Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD070119\
Data File : VD062987.D
Acq On : 1 Jul 2019 13:53
Operator : VA/AP
Sample : K3576-02RE
Misc : 5.12g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SP-1

Quant Time: Jul 02 07:34:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	852651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1204656	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	858721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	292934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	486899	52.53	ug/l	-0.01
Spiked Amount 50.000			Recovery = 105.06%			
35) Dibromofluoromethane	6.92	113	510671	50.27	ug/l	-0.01
Spiked Amount 50.000			Recovery = 100.54%			
50) Toluene-d8	10.40	98	989344	44.75	ug/l	-0.01
Spiked Amount 50.000			Recovery = 89.50%			
62) 4-Bromofluorobenzene	13.55	95	313455	31.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 62.36%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.97	59	548	1.298	ug/l #	77
13) Acrolein	2.99	56	517	1.200	ug/l #	15
16) Acetone	3.27	43	482	Below Cal	#	64
20) Methylene Chloride	3.81	84	27027	3.824	ug/l	93
31) Cyclohexane	7.04	56	20577	2.364	ug/l #	21
36) 1,1-Dichloropropene	7.04	75	65466	5.741	ug/l #	54
37) Ethyl Acetate	6.20	43	393	Below Cal	#	69
38) Carbon Tetrachloride	7.04	117	83095	4.845	ug/l #	17
81) trans-1,4-Dichloro-2-buten	13.55	75	145643	164.328	ug/l #	2

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD070119\
Data File : VD062987.D
Acq On : 1 Jul 2019 13:53
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Sample : K3576-02RE
Misc : 5.12g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

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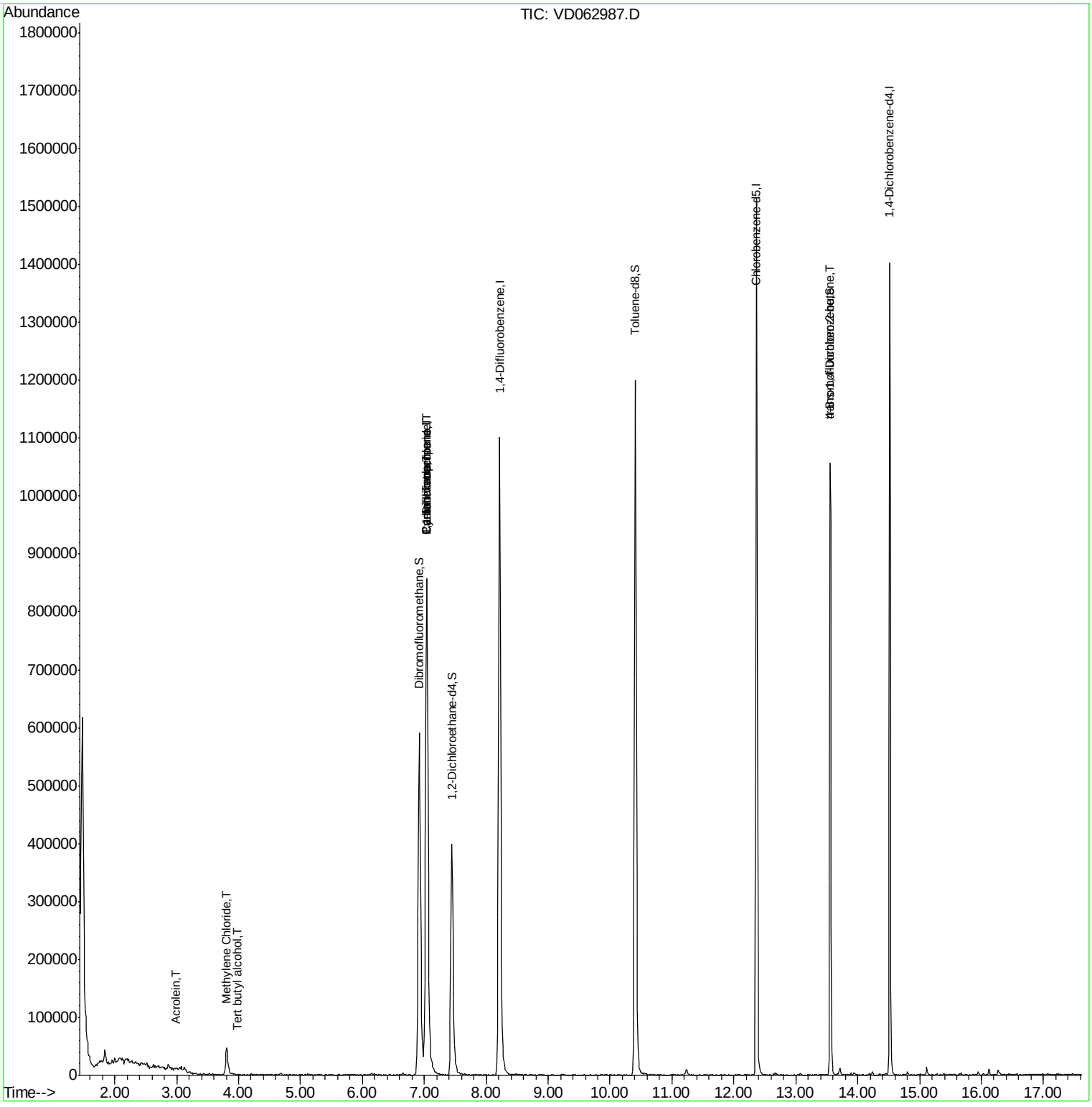
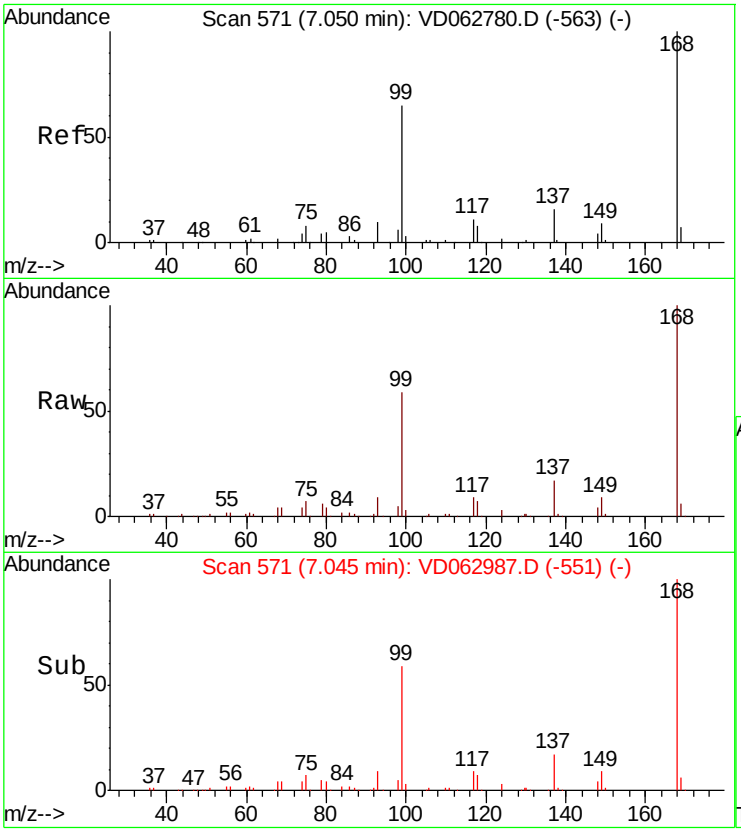
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration



