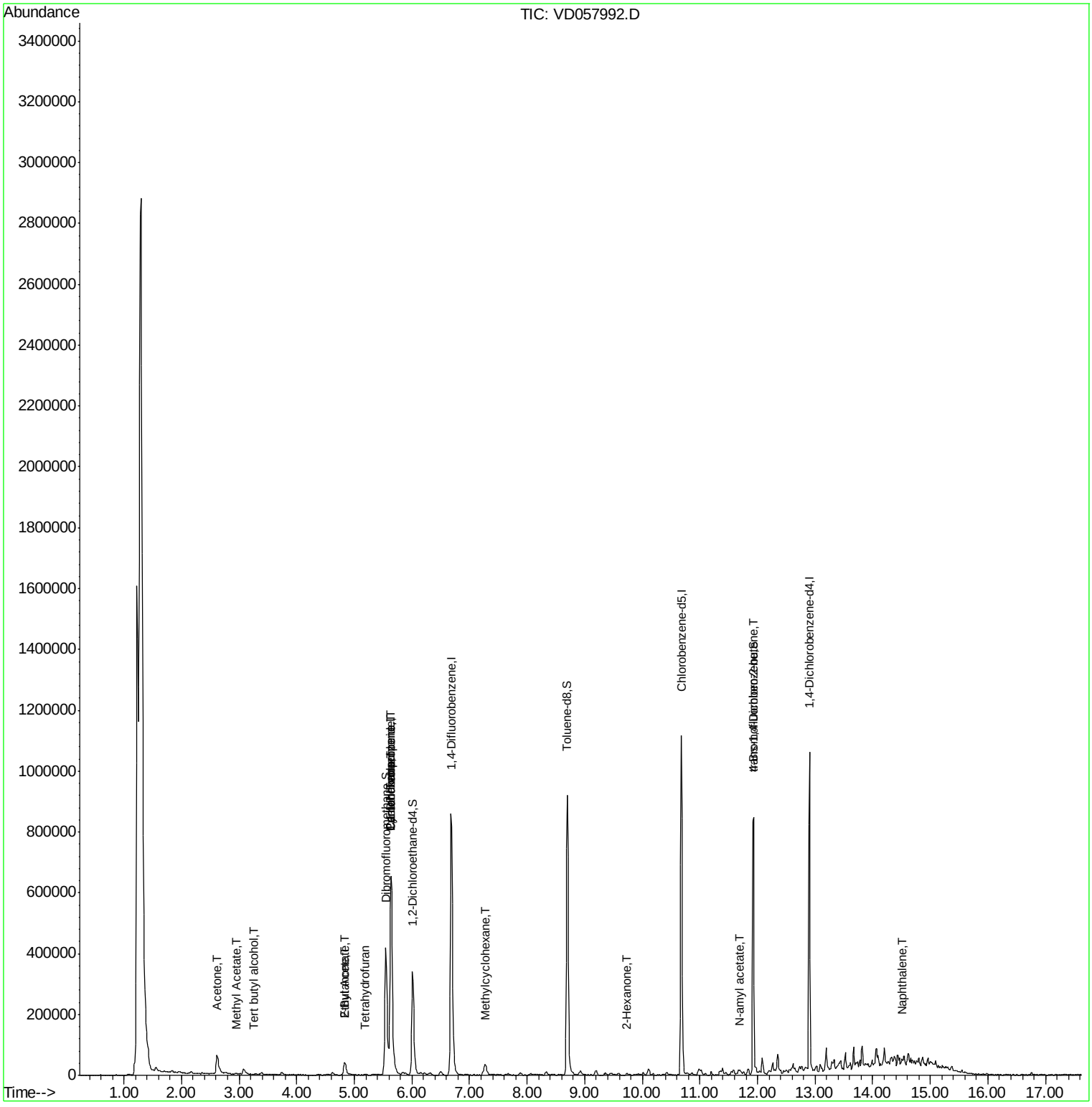
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	662606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	883839	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	586489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	231735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	339237	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.42%			
35) Dibromofluoromethane	5.55	113	352497	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.10%			
50) Toluene-d8	8.70	98	709423	43.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.28%			
62) 4-Bromofluorobenzene	11.92	95	259433	36.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 73.16%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.26	59	1085	6.114	ug/l #	74
16) Acetone	2.62	43	146229	153.216	ug/l	99
18) Methyl Acetate	2.95	43	2974	1.611	ug/l #	66
20) Methylene Chloride	3.07	84	6282	Below Cal #		96
25) 2-Butanone	4.83	43	56950	26.256	ug/l	95
29) Tetrahydrofuran	5.18	42	2339	2.057	ug/l #	48
31) Cyclohexane	5.64	56	32277	2.802	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	57139	5.868	ug/l #	51
37) Ethyl Acetate	4.83	43	56950	10.718	ug/l #	84
38) Carbon Tetrachloride	5.64	117	55654	5.799	ug/l #	15
39) Methylcyclohexane	7.28	83	17794	1.843	ug/l	84
59) 2-Hexanone	9.73	43	4780	1.461	ug/l #	31
74) N-amyl acetate	11.69	43	7280	1.229	ug/l #	28
81) trans-1,4-Dichloro-2-buten	11.92	75	122134	141.656	ug/l #	6
82) 4-Chlorotoluene	12.32	91	2218	Below Cal #		60
89) n-Butylbenzene	13.19	91	3273	Below Cal		92
95) Naphthalene	14.51	128	8436	1.128	ug/l #	86

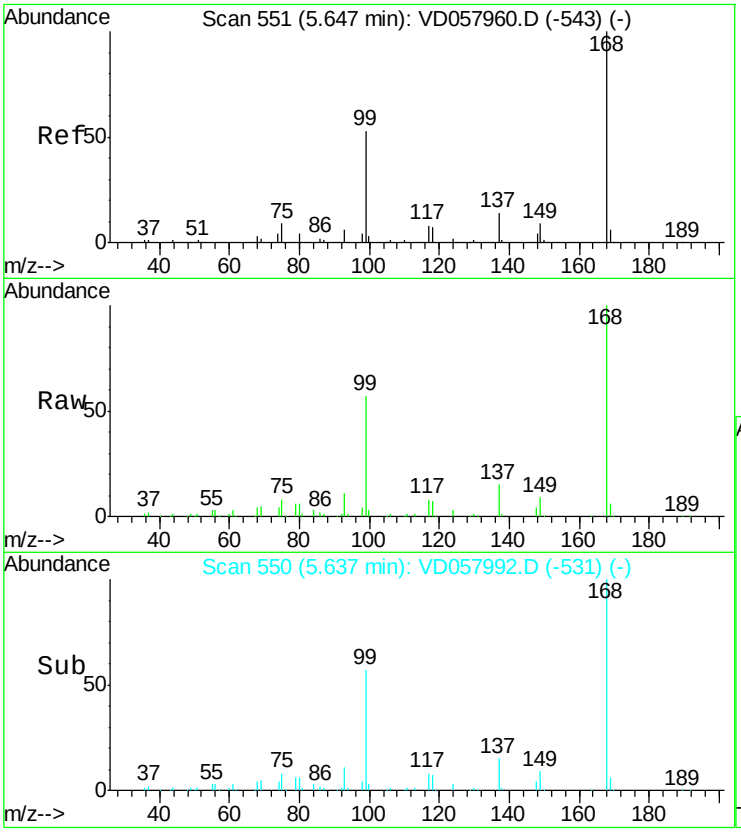
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060718\
Data File : VD057992.D
Acq On : 8 Jun 2018 2:40
Operator : JC/SY
Sample : J3354-01
Misc : 5.32g/5ml/MSVOA_D/SOIL
ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CAS1-SB-02-3-4

Quant Time: Jun 08 06:54:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration



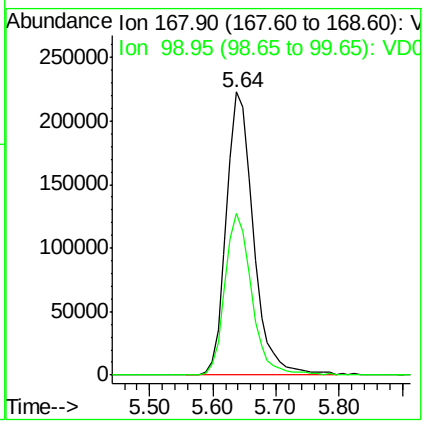


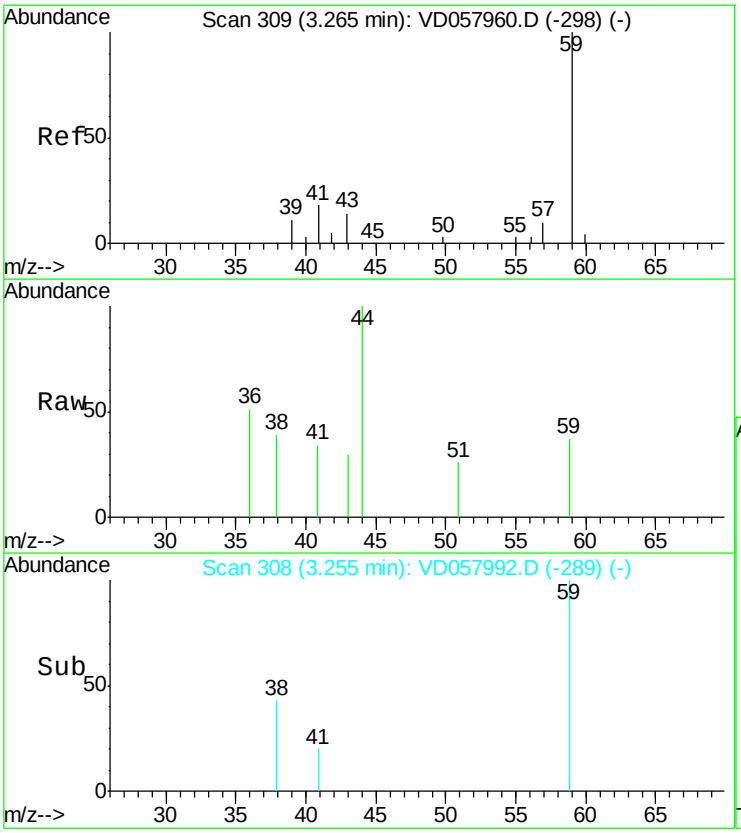
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.01 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Instrument :
MSVOA_D
ClientSampleId :
CAS1-SB-02-3-4

