Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042619\
Data File : VD062058.D
Acq On : 26 Apr 2019 16:56
Operator : VA/AP
Sample : K2601-02
Misc : 5.93g/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FK-EF-01-008-ABCD

Quant Time: Apr 26 23:05:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.09	168	501618	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.26	114	863230	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.39	117	651393	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.54	152	227965	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.50	65	204500	52.09	ug/l	0.04
Spiked Amount 50.000			Recovery = 104.18%			
35) Dibromofluoromethane	6.97	113	282894	47.39	ug/l	0.03
Spiked Amount 50.000			Recovery = 94.78%			
50) Toluene-d8	10.45	98	621118	43.72	ug/l	0.03
Spiked Amount 50.000			Recovery = 87.44%			
62) 4-Bromofluorobenzene	13.57	95	234699	41.19	ug/l	0.01
Spiked Amount 50.000			Recovery = 82.38%			
Target Compounds						Qvalue
5) Bromomethane	2.15	94	338	Below Cal	#	12
10) Methyl Iodide	3.36	142	813	5.527	ug/l #	37
16) Acetone	3.25	43	51136	54.551	ug/l	98
18) Methyl Acetate	3.68	43	2734	Below Cal	#	53
20) Methylene Chloride	3.85	84	9728	Below Cal		91
36) 1,1-Dichloropropene	7.09	75	38340	5.701	ug/l #	47
38) Carbon Tetrachloride	7.09	117	50516	5.928	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.89	63	4678	2.549	ug/l #	79
59) 2-Hexanone	11.52	43	2410	1.255	ug/l #	27
76) 1,2,3-Trichloropropane	13.57	75	92188	31.846	ug/l #	45
81) trans-1,4-Dichloro-2-buten	13.57	75	93028	106.046	ug/l #	16
87) 1,3-Dichlorobenzene	14.56	146	13215	1.730	ug/l	96
88) 1,4-Dichlorobenzene	14.56	146	13215	1.850	ug/l	96

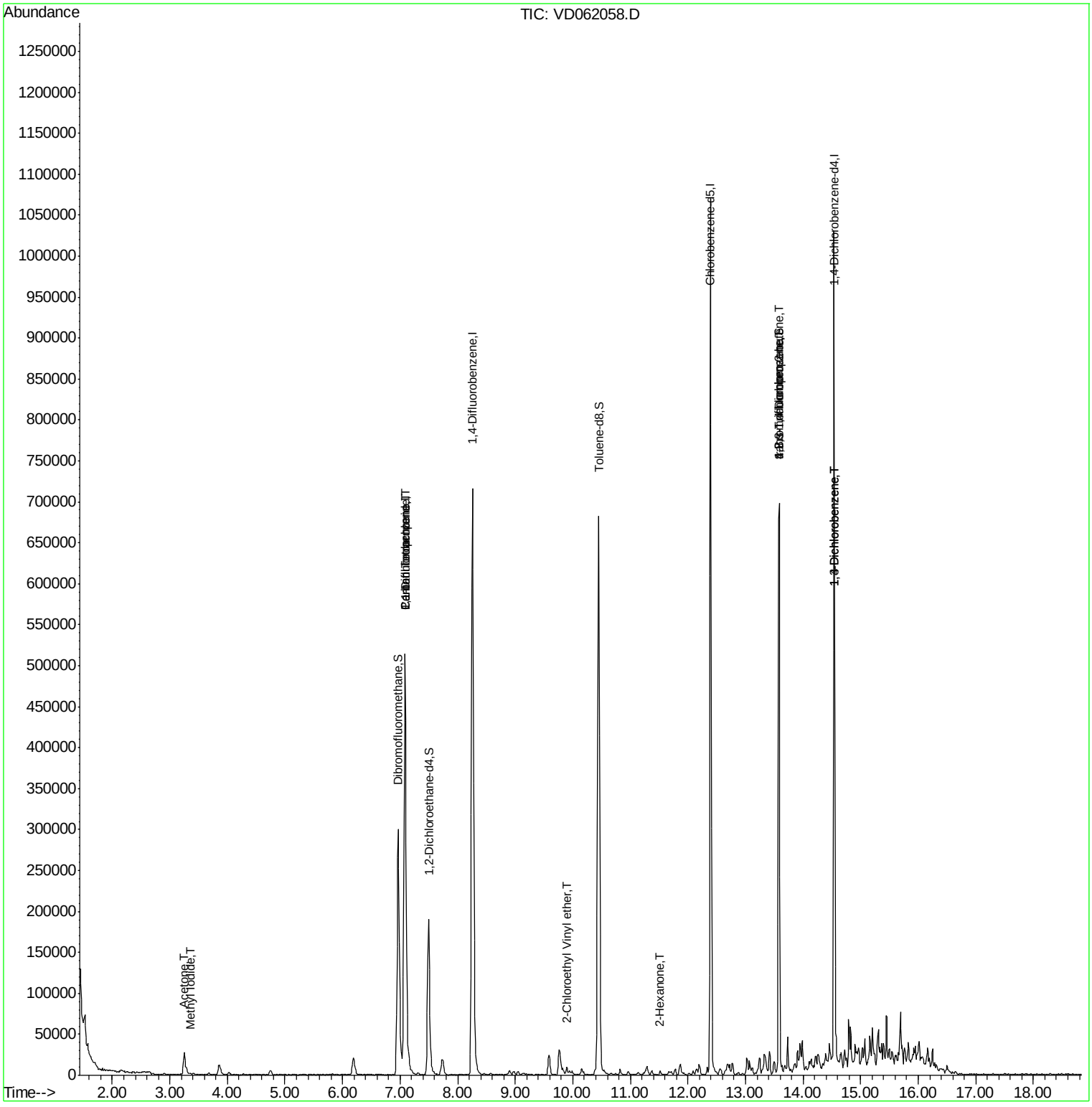
(#) = qualifier out of range (m) = manual integration (+) = signals summed

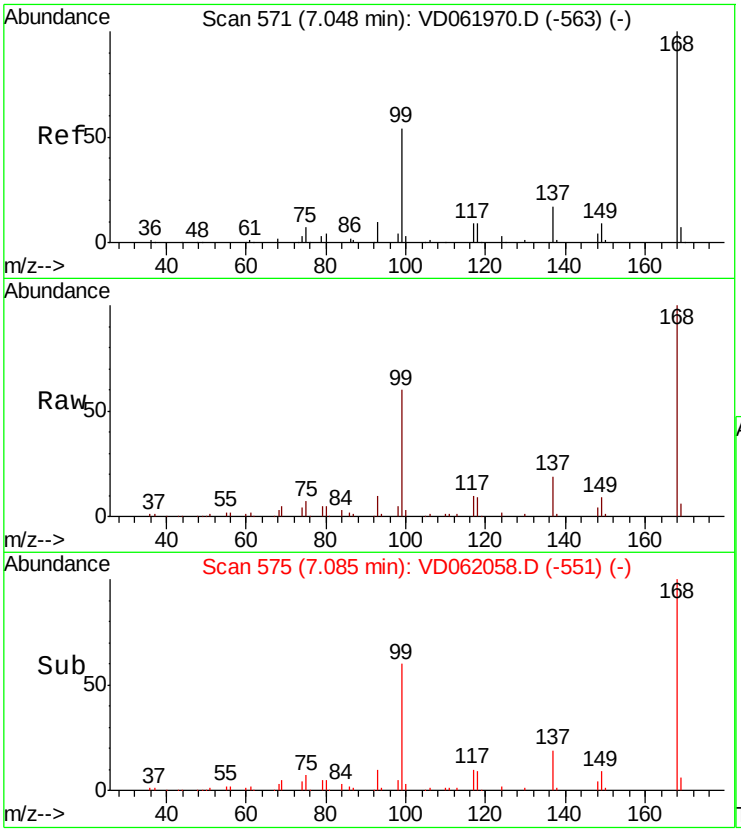
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042619\
Data File : VD062058.D
Acq On : 26 Apr 2019 16:56
Operator : VA/AP
Sample : K2601-02
Misc : 5.93g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-008-ABCD