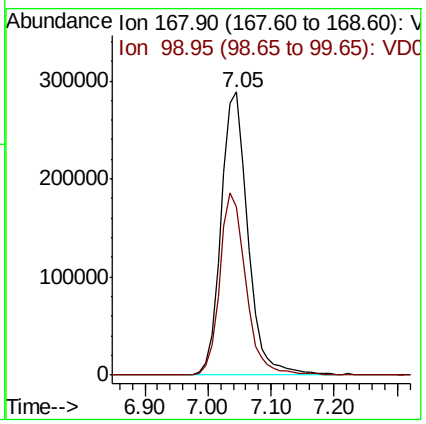


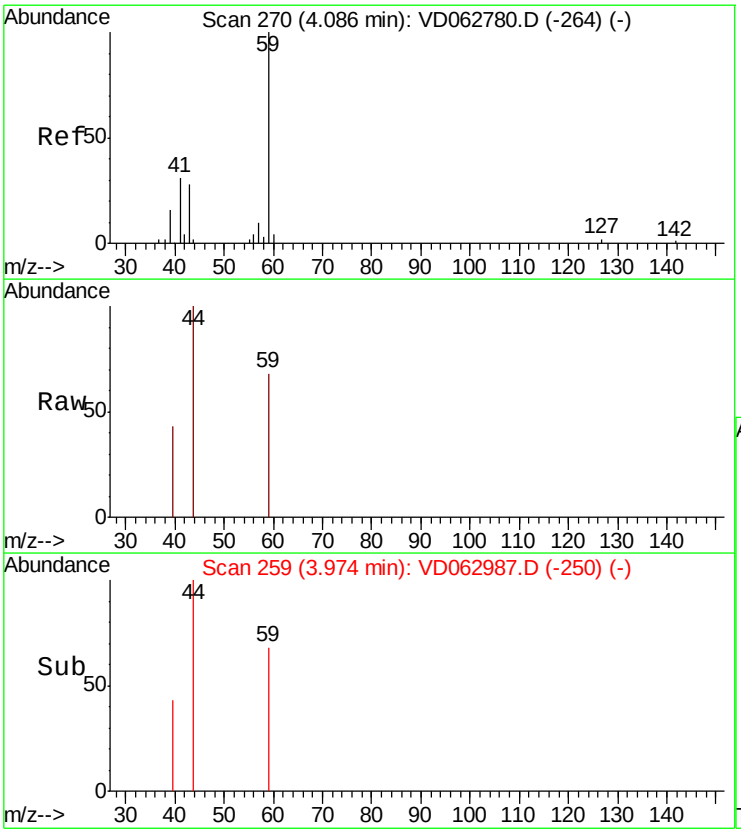
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.00 min
Lab File: VD062987.D
Acq: 1 Jul 2019 13:53

Instrument :
MSVOA_D
ClientSampleId :
SP-1

Tgt Ion:168 Resp: 852651

Ion	Ratio	Lower	Upper
168	100		
99	59.4	53.0	79.6

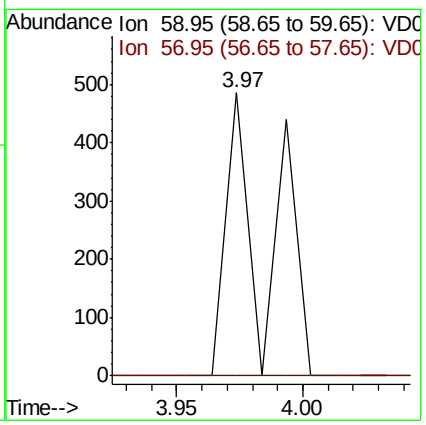


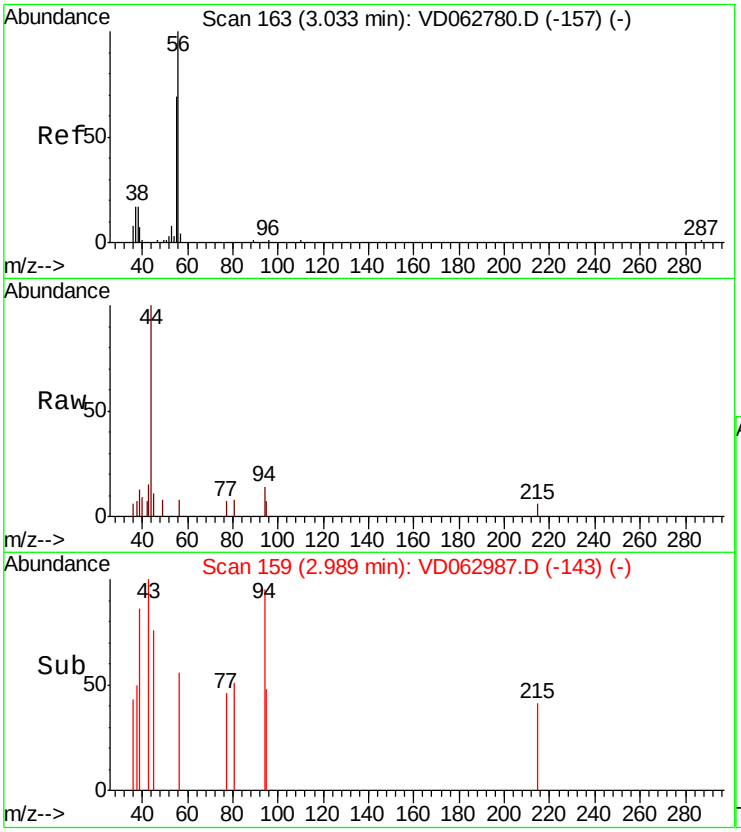


#11
Tert butyl alcohol
Concen: 1.298 ug/l
RT: 3.97 min Scan# 259
Delta R.T. -0.11 min
Lab File: VD062987.D
Acq: 1 Jul 2019 13:53