Tgt Ion:168 Resp: 662606

Ion	Ratio	Lower	Upper
168	100		
99	57.2	46.8	70.2

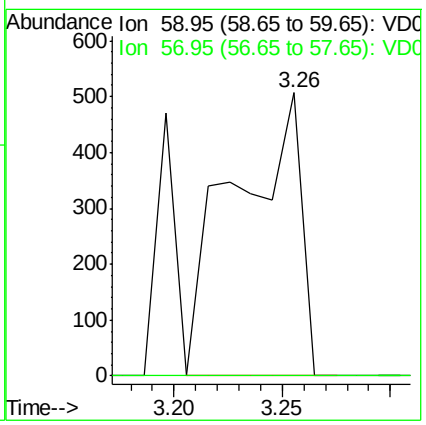


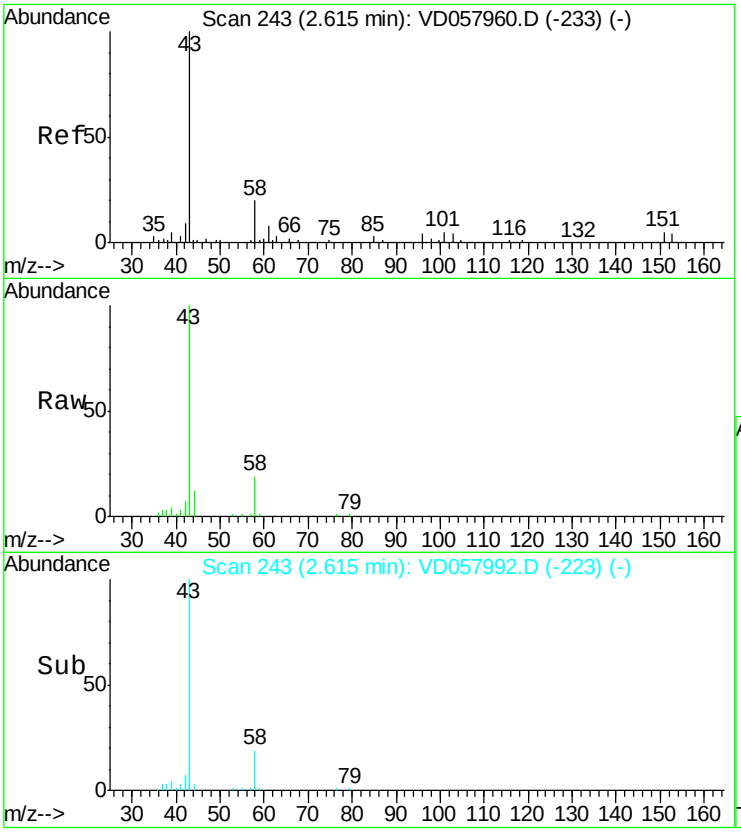


#11
Tert butyl alcohol
Concen: 6.114 ug/l
RT: 3.26 min Scan# 308
Delta R.T. -0.01 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Tgt Ion: 59 Resp: 1085

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



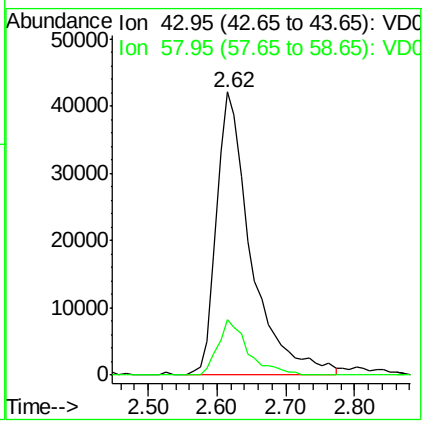


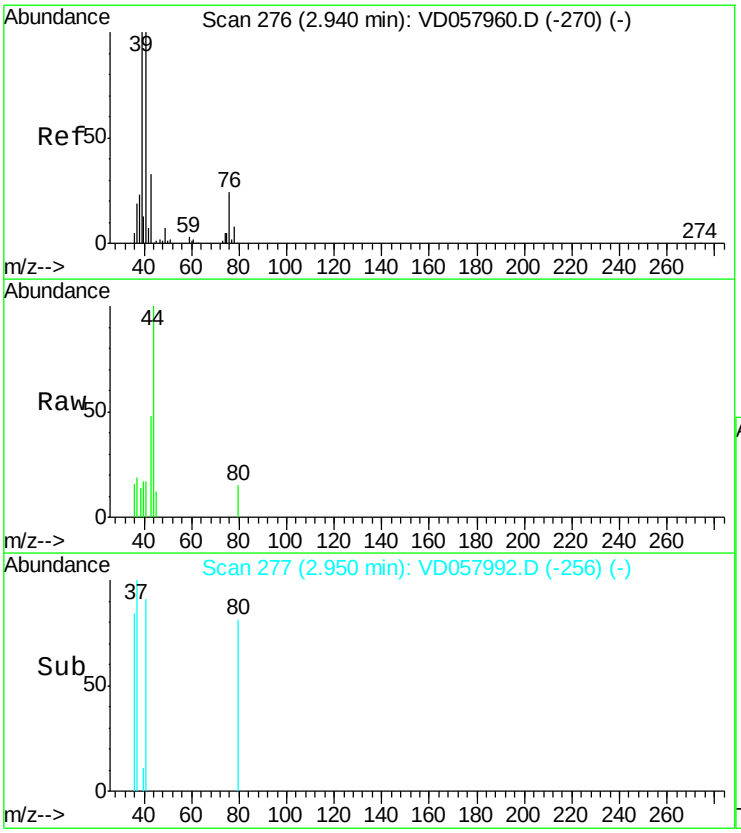
#16
Acetone
Concen: 153.216 ug/l
RT: 2.62 min Scan# 243
Delta R.T. -0.00 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Instrument :
MSVOA_D
ClientSampleId :
CAS1-SB-02-3-4

Tgt Ion: 43 Resp: 146229

Ion	Ratio	Lower	Upper
43	100		
58	19.5	15.8	23.8

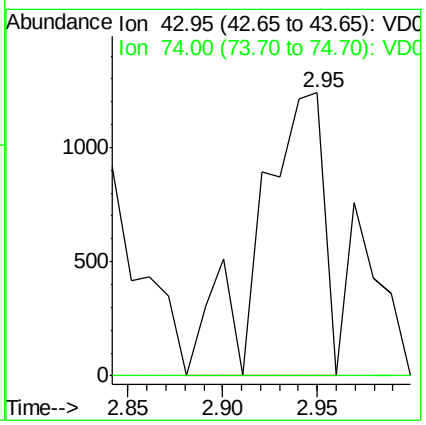


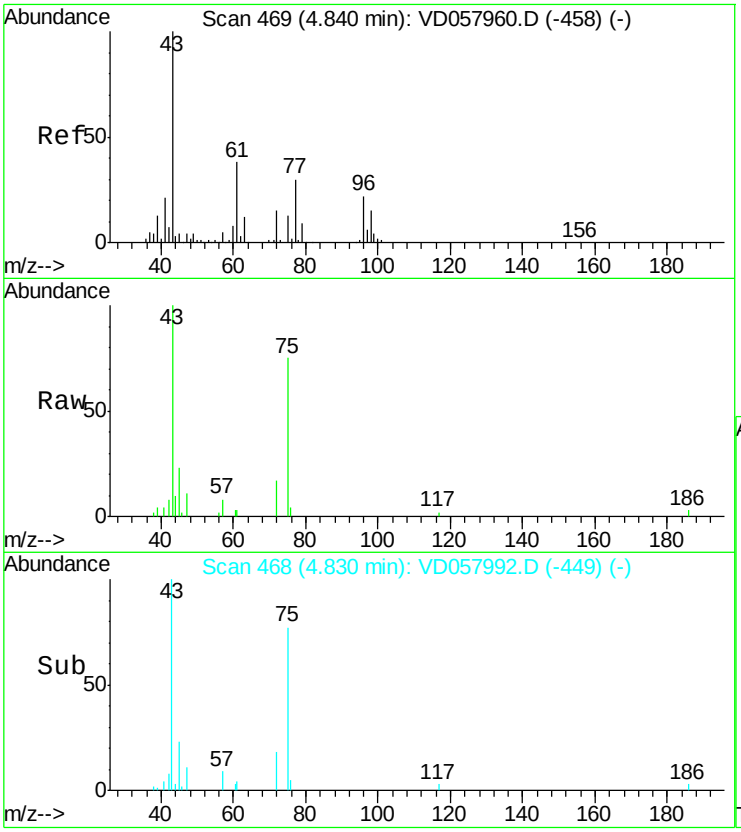


#18
Methyl Acetate
Concen: 1.611 ug/l
RT: 2.95 min Scan# 277
Delta R.T. 0.01 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Tgt Ion: 43 Resp: 2974