Quant Time: Apr 26 23:05:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration



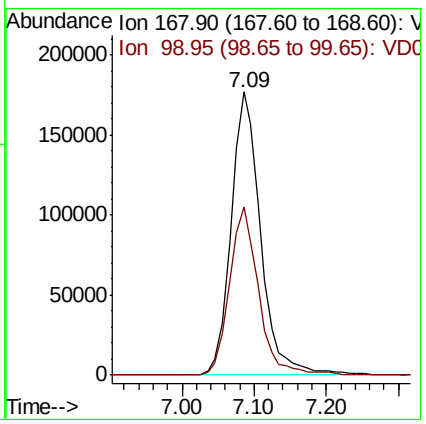


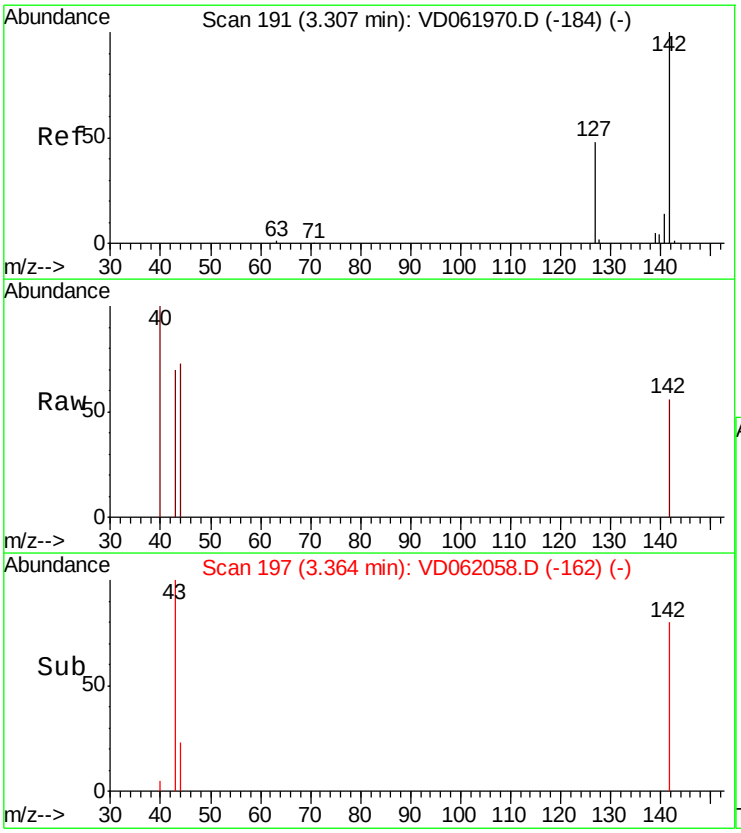
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.09 min Scan# 575
Delta R.T. 0.03 min
Lab File: VD062058.D
Acq: 26 Apr 2019 16:56

Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-008-ABCD

Tgt Ion:168 Resp: 501618

Ion	Ratio	Lower	Upper
168	100		
99	59.6	46.5	69.7

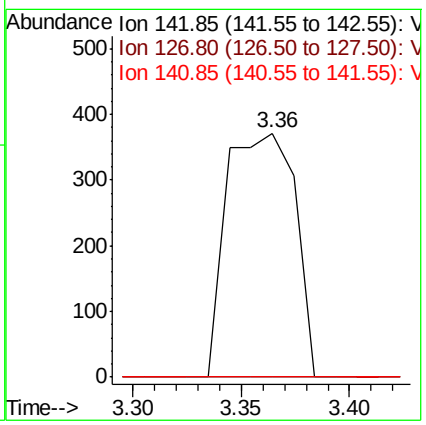


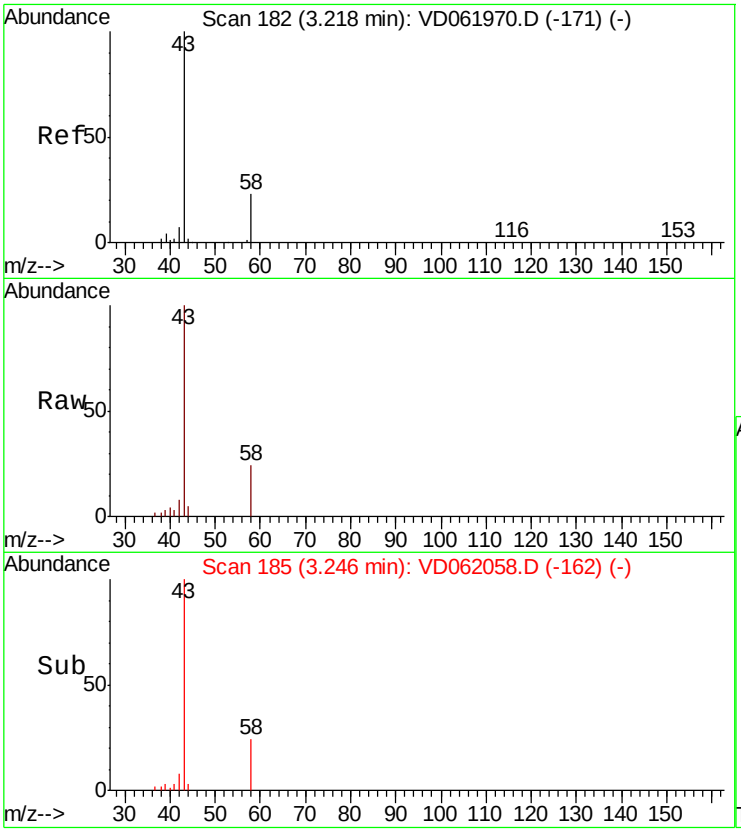


#10
Methyl Iodide
Concen: 5.527 ug/l
RT: 3.36 min Scan# 197
Delta R.T. 0.04 min
Lab File: VD062058.D
Acq: 26 Apr 2019 16:56