Tgt Ion: 59 Resp: 548

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.6	10.0#



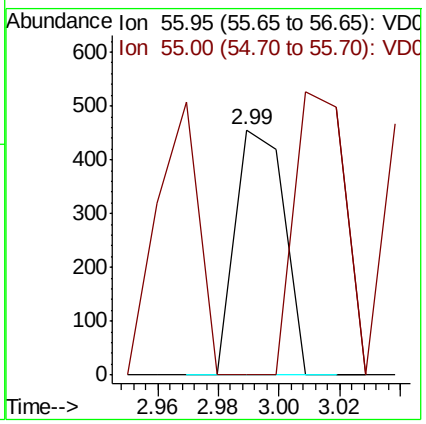


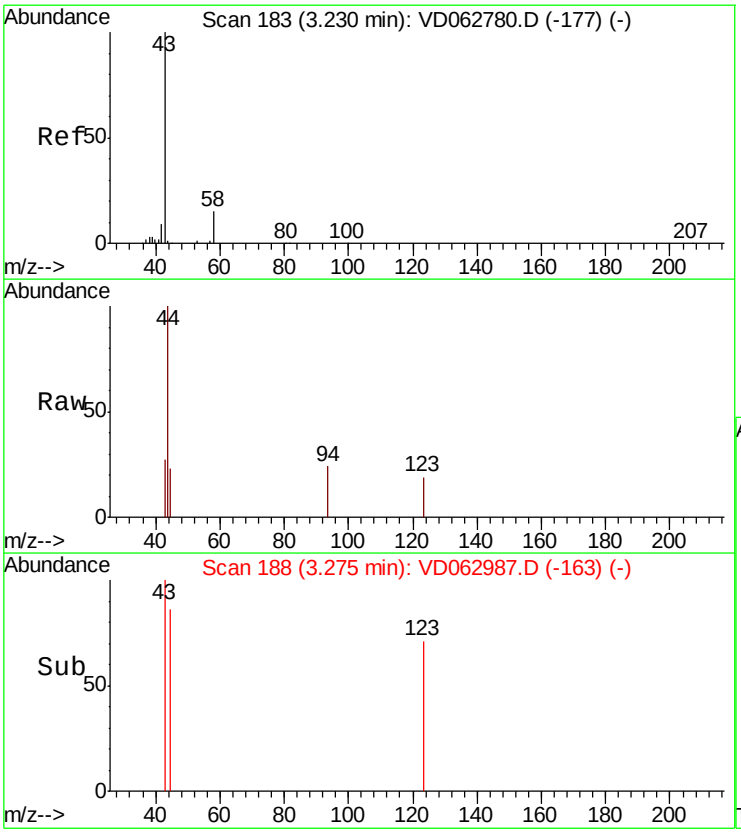
#13
Acrolein
Concen: 1.200 ug/l
RT: 2.99 min Scan# 159
Delta R.T. -0.04 min
Lab File: VD062987.D
Acq: 1 Jul 2019 13:53

Instrument : MSVOA_D
ClientSampleId : SP-1

Tgt Ion: 56 Resp: 517

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.4	83.0#

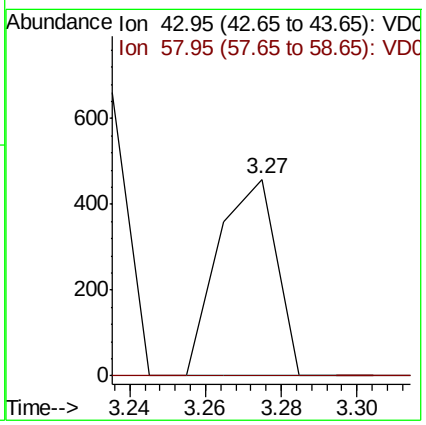


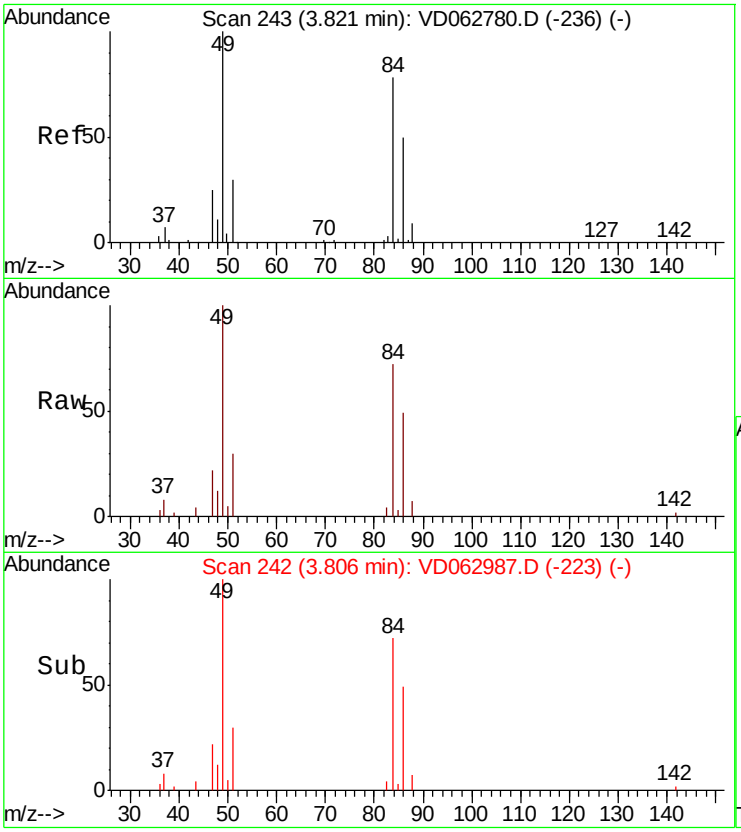


#16
Acetone
Concen: Below Cal
RT: 3.27 min Scan# 188
Delta R.T. 0.04 min
Lab File: VD062987.D
Acq: 1 Jul 2019 13:53