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.2	16.8#



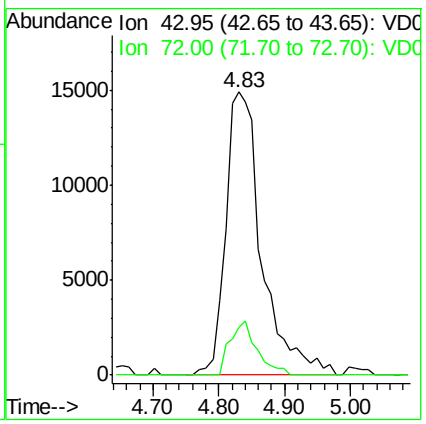


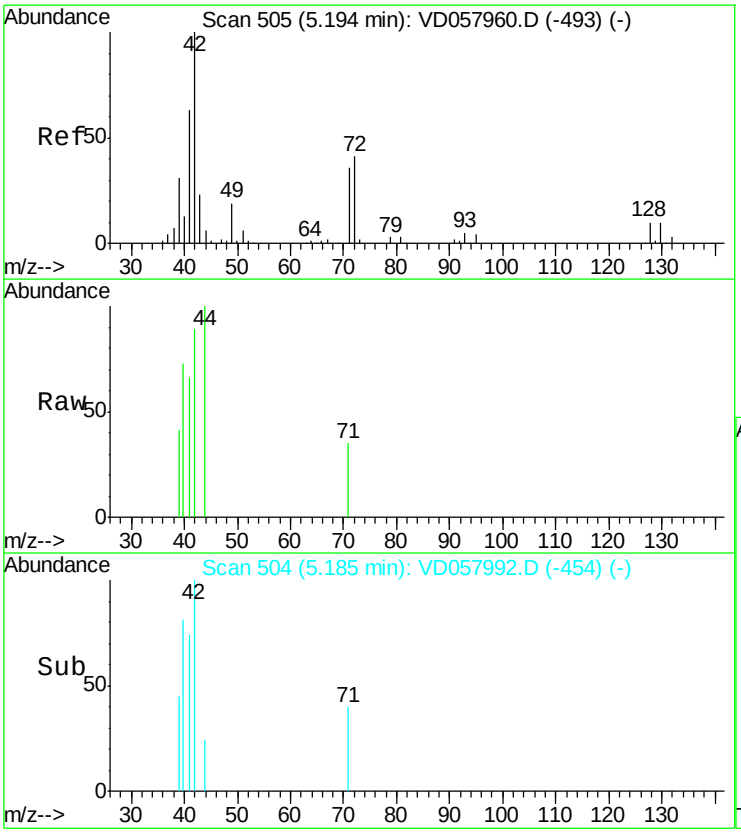
#25
2-Butanone
Concen: 26.256 ug/l
RT: 4.83 min Scan# 468
Delta R.T. -0.01 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Instrument :
MSVOA_D
ClientSampleId :
CAS1-SB-02-3-4

Tgt Ion: 43 Resp: 56950

Ion	Ratio	Lower	Upper
43	100		
72	17.0	12.0	18.0

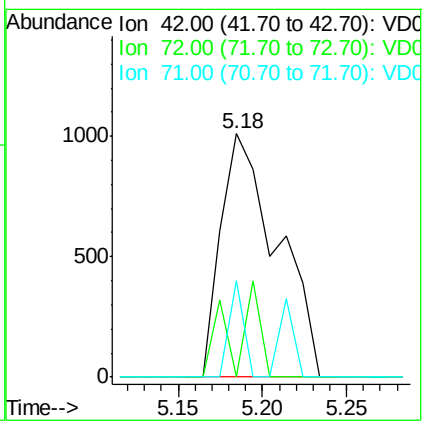


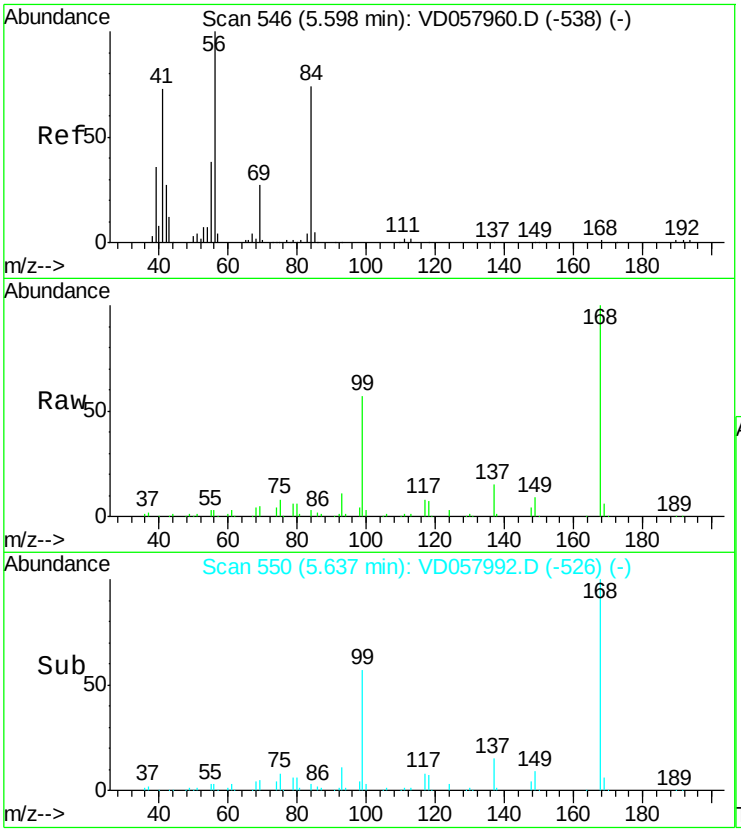


#29
Tetrahydrofuran
Concen: 2.057 ug/l
RT: 5.18 min Scan# 504
Delta R.T. -0.01 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Tgt Ion: 42 Resp: 2339

Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.5	42.7#
71	10.1	27.9	41.9#



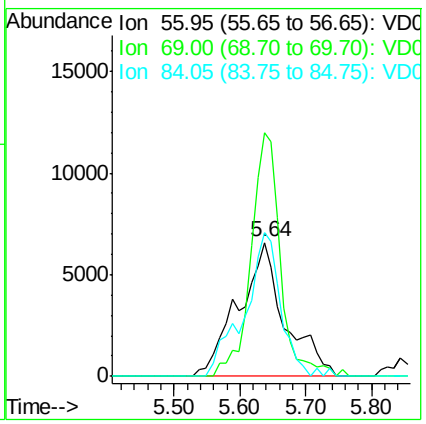


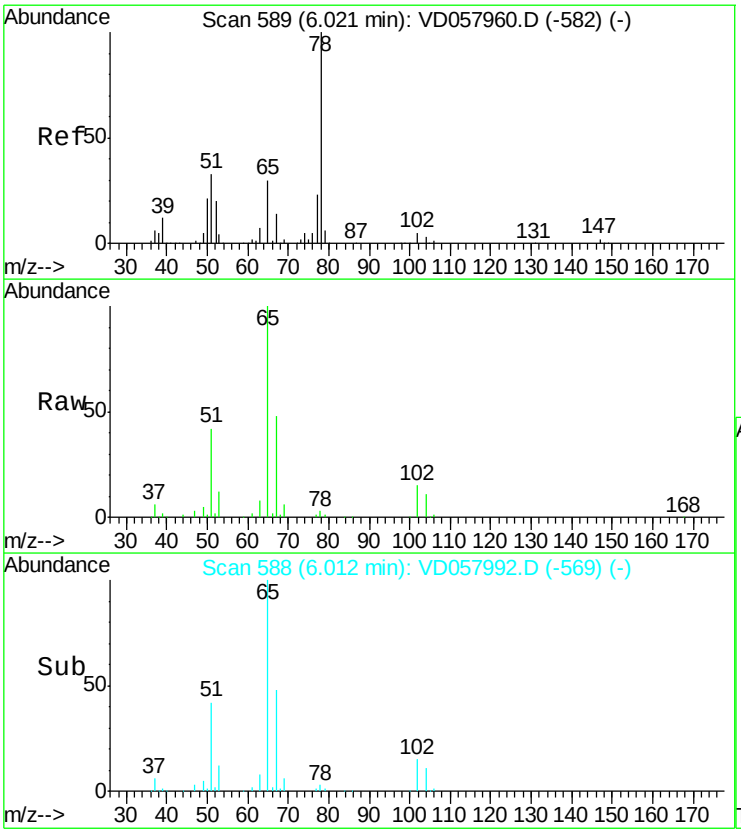
#31
Cyclohexane
Concen: 2.802 ug/l
RT: 5.64 min Scan# 550
Delta R.T. 0.04 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Instrument :
MSVOA_D
ClientSampleId :
CAS1-SB-02-3-4