Tgt Ion:142 Resp: 813

Ion	Ratio	Lower	Upper
142	100		
127	0.0	38.8	58.2#
141	0.0	11.4	17.0#



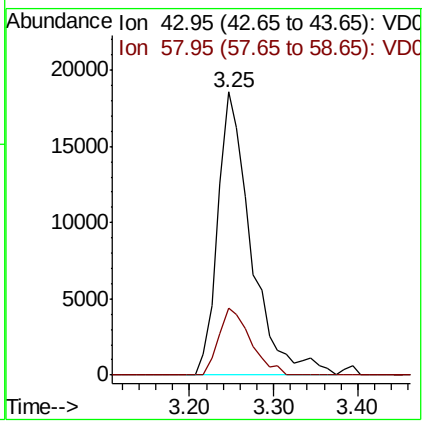


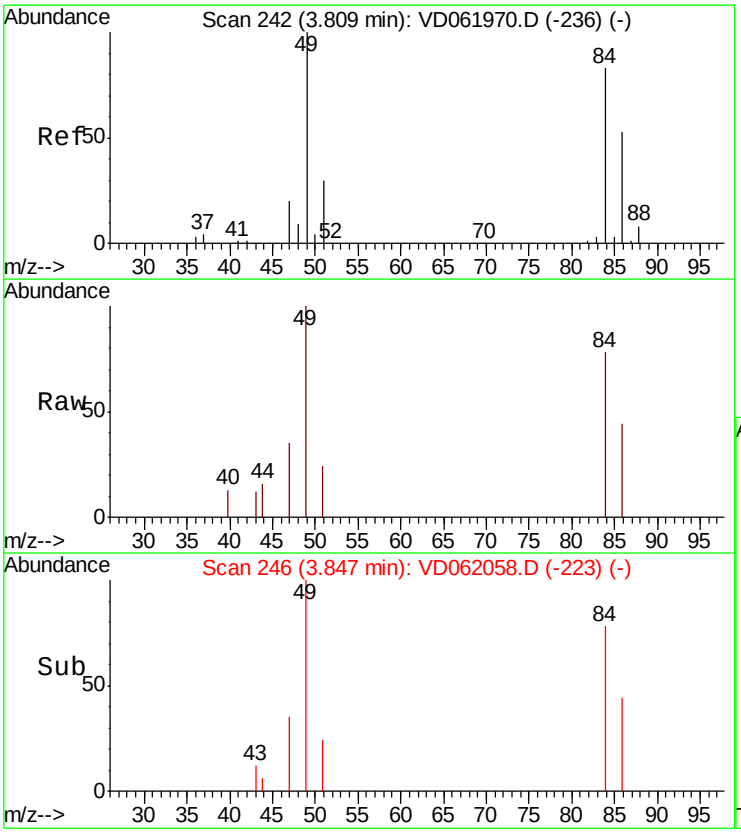
#16
Acetone
Concen: 54.551 ug/l
RT: 3.25 min Scan# 185
Delta R.T. 0.02 min
Lab File: VD062058.D
Acq: 26 Apr 2019 16:56

Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-008-ABCD

Tgt Ion: 43 Resp: 51136

Ion	Ratio	Lower	Upper
43	100		
58	23.9	19.9	29.9

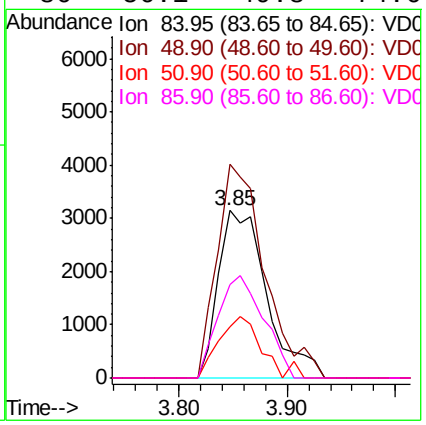


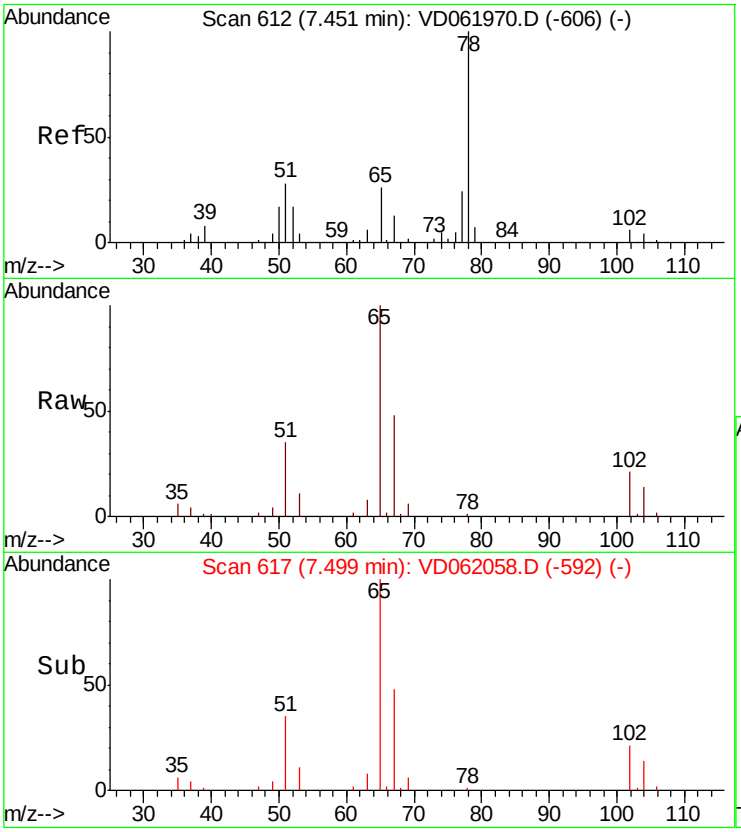


#20
Methylene Chloride
Concen: Below Cal
RT: 3.85 min Scan# 246
Delta R.T. 0.02 min
Lab File: VD062058.D
Acq: 26 Apr 2019 16:56

Tgt Ion: 84 Resp: 9728

Ion	Ratio	Lower	Upper
84	100		
49	127.5	94.0	141.0
51	30.4	29.0	43.4
86	56.1	49.8	74.6