Tgt Ion: 43 Resp: 482

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.9	17.9#



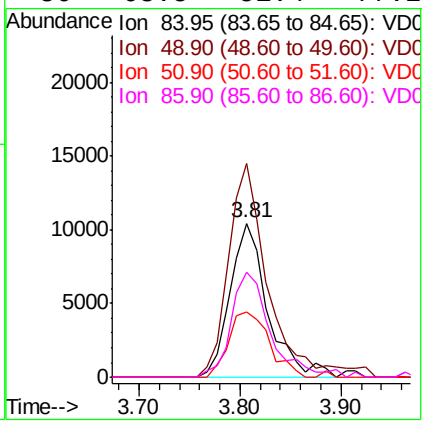


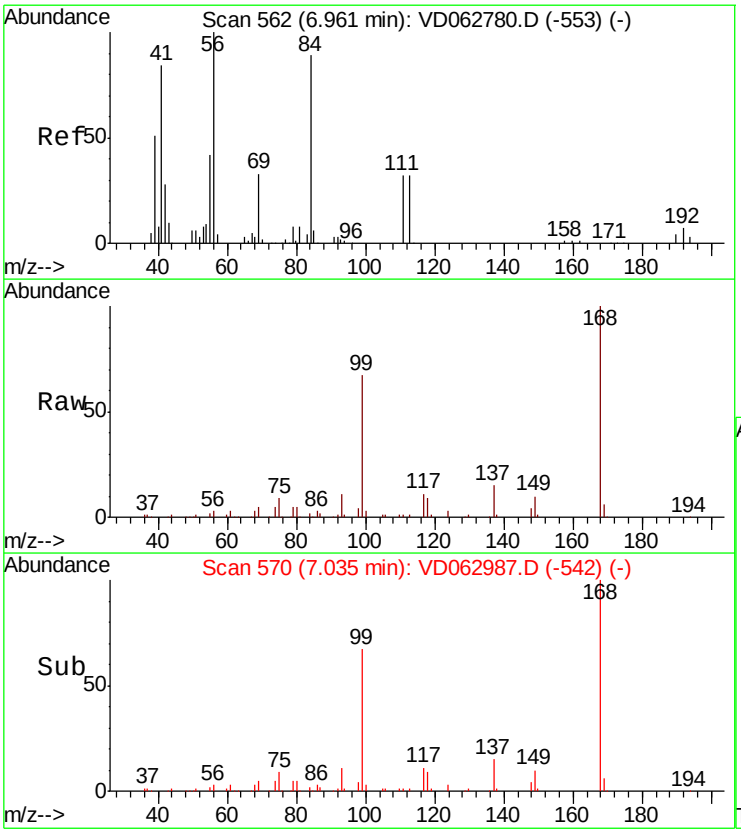
#20
Methylene Chloride
Concen: 3.824 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD062987.D
Acq: 1 Jul 2019 13:53

Instrument : MSVOA_D
ClientSampleId : SP-1

Tgt Ion: 84 Resp: 27027

Ion	Ratio	Lower	Upper
84	100		
49	138.7	102.9	154.3
51	42.2	31.2	46.8
86	68.5	51.4	77.2

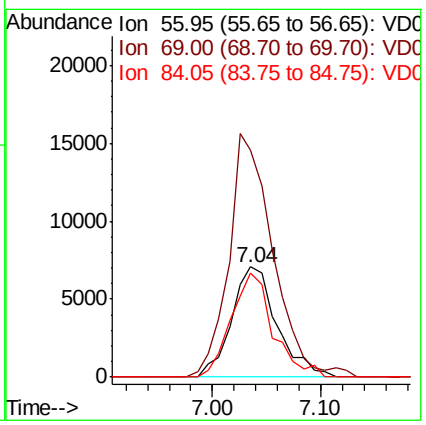


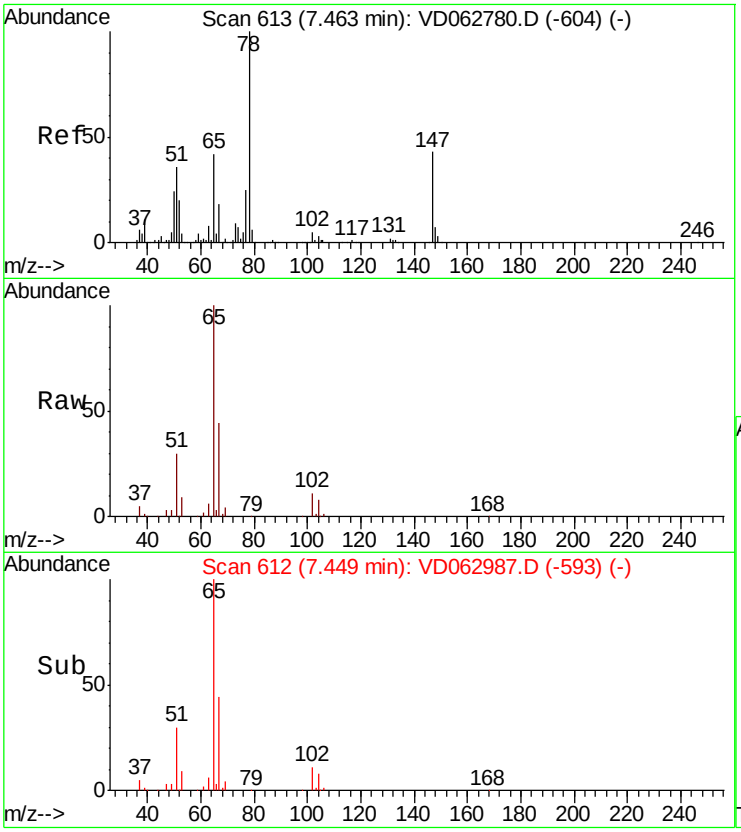


#31
Cyclohexane
Concen: 2.364 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.07 min
Lab File: VD062987.D
Acq: 1 Jul 2019 13:53

Tgt Ion: 56 Resp: 20577

Ion	Ratio	Lower	Upper
56	100		
69	205.6	26.6	39.8#
84	94.5	75.5	113.3



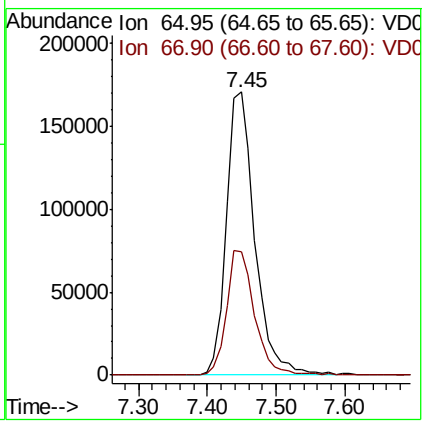


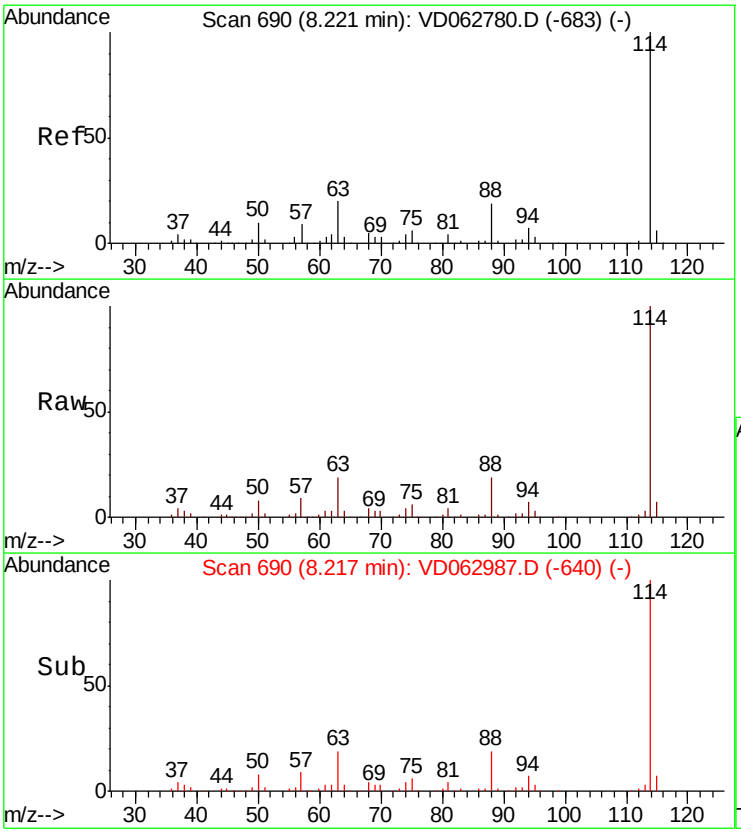
#33
1,2-Dichloroethane-d4
Concen: 52.534 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD062987.D
Acq: 1 Jul 2019 13:53