Tgt Ion: 56 Resp: 32277

Ion	Ratio	Lower	Upper
56	100		
69	182.4	21.5	32.3#
84	108.0	61.0	91.6#

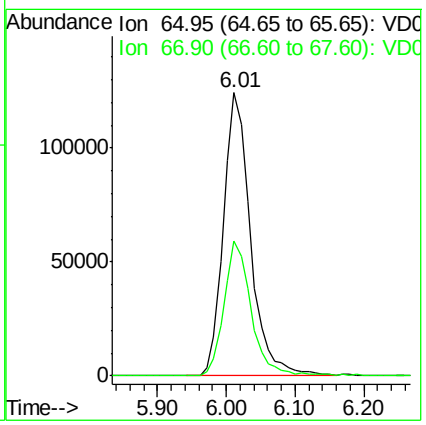


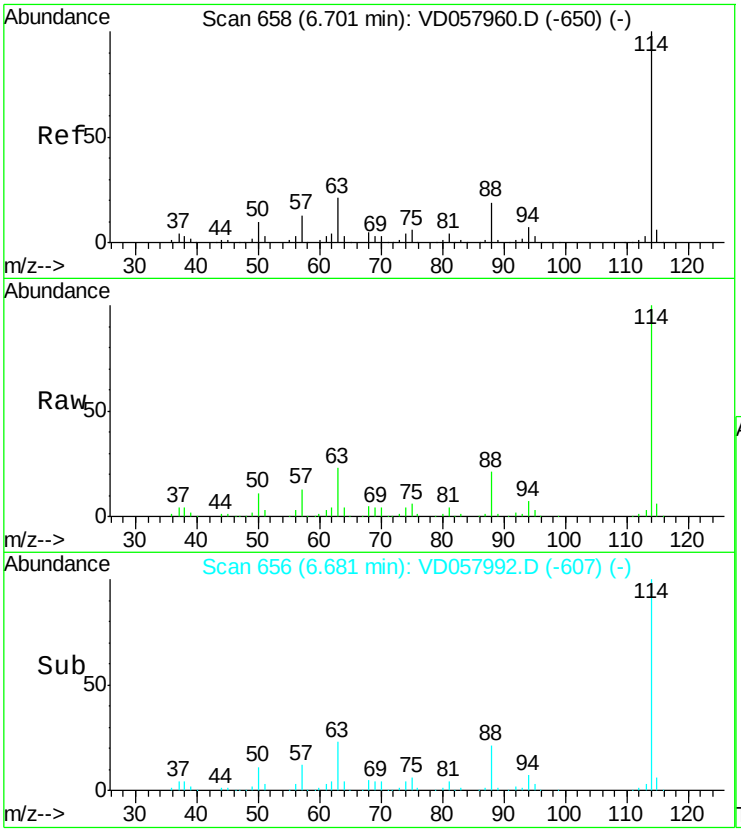


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.01 min Scan# 588
Delta R.T. -0.01 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Tgt Ion: 65 Resp: 339237

Ion	Ratio	Lower	Upper
65	100		
67	47.6	0.0	94.0



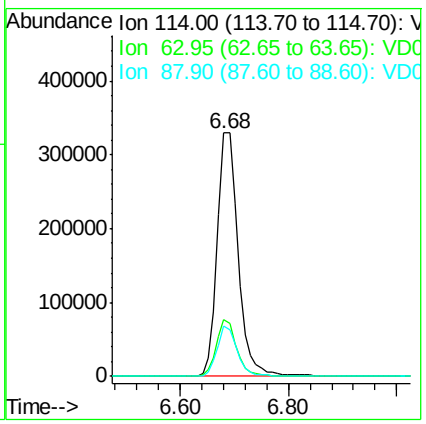


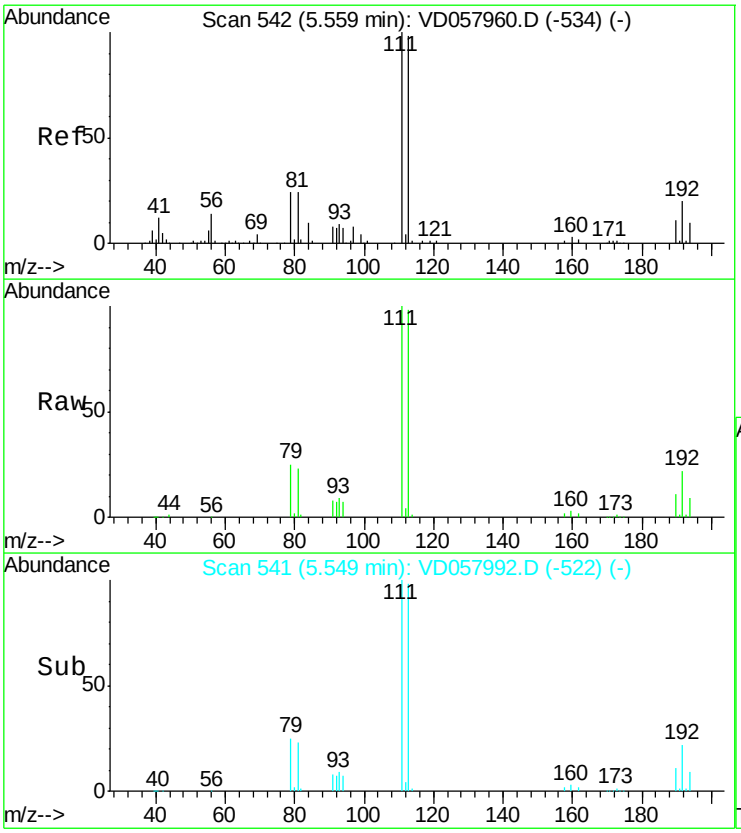
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.68 min Scan# 656
Delta R.T. -0.02 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Instrument :
MSVOA_D
ClientSampleId :
CAS1-SB-02-3-4

Tgt Ion:114 Resp: 883839

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	42.8
88	20.6	0.0	37.8

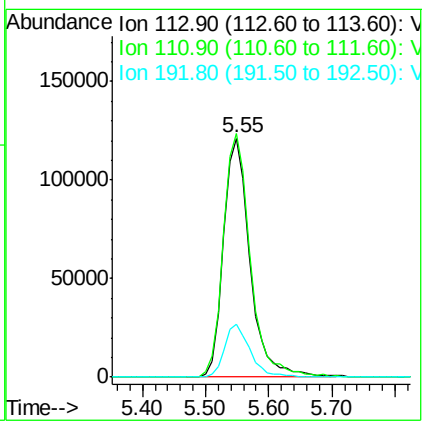


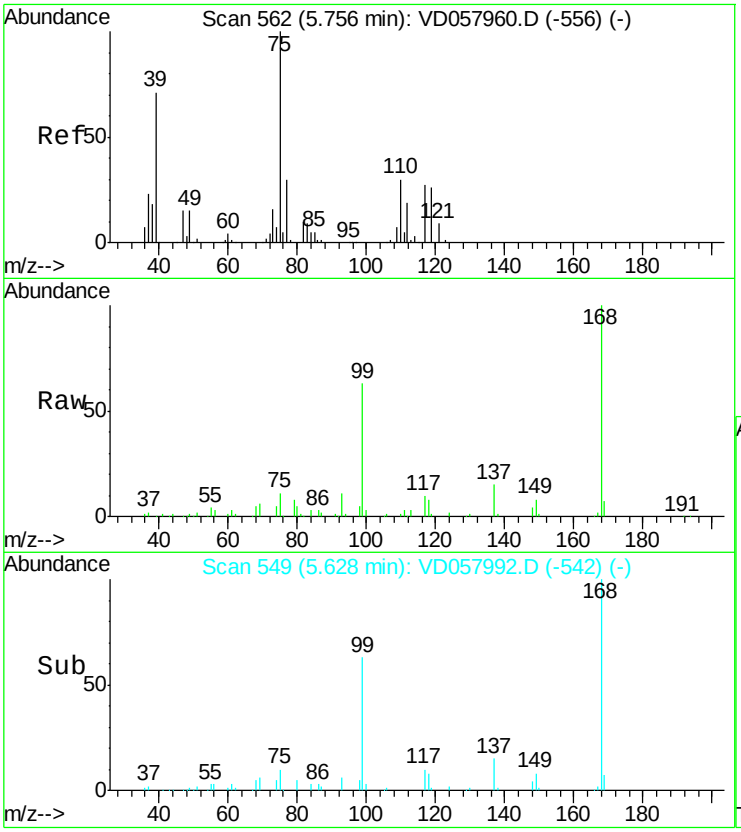


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.55 min Scan# 541
Delta R.T. -0.01 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Tgt Ion:113 Resp: 352497