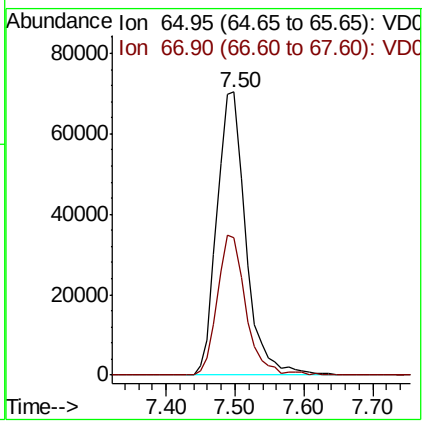


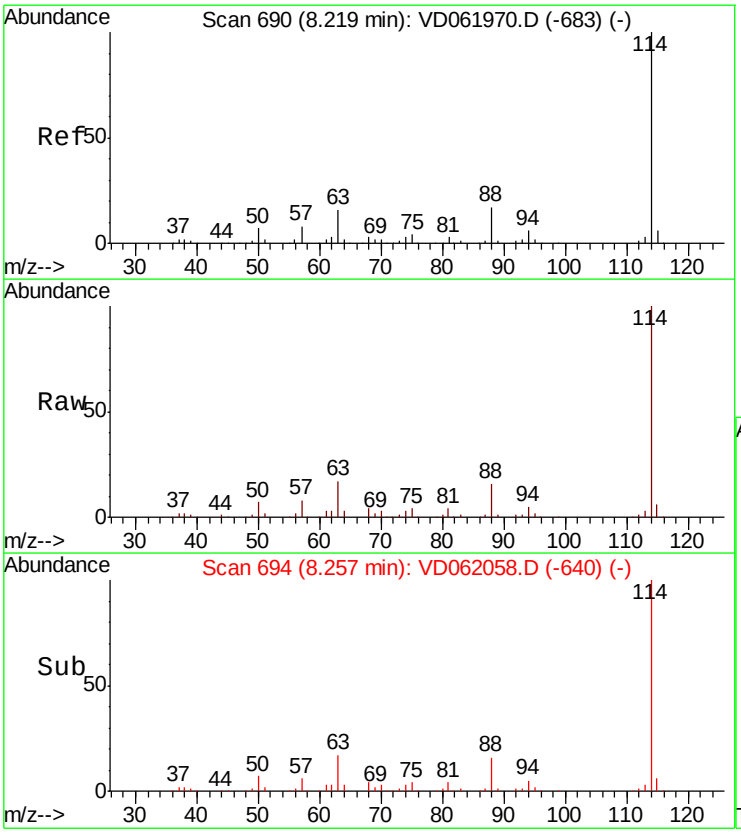
#33
1,2-Dichloroethane-d4
Concen: 52.089 ug/l
RT: 7.50 min Scan# 617
Delta R.T. 0.04 min
Lab File: VD062058.D
Acq: 26 Apr 2019 16:56

Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-008-ABCD

Tgt Ion: 65 Resp: 204500

Ion	Ratio	Lower	Upper
65	100		
67	48.4	0.0	98.0

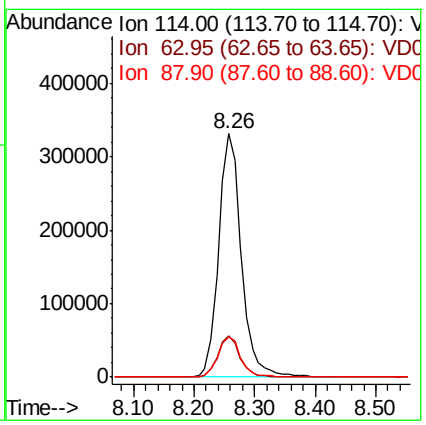


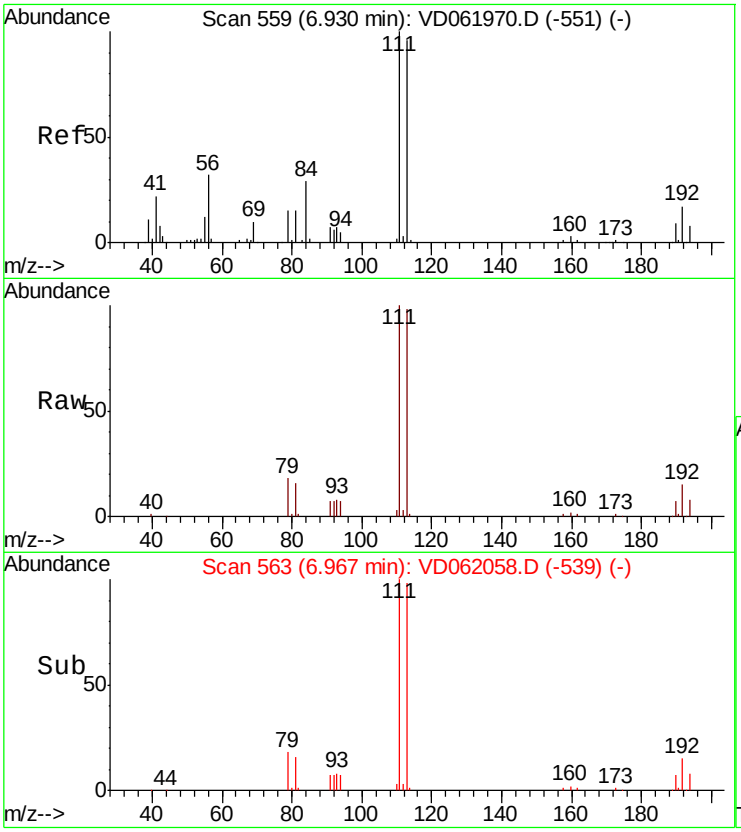


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.26 min Scan# 694
Delta R.T. 0.03 min
Lab File: VD062058.D
Acq: 26 Apr 2019 16:56

Tgt Ion:114 Resp: 863230

Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	32.4
88	16.5	0.0	33.6



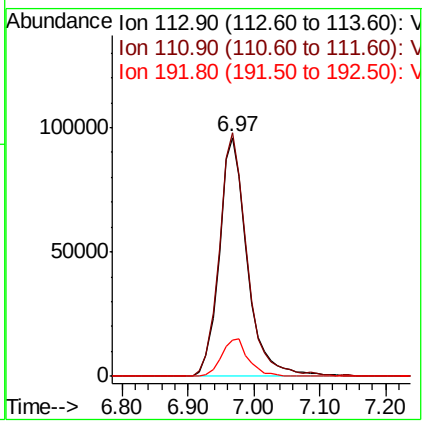


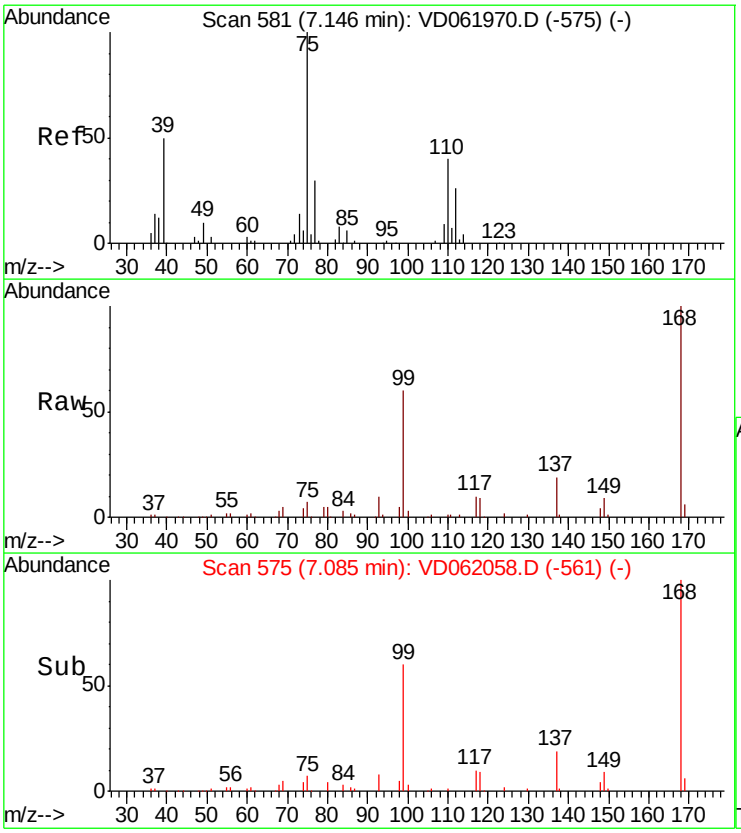
#35
Dibromofluoromethane
Concen: 47.385 ug/l
RT: 6.97 min Scan# 563
Delta R.T. 0.03 min
Lab File: VD062058.D
Acq: 26 Apr 2019 16:56

Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-008-ABCD

Tgt Ion:113 Resp: 282894

Ion	Ratio	Lower	Upper
113	100		
111	102.1	78.5	117.7
192	15.2	13.0	19.4

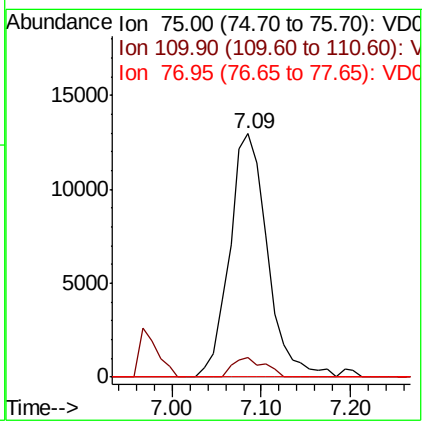


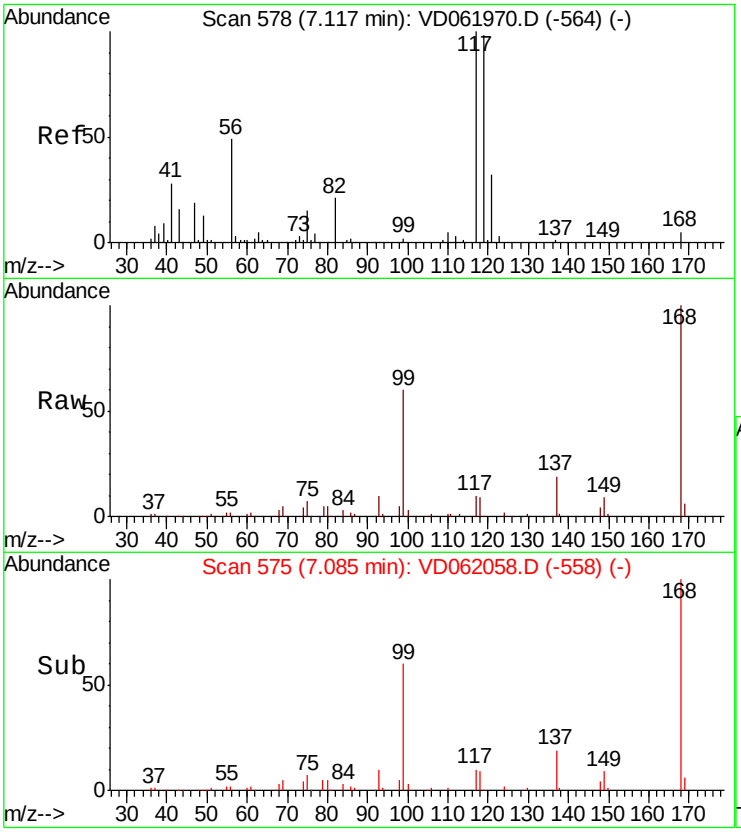


#36
1,1-Dichloropropene
Concen: 5.701 ug/l
RT: 7.09 min Scan# 575
Delta R.T. -0.07 min
Lab File: VD062058.D
Acq: 26 Apr 2019 16:56

Tgt Ion: 75 Resp: 38340

Ion	Ratio	Lower	Upper
75	100		
110	8.3	19.1	57.1#
77	0.0	25.6	38.4#



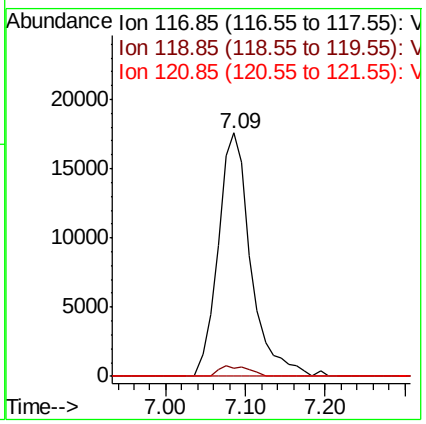


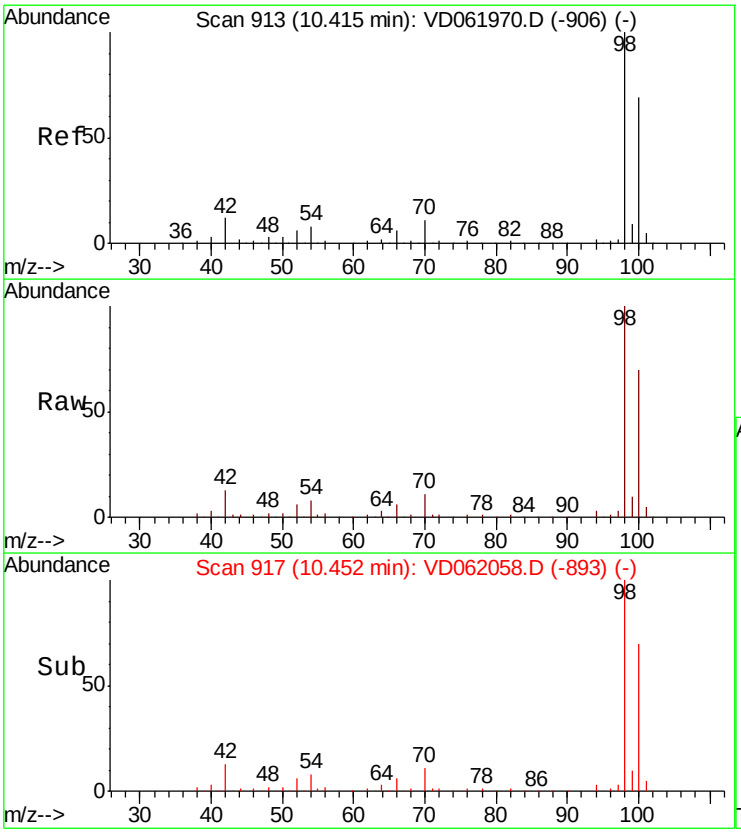
#38
Carbon Tetrachloride
Concen: 5.928 ug/l
RT: 7.09 min Scan# 575
Delta R.T. -0.04 min
Lab File: VD062058.D
Acq: 26 Apr 2019 16:56