Instrument : MSVOA_D
ClientSampleId : SP-1

Tgt Ion: 65 Resp: 486899

Ion	Ratio	Lower	Upper
65	100		
67	43.6	0.0	87.4

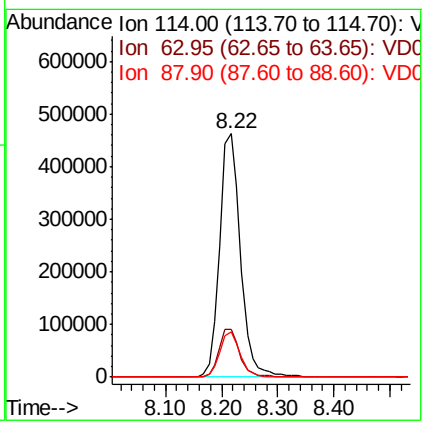


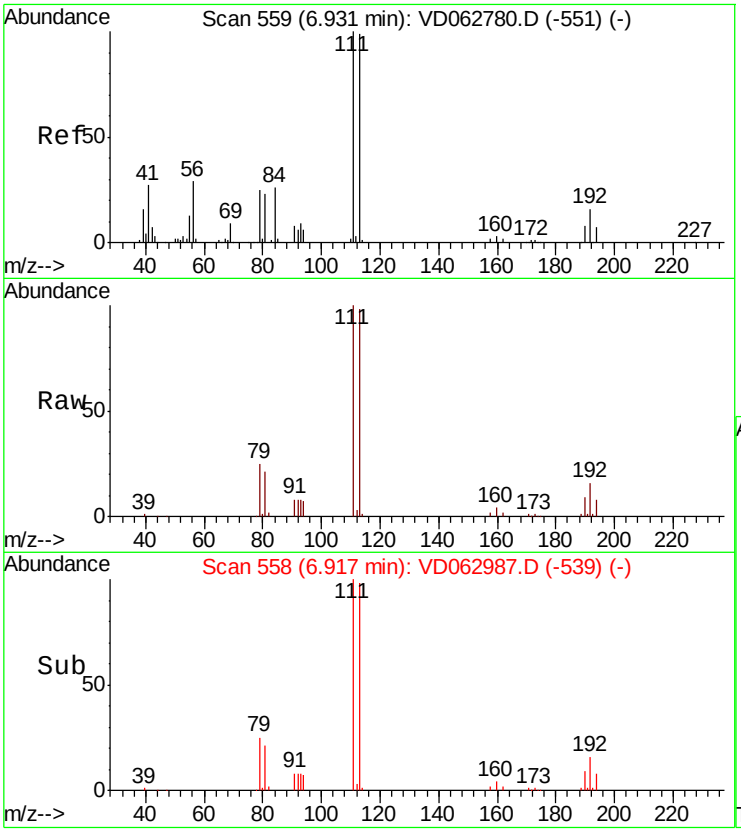


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. -0.00 min
Lab File: VD062987.D
Acq: 1 Jul 2019 13:53

Tgt Ion:114 Resp: 1204656

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.0
88	18.7	0.0	38.8



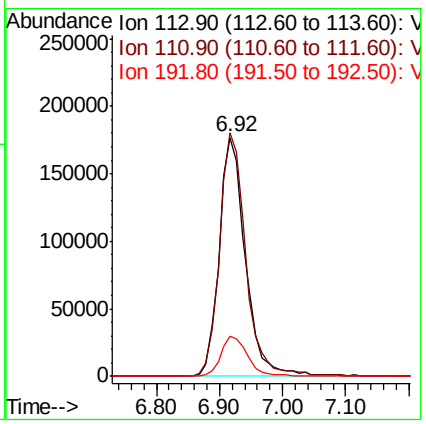


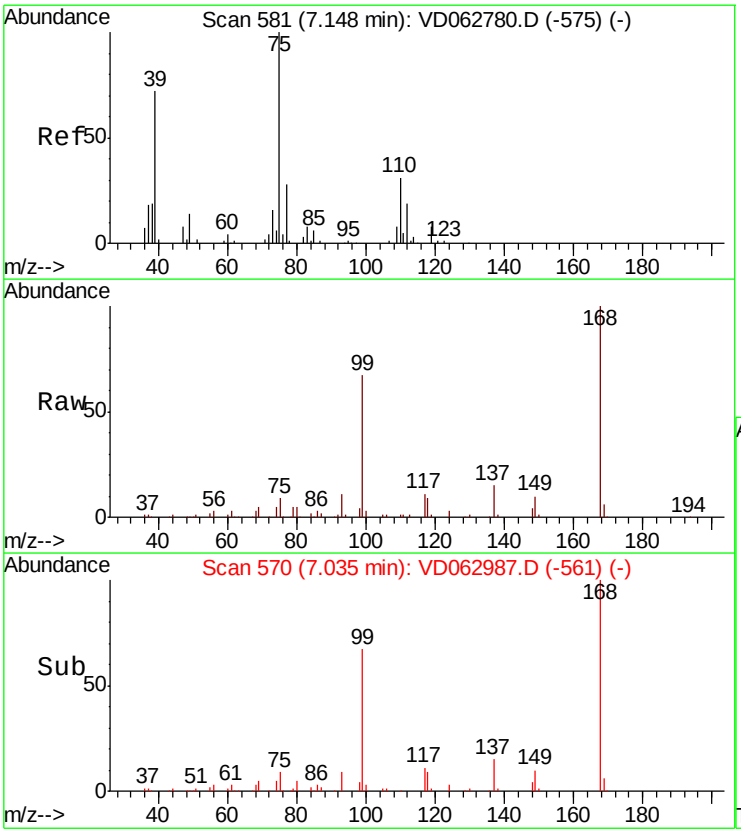
#35
Dibromofluoromethane
Concen: 50.275 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.01 min
Lab File: VD062987.D
Acq: 1 Jul 2019 13:53