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.5	122.3
192	21.9	16.4	24.6



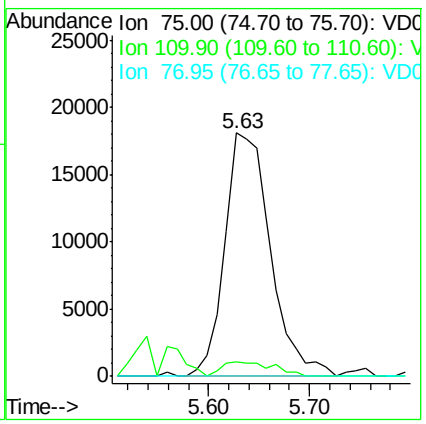


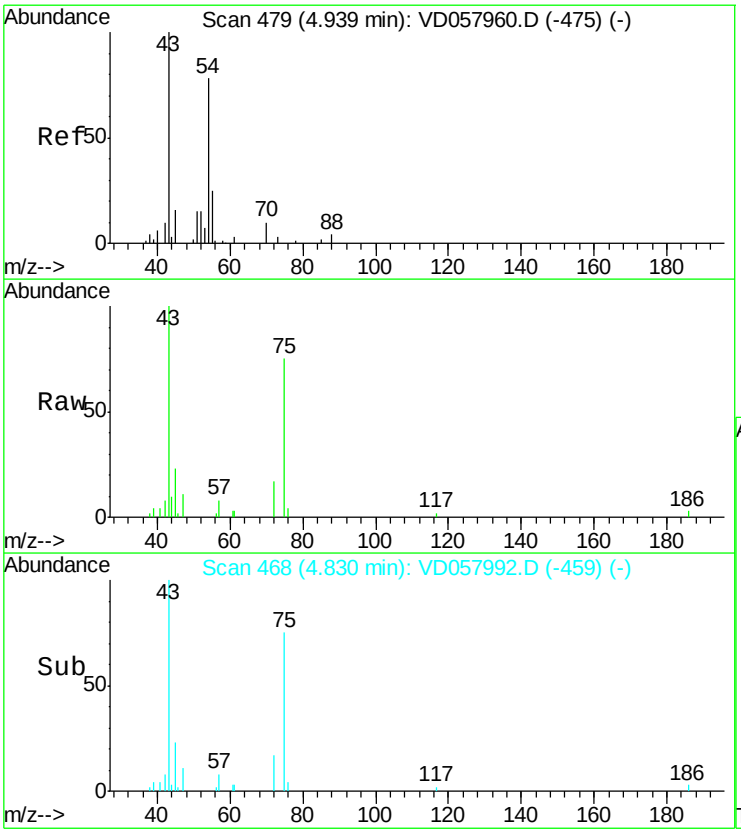
#36
1,1-Dichloropropene
Concen: 5.868 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.13 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Instrument : MSVOA_D
ClientSampleId : CAS1-SB-02-3-4

Tgt Ion: 75 Resp: 57139

Ion	Ratio	Lower	Upper
75	100		
110	6.2	14.8	44.3#
77	0.0	23.9	35.9#

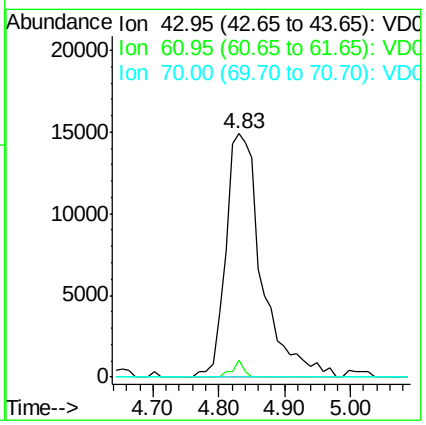


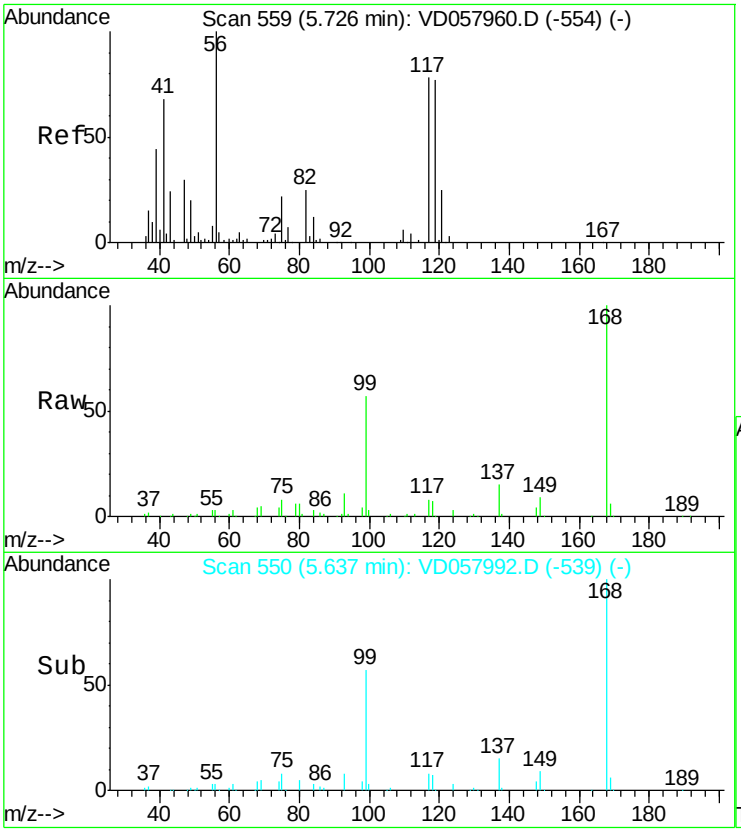


#37
Ethyl Acetate
Concen: 10.718 ug/l
RT: 4.83 min Scan# 468
Delta R.T. -0.11 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Tgt Ion: 43 Resp: 56950

Ion	Ratio	Lower	Upper
43	100		
61	6.9	9.9	14.9#
70	0.0	5.7	8.5#



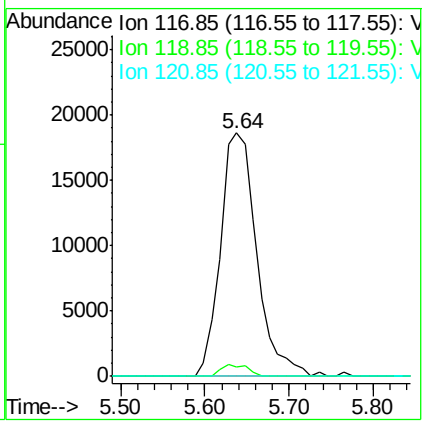


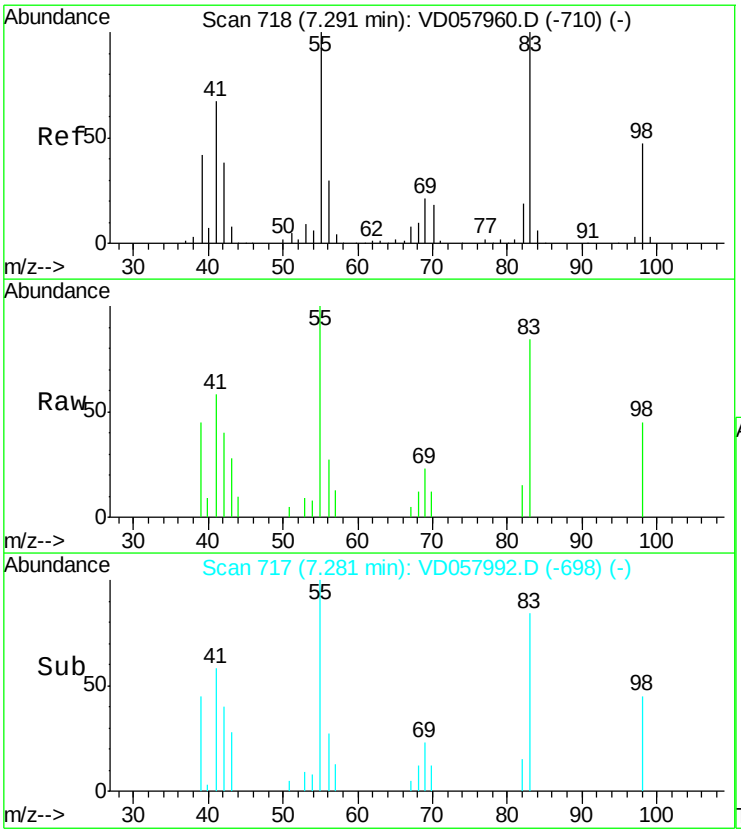
#38
Carbon Tetrachloride
Concen: 5.799 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.09 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Instrument :
MSVOA_D
ClientSampleId :
CAS1-SB-02-3-4