Instrument : MSVOA_D
ClientSampleId : FK-EF-01-008-ABCD

Tgt Ion:117 Resp: 50516

Ion	Ratio	Lower	Upper
117	100		
119	3.6	75.8	113.8#
121	0.0	25.9	38.9#

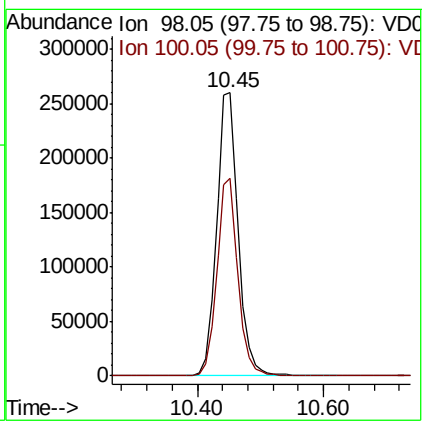


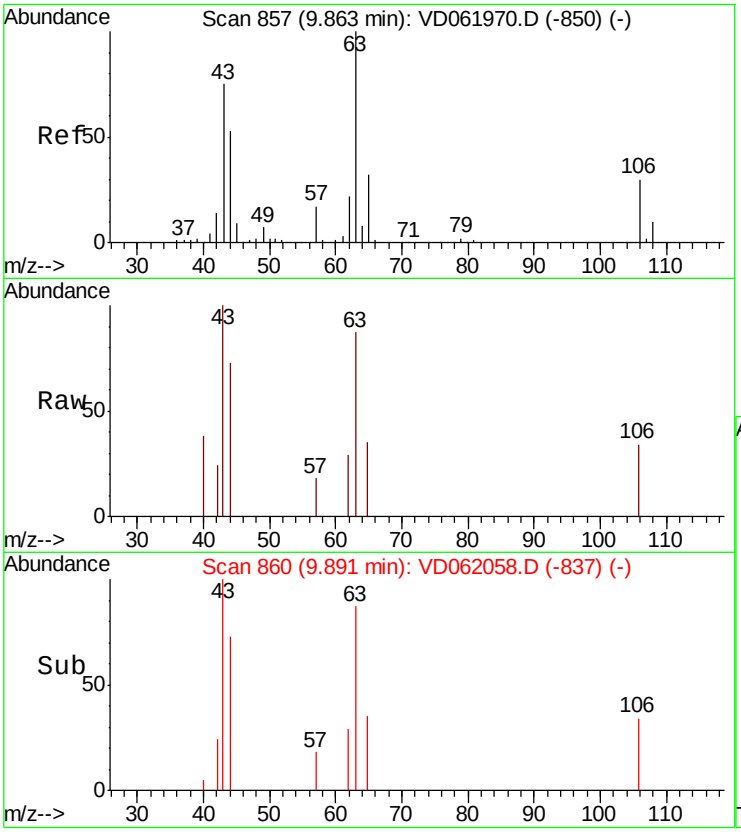


#50
Toluene-d8
Concen: 43.723 ug/l
RT: 10.45 min Scan# 917
Delta R.T. 0.03 min
Lab File: VD062058.D
Acq: 26 Apr 2019 16:56

Tgt Ion: 98 Resp: 621118

Ion	Ratio	Lower	Upper
98	100		
100	69.9	53.8	80.8



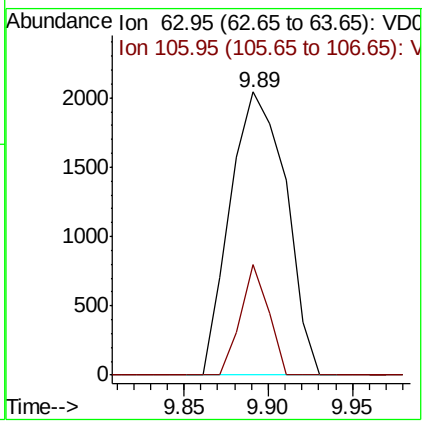


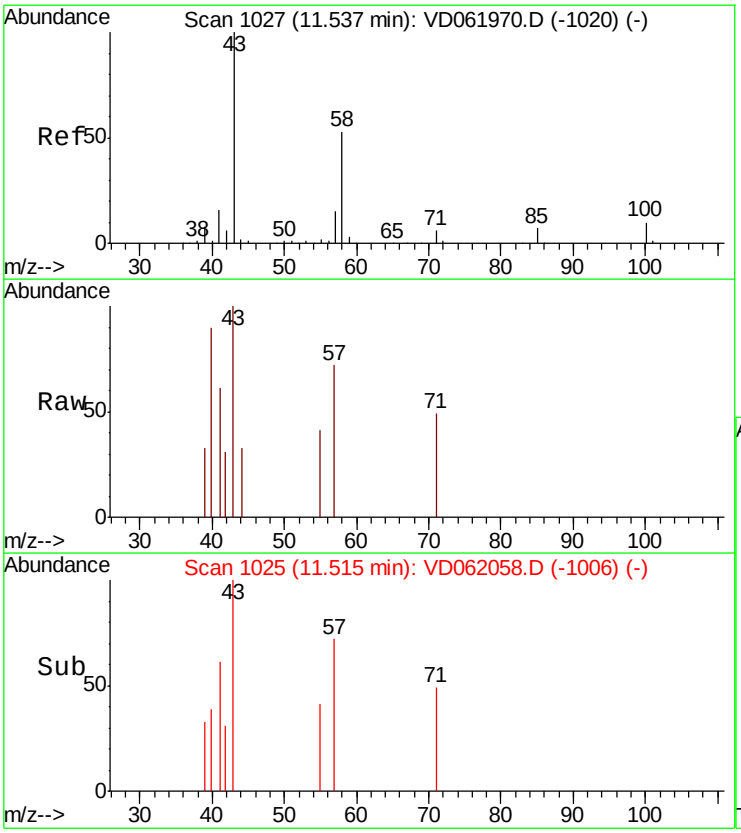
#58
2-Chloroethyl Vinyl ether
Concen: 2.549 ug/l
RT: 9.89 min Scan# 860
Delta R.T. 0.02 min
Lab File: VD062058.D
Acq: 26 Apr 2019 16:56

Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-008-ABCD

Tgt Ion: 63 Resp: 4678

Ion	Ratio	Lower	Upper
63	100		
106	39.3	22.6	34.0#

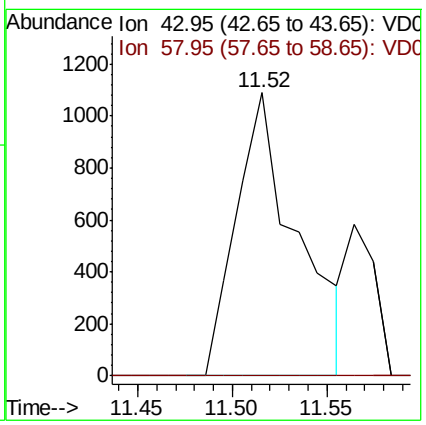


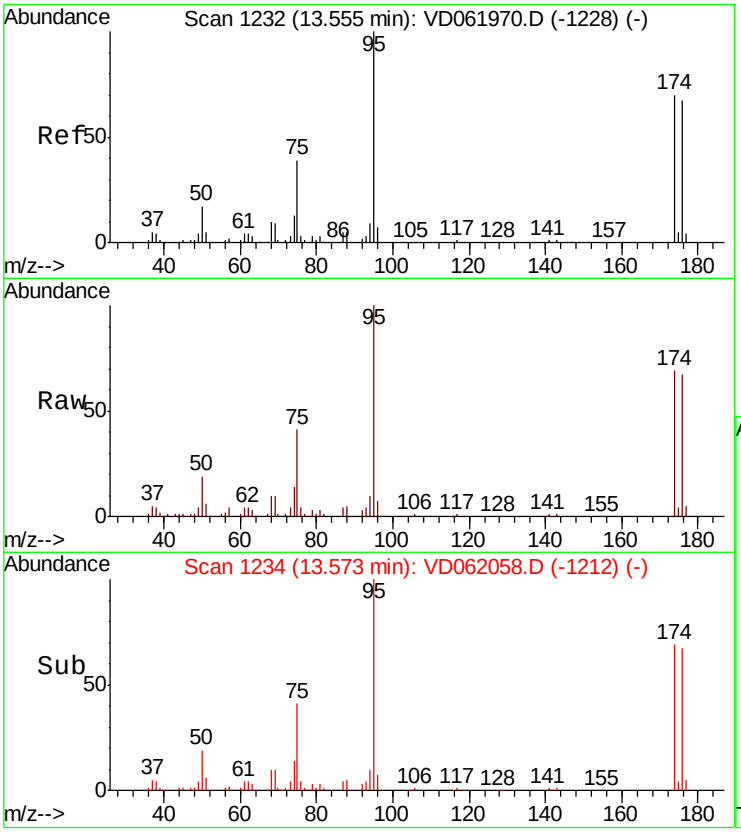


#59
2-Hexanone
Concen: 1.255 ug/l
RT: 11.52 min Scan# 1025
Delta R.T. -0.02 min
Lab File: VD062058.D
Acq: 26 Apr 2019 16:56

Tgt Ion: 43 Resp: 2410

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.4	76.4#



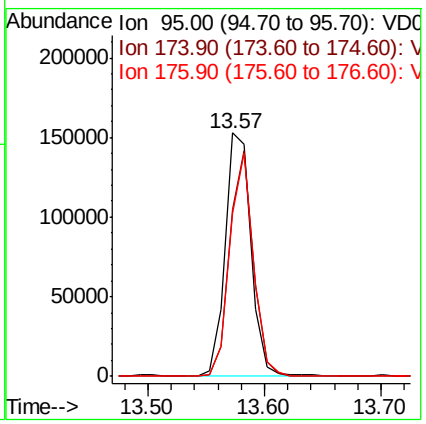


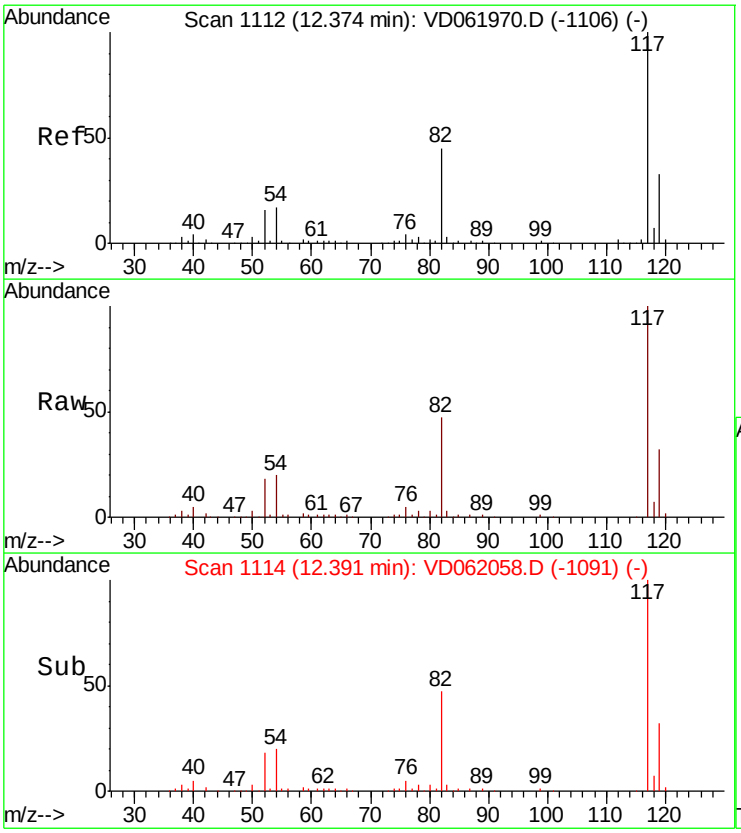
#62
4-Bromofluorobenzene
Concen: 41.191 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.01 min
Lab File: VD062058.D
Acq: 26 Apr 2019 16:56

Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-008-ABCD

Tgt Ion: 95 Resp: 234699

Ion	Ratio	Lower	Upper
95	100		
174	68.6	0.0	181.8
176	67.1	0.0	174.4

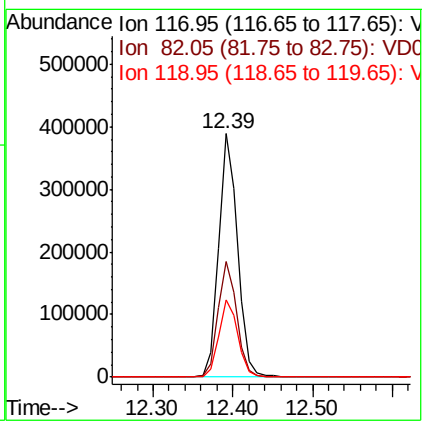


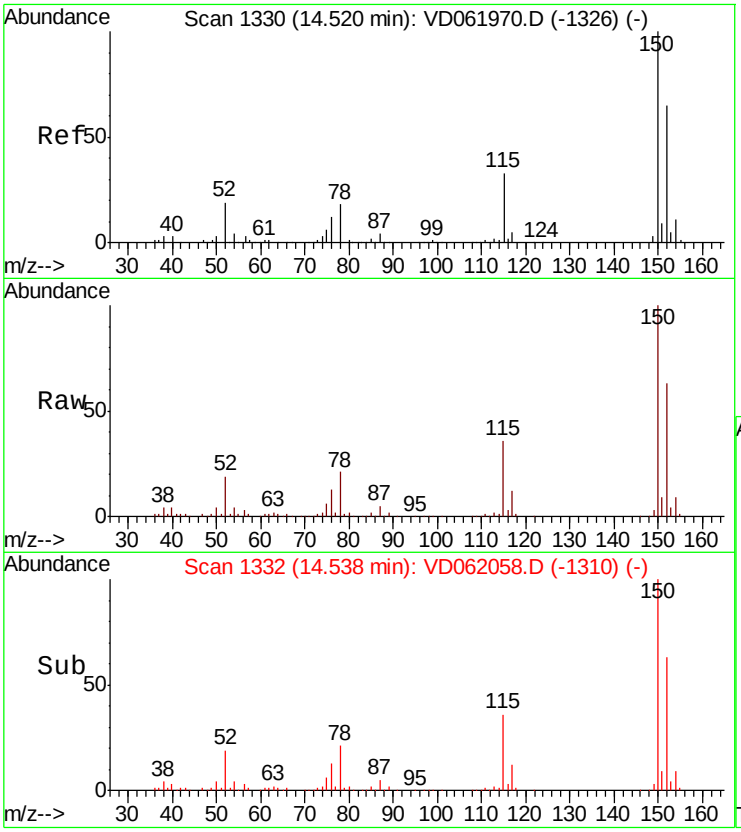


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VD062058.D
Acq: 26 Apr 2019 16:56