Instrument :
MSVOA_D
ClientSampleId :
SP-1

Tgt Ion:113 Resp: 510671

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.2	121.8
192	16.6	12.9	19.3

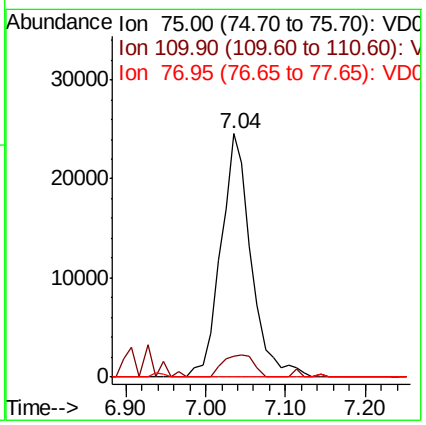


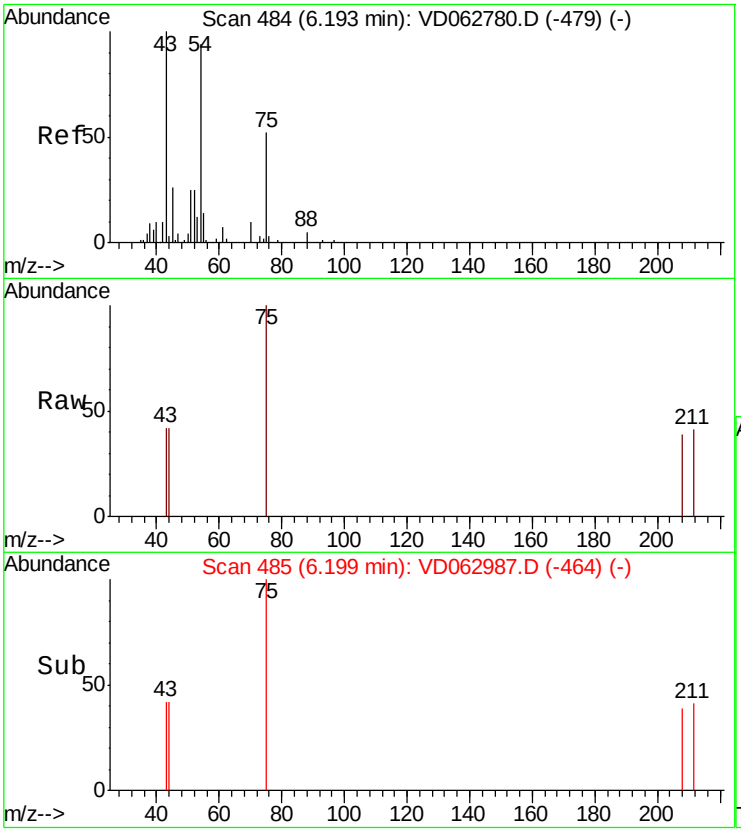


#36
1,1-Dichloropropene
Concen: 5.741 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.11 min
Lab File: VD062987.D
Acq: 1 Jul 2019 13:53

Tgt Ion: 75 Resp: 65466

Ion	Ratio	Lower	Upper
75	100		
110	8.6	15.0	45.1#
77	0.0	22.2	33.2#



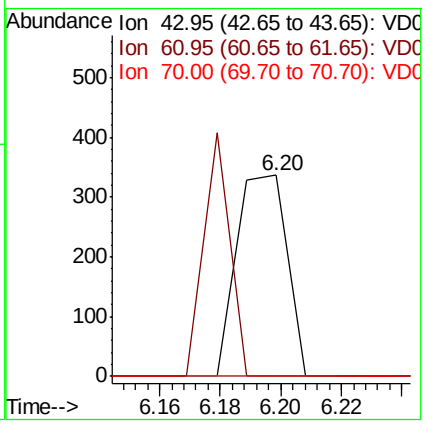


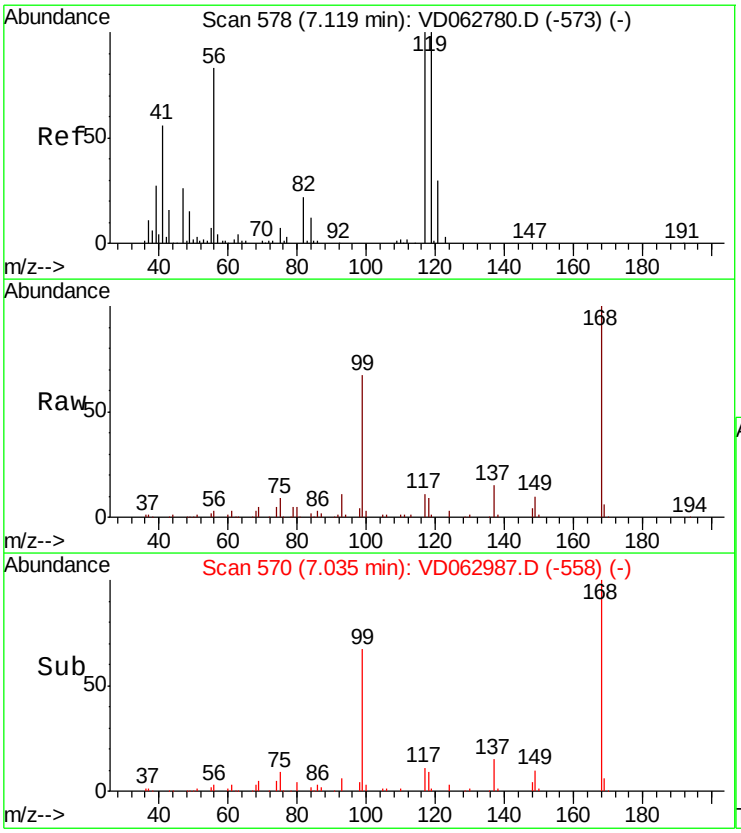
#37
Ethyl Acetate
Concen: Below Cal
RT: 6.20 min Scan# 485
Delta R.T. 0.01 min
Lab File: VD062987.D
Acq: 1 Jul 2019 13:53