Tgt Ion:117 Resp: 55654

Ion	Ratio	Lower	Upper
117	100		
119	3.8	76.1	114.1#
121	0.0	24.9	37.3#

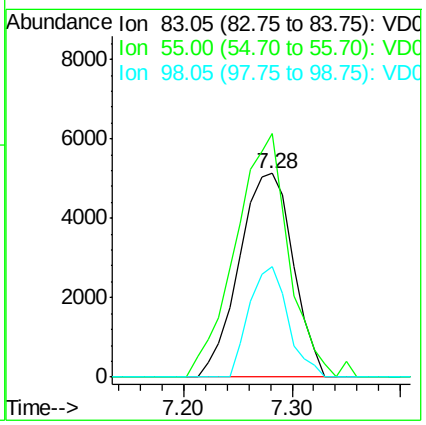


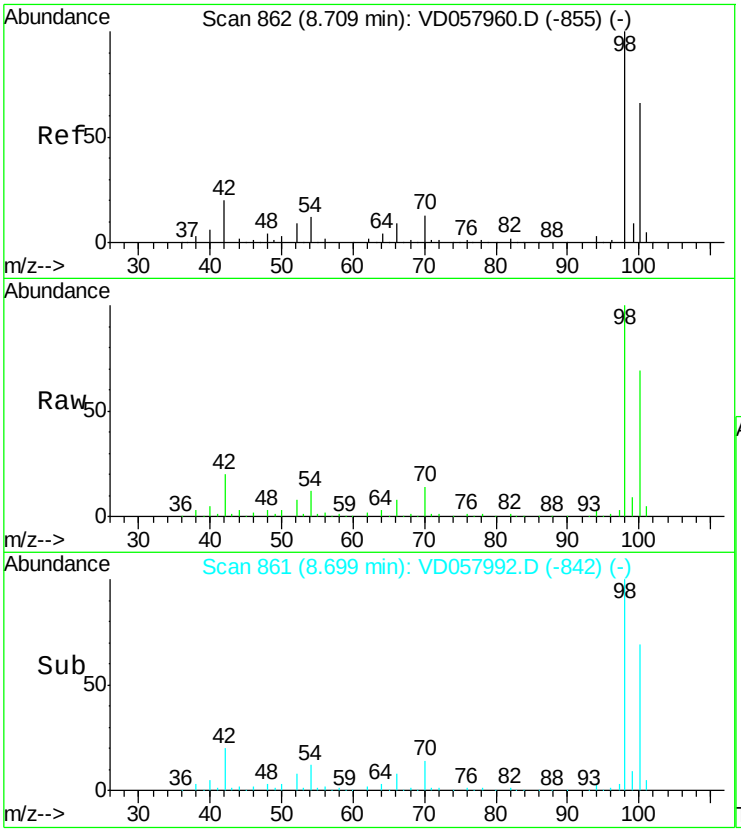


#39
Methylcyclohexane
Concen: 1.843 ug/l
RT: 7.28 min Scan# 717
Delta R.T. -0.01 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Tgt Ion: 83 Resp: 17794

Ion	Ratio	Lower	Upper
83	100		
55	119.6	80.3	120.5
98	54.0	38.0	57.0



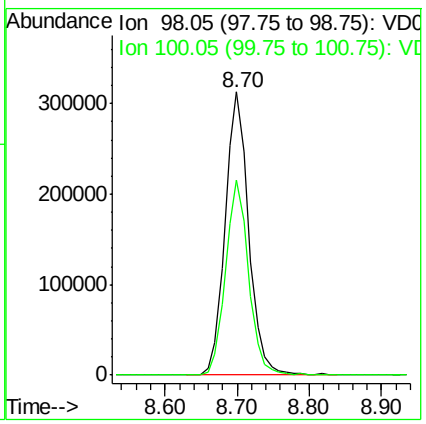


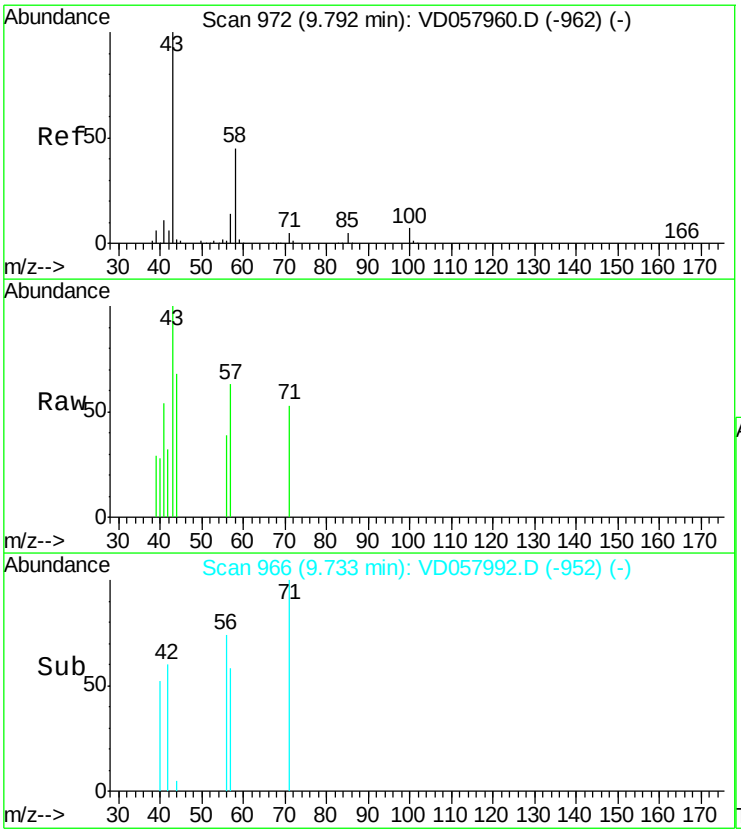
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Instrument :
MSVOA_D
ClientSampleId :
CAS1-SB-02-3-4

Tgt Ion: 98 Resp: 709423

Ion	Ratio	Lower	Upper
98	100		
100	69.0	53.4	80.0

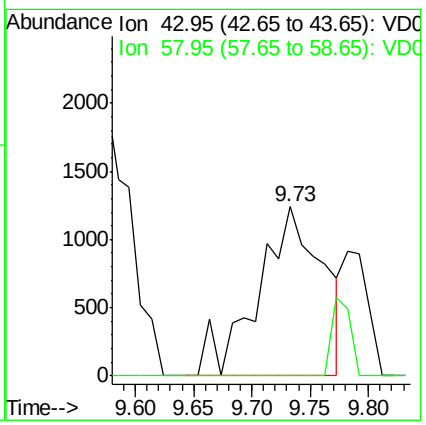


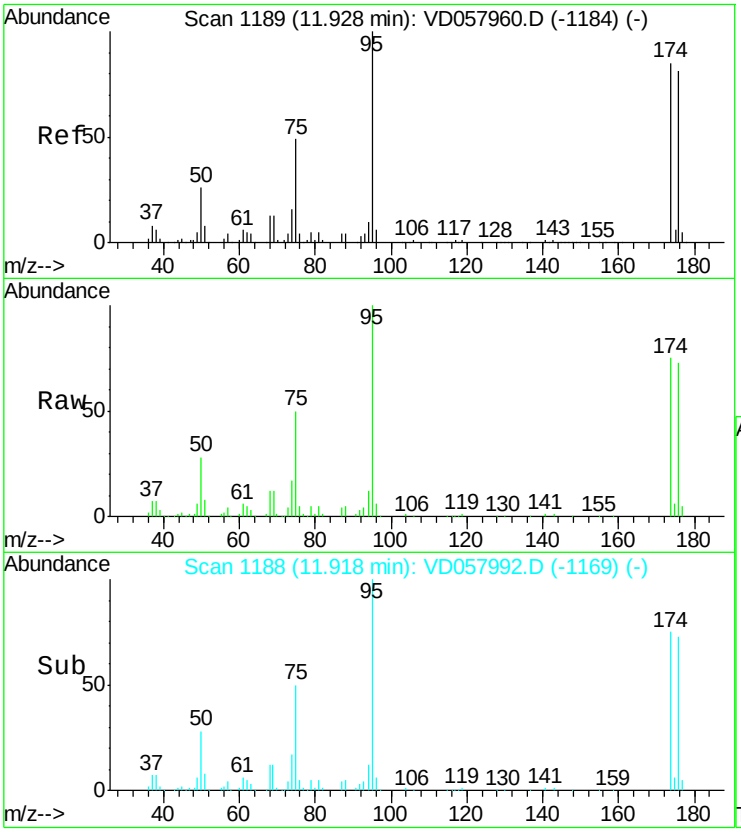


#59
2-Hexanone
Concen: 1.461 ug/l
RT: 9.73 min Scan# 966
Delta R.T. -0.06 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Tgt Ion: 43 Resp: 4780

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.5	67.5#



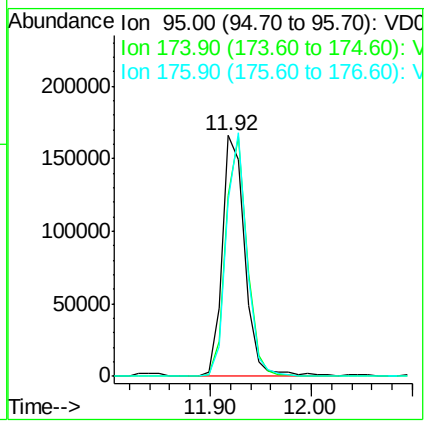


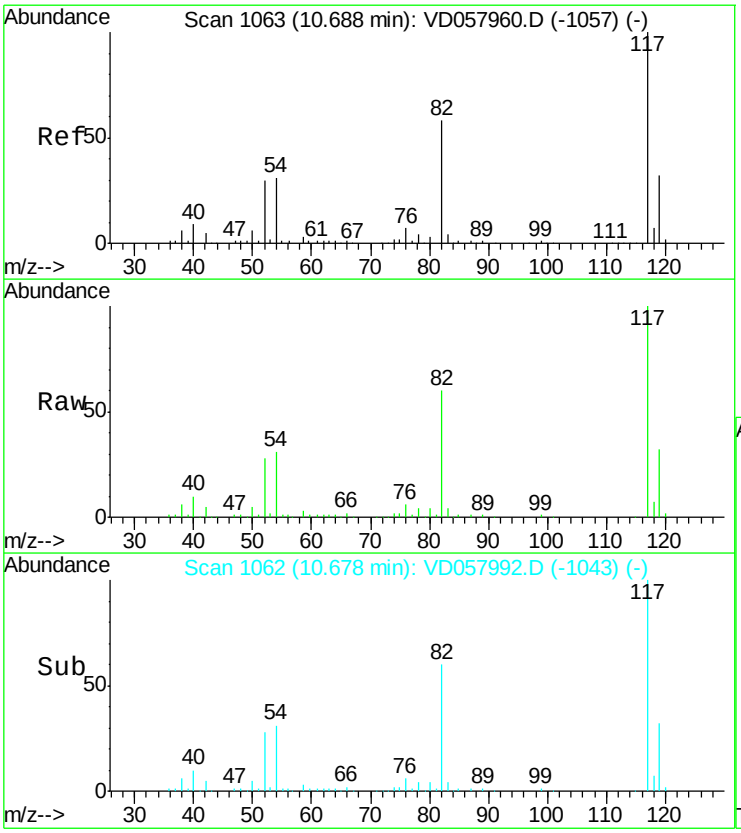
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Instrument :
MSVOA_D
ClientSampleId :
CAS1-SB-02-3-4