Tgt Ion:117 Resp: 651393

Ion	Ratio	Lower	Upper
117	100		
82	47.4	36.2	54.2
119	32.0	26.2	39.4



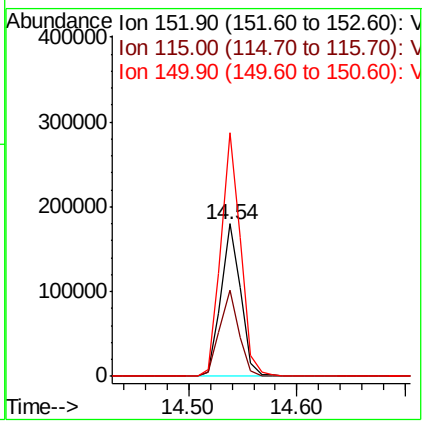


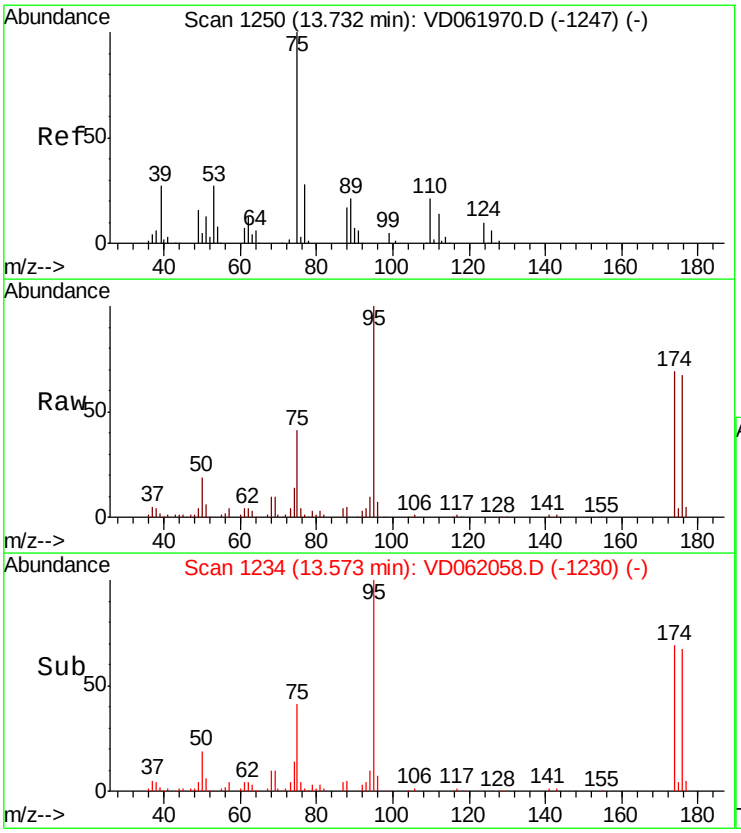
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.54 min Scan# 1332
Delta R.T. 0.01 min
Lab File: VD062058.D
Acq: 26 Apr 2019 16:56

Instrument : MSVOA_D
ClientSampleId : FK-EF-01-008-ABCD

Tgt Ion:152 Resp: 227965

Ion	Ratio	Lower	Upper
152	100		
115	56.8	30.9	92.7
150	159.8	0.0	314.8

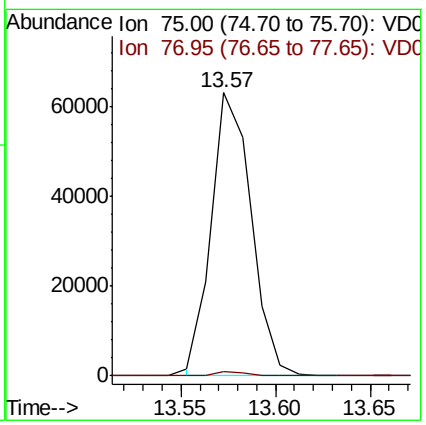


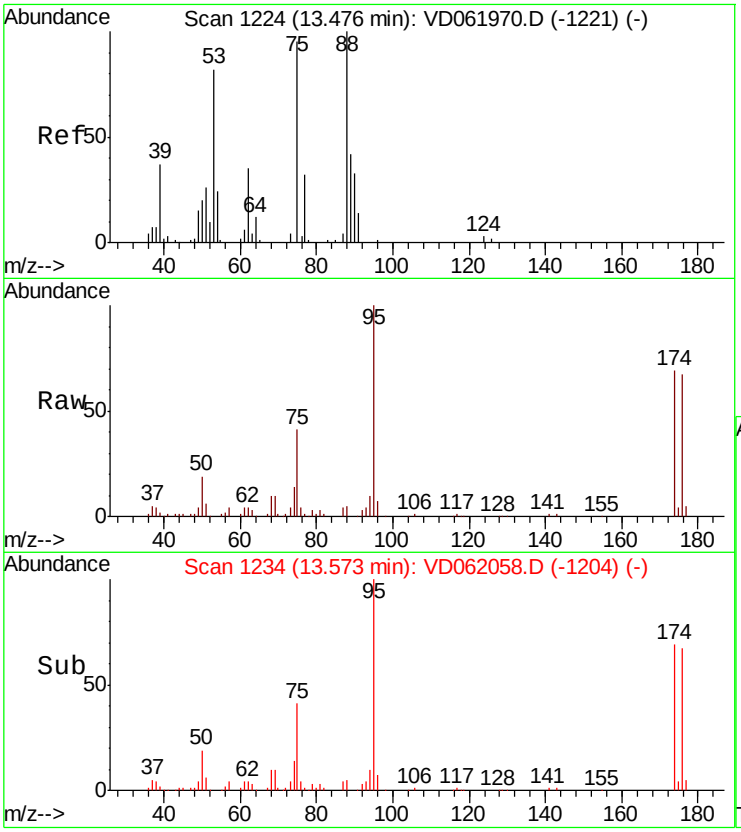


#76
1,2,3-Trichloropropane
Concen: 31.846 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. -0.16 min
Lab File: VD062058.D
Acq: 26 Apr 2019 16:56

Tgt Ion: 75 Resp: 92188

Ion	Ratio	Lower	Upper
75	100		
77	1.7	16.4	49.4#



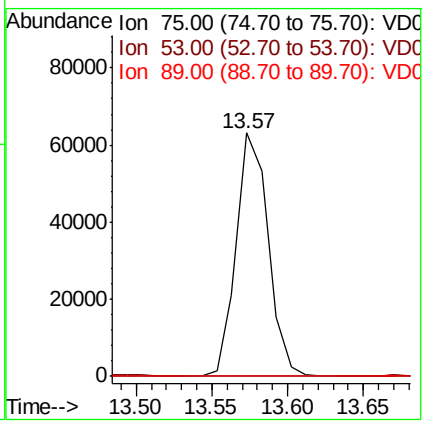