Instrument : MSVOA_D
ClientSampleId : SP-1

Tgt Ion: 43 Resp: 393

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	6.4	9.6#

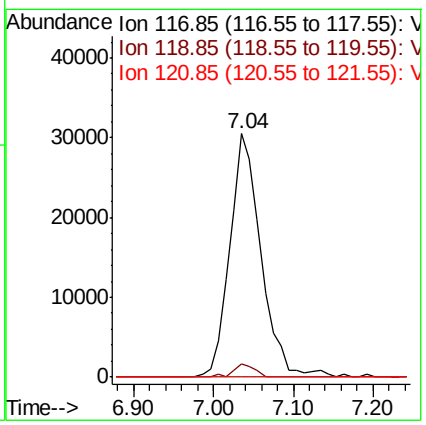


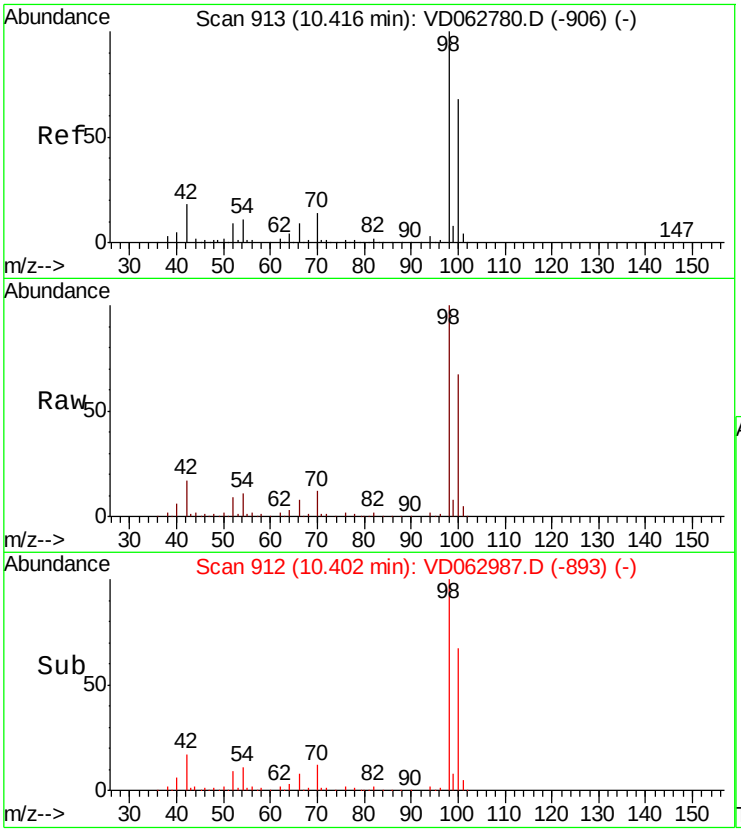


#38
Carbon Tetrachloride
Concen: 4.845 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.08 min
Lab File: VD062987.D
Acq: 1 Jul 2019 13:53

Tgt Ion:117 Resp: 83095

Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.4	113.2#
121	0.0	22.3	33.5#



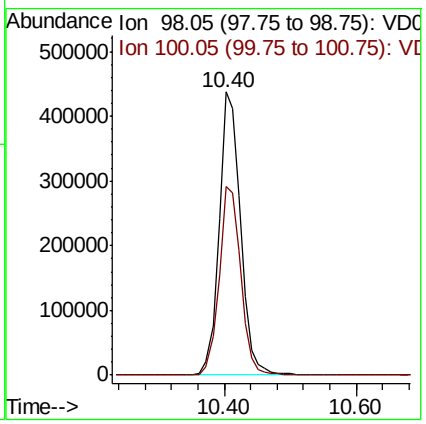


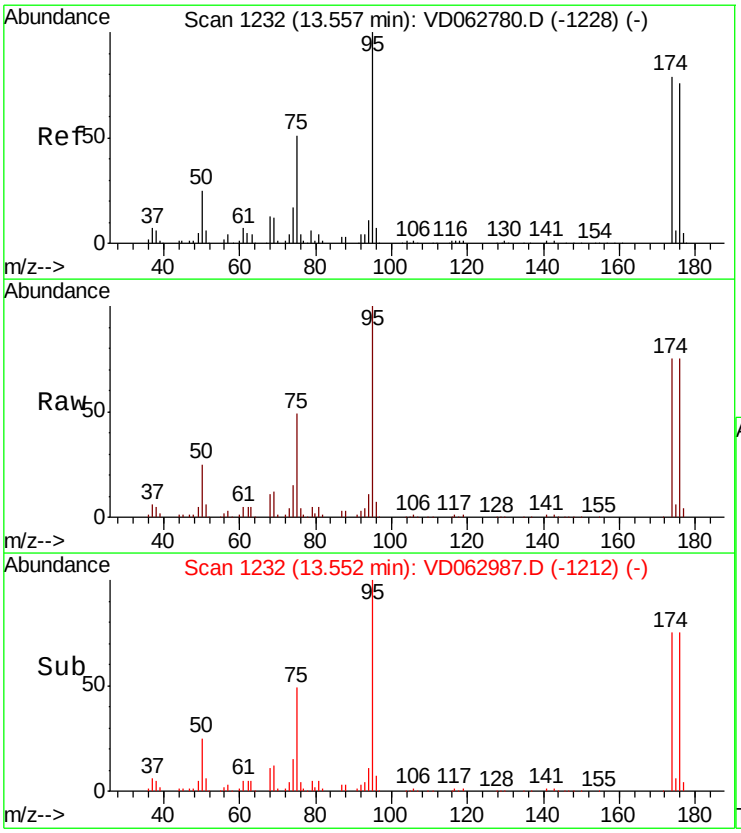
#50
Toluene-d8
Concen: 44.751 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062987.D
Acq: 1 Jul 2019 13:53

Instrument : MSVOA_D
ClientSampleId : SP-1

Tgt Ion: 98 Resp: 989344

Ion	Ratio	Lower	Upper
98	100		
100	66.6	54.7	82.1

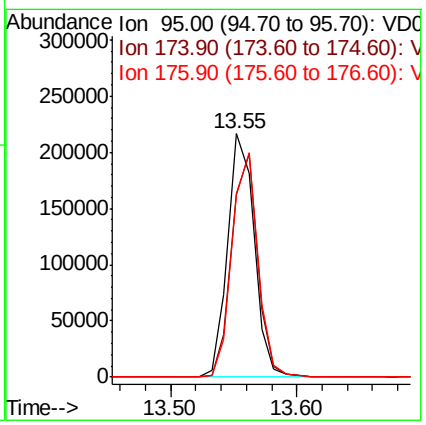


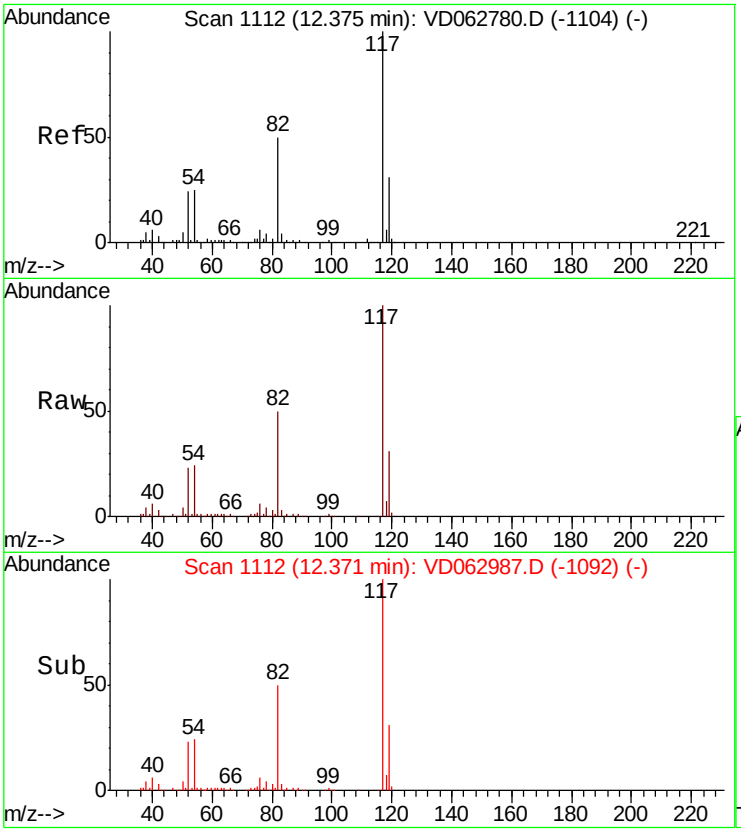


#62
4-Bromofluorobenzene
Concen: 31.182 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062987.D
Acq: 1 Jul 2019 13:53