Tgt Ion: 95 Resp: 259433

Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	169.4
176	72.9	0.0	162.6

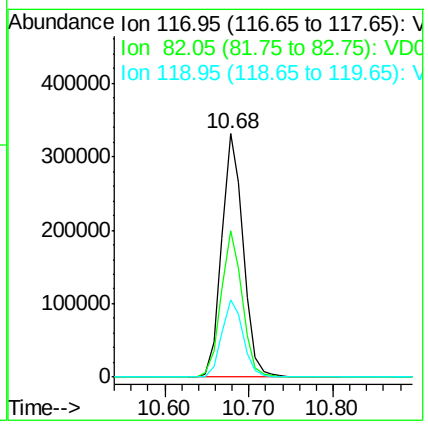


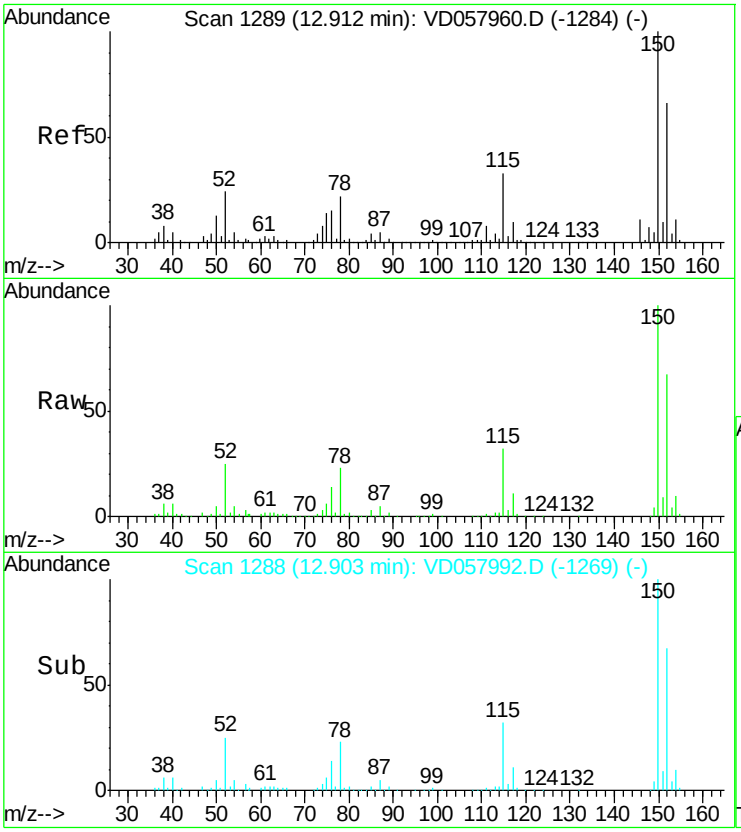


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Tgt Ion:117 Resp: 586489

Ion	Ratio	Lower	Upper
117	100		
82	59.9	46.8	70.2
119	31.8	25.8	38.6



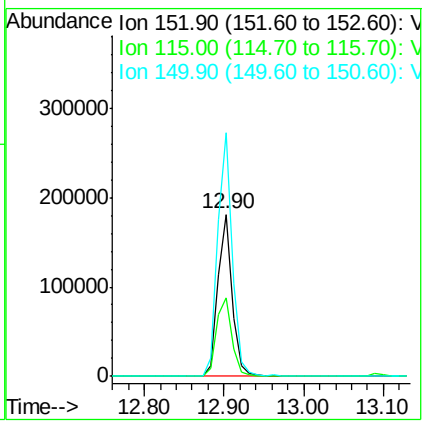


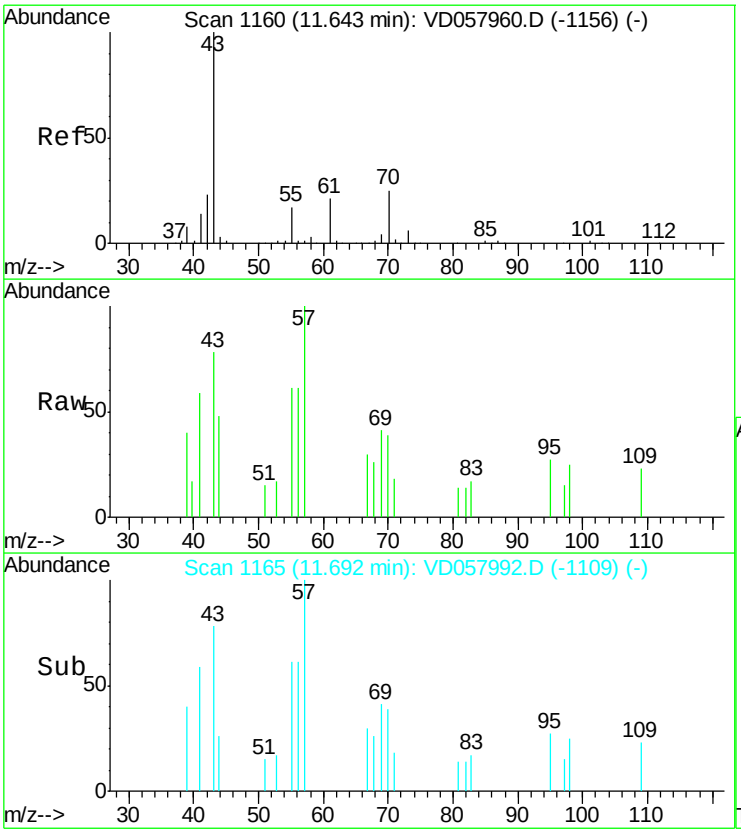
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Instrument :
MSVOA_D
ClientSampleId :
CAS1-SB-02-3-4

Tgt Ion:152 Resp: 231735

Ion	Ratio	Lower	Upper
152	100		
115	48.5	25.6	76.6
150	150.2	0.0	306.8

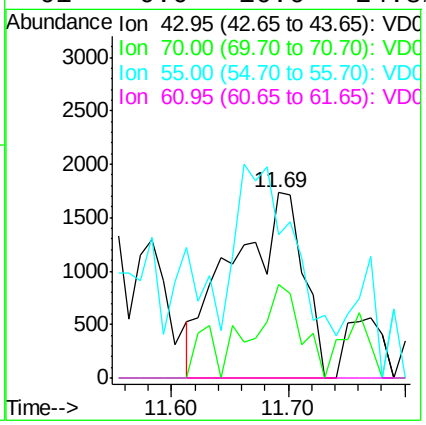


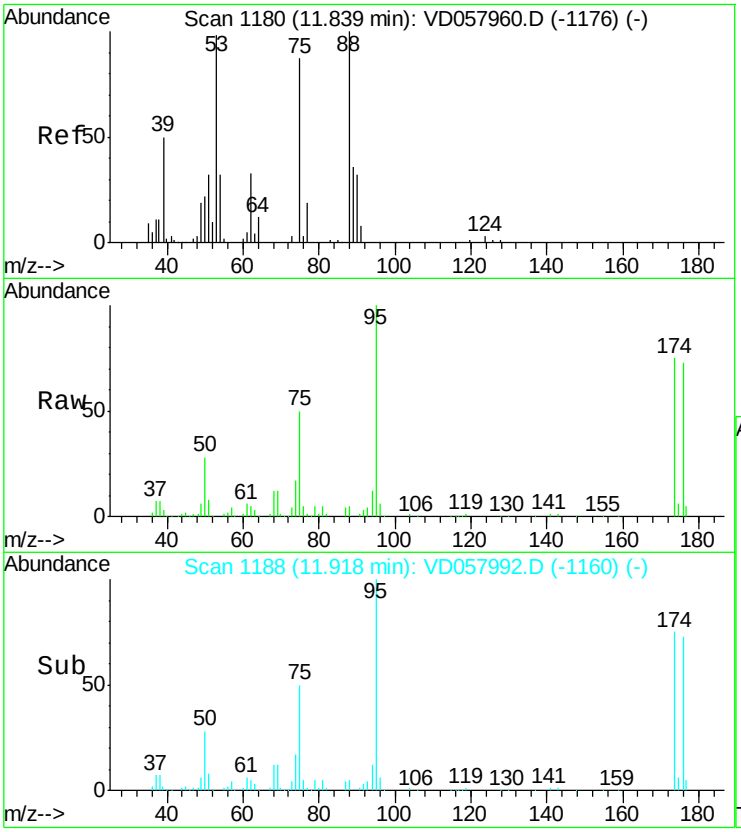


#74
N-amyl acetate
Concen: 1.229 ug/l
RT: 11.69 min Scan# 1165
Delta R.T. 0.05 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Tgt Ion: 43 Resp: 7280

Ion	Ratio	Lower	Upper
43	100		
70	50.2	20.3	30.5#
55	77.7	13.9	20.9#
61	0.0	16.6	24.8#



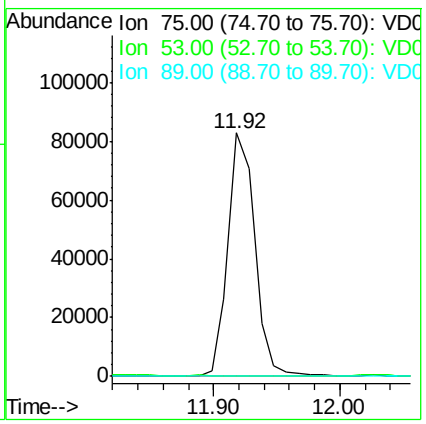


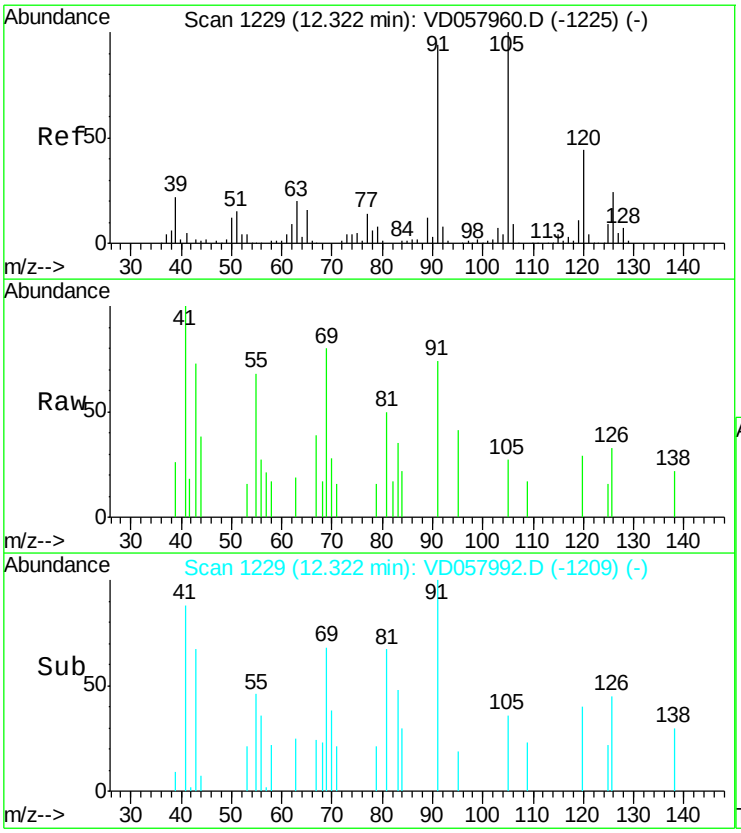
#81
trans-1,4-Dichloro-2-butene
Concen: 141.656 ug/l
RT: 11.92 min Scan# 1188
Delta R.T. 0.08 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Instrument :
MSVOA_D
ClientSampleId :
CAS1-SB-02-3-4

Tgt Ion: 75 Resp: 122134

Ion	Ratio	Lower	Upper
75	100		
53	0.0	89.3	133.9#
89	0.0	33.3	49.9#

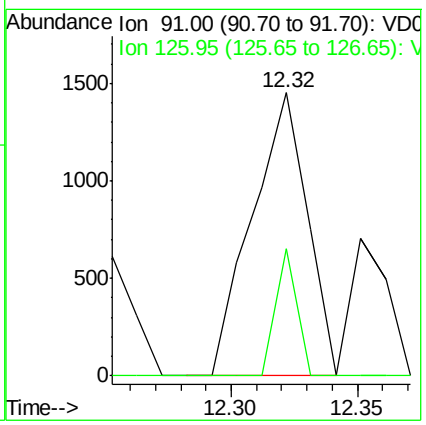


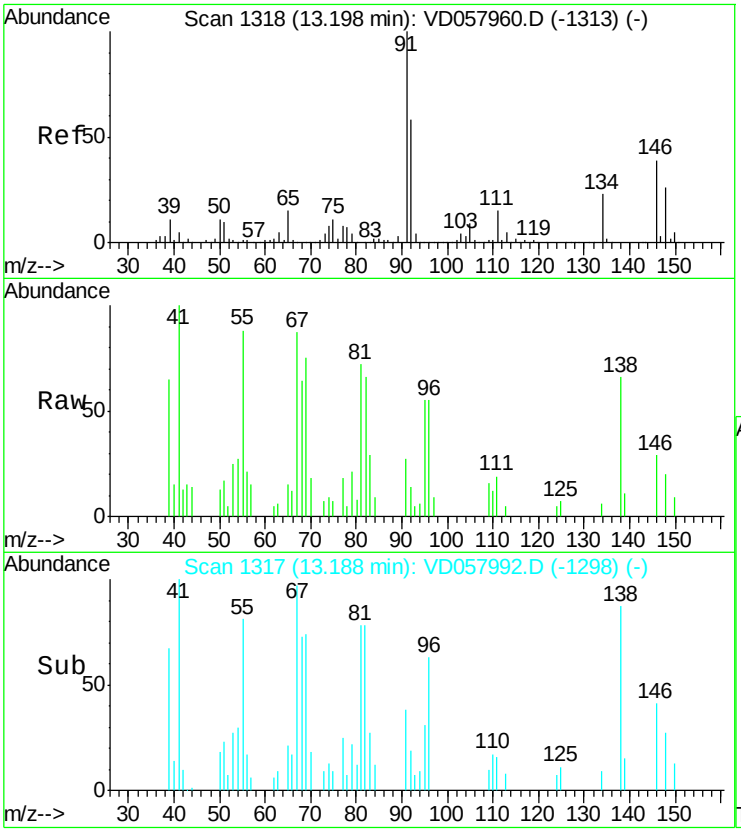


#82
4-Chlorotoluene
Concen: Below Cal
RT: 12.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Tgt Ion: 91 Resp: 2218

Ion	Ratio	Lower	Upper
91	100		
126	45.1	12.5	37.5#



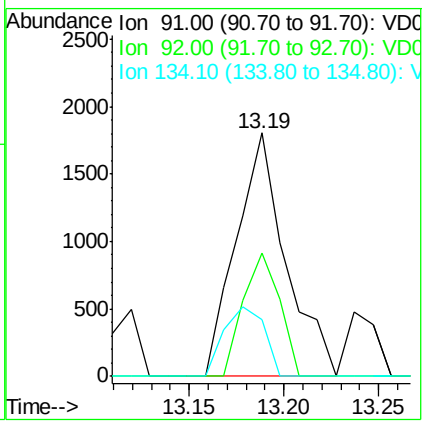


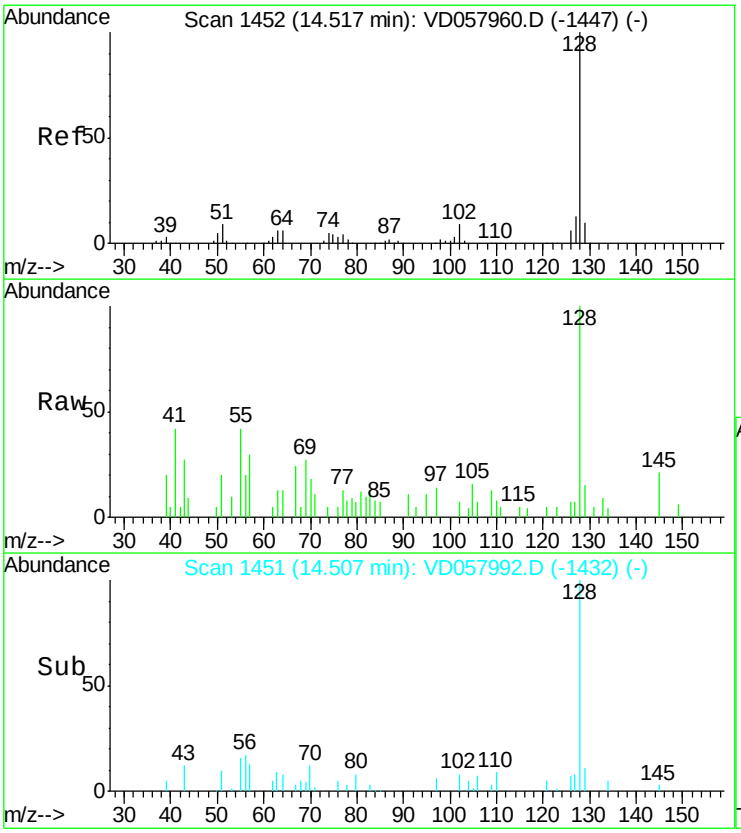
#89
n-Butylbenzene
Concen: Below Cal
RT: 13.19 min Scan# 1317
Delta R.T. -0.01 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Instrument : MSVOA_D
ClientSampleId : CAS1-SB-02-3-4

Tgt Ion: 91 Resp: 3273

Ion	Ratio	Lower	Upper
91	100		
92	50.7	29.2	87.6
134	23.2	11.3	33.9





#95
Naphthalene
Concen: 1.128 ug/l
RT: 14.51 min Scan# 1451
Delta R.T. -0.01 min
Lab File: VD057992.D
Acq: 8 Jun 2018 2:40

Tgt Ion:128 Resp: 8436

Ion	Ratio	Lower	Upper
128	100		
127	7.0	10.2	15.2#
129	15.2	8.2	12.2#