Tgt Ion: 95 Resp: 313455

Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	158.0
176	74.7	0.0	151.6



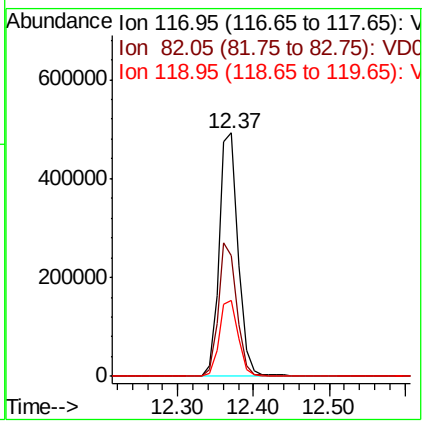


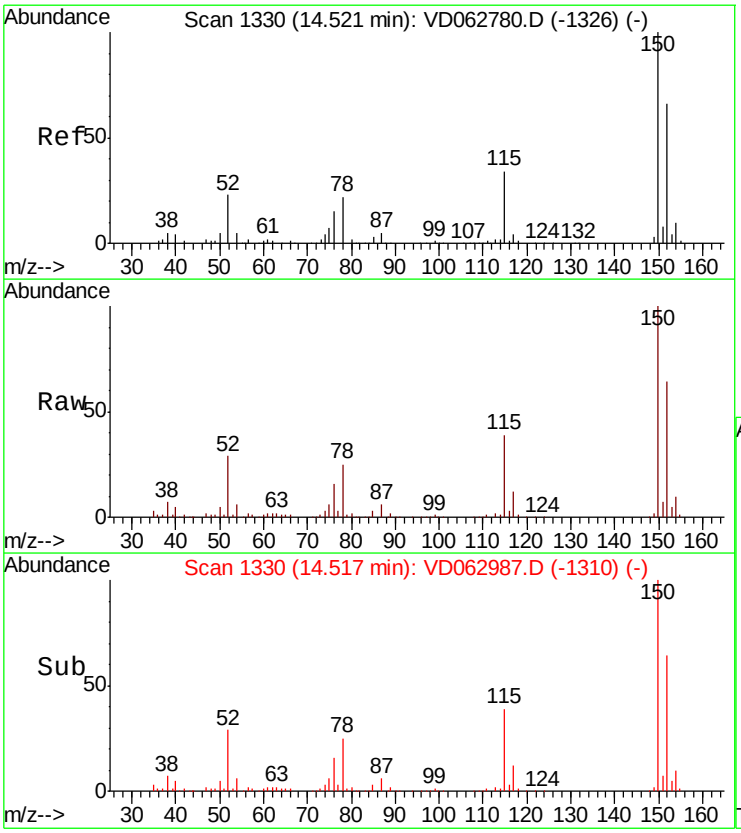
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062987.D
Acq: 1 Jul 2019 13:53

Instrument : MSVOA_D
ClientSampleId : SP-1

Tgt Ion:117 Resp: 858721

Ion	Ratio	Lower	Upper
117	100		
82	49.8	40.4	60.6
119	31.1	25.2	37.8

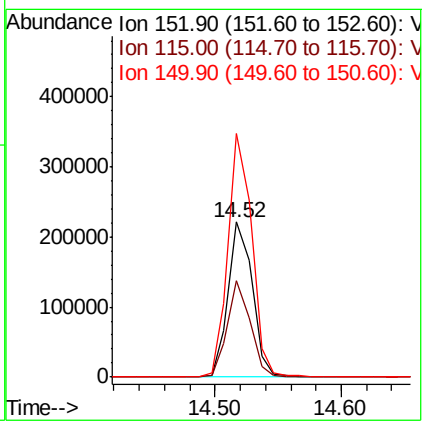


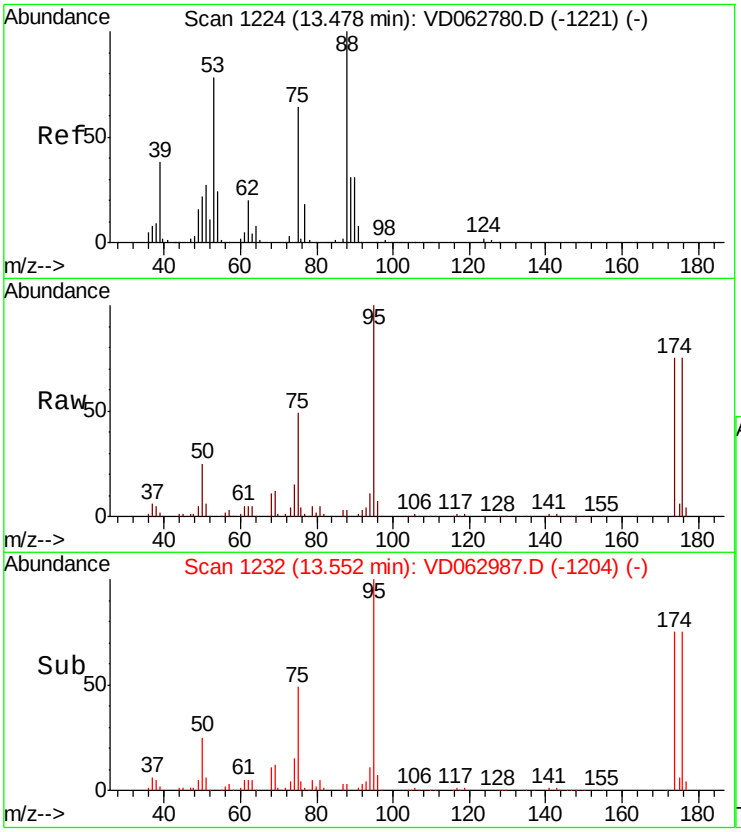


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062987.D
Acq: 1 Jul 2019 13:53

Tgt Ion:152 Resp: 292934

Ion	Ratio	Lower	Upper
152	100		
115	62.0	29.2	87.6
150	157.0	0.0	305.8





#81
trans-1,4-Dichloro-2-butene
Concen: 164.328 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.07 min
Lab File: VD062987.D
Acq: 1 Jul 2019 13:53

Instrument :
MSVOA_D
ClientSampleId :
SP-1

Tgt Ion: 75 Resp: 145643

Ion	Ratio	Lower	Upper
75	100		
53	0.0	97.8	146.8#
89	0.0	39.4	59.2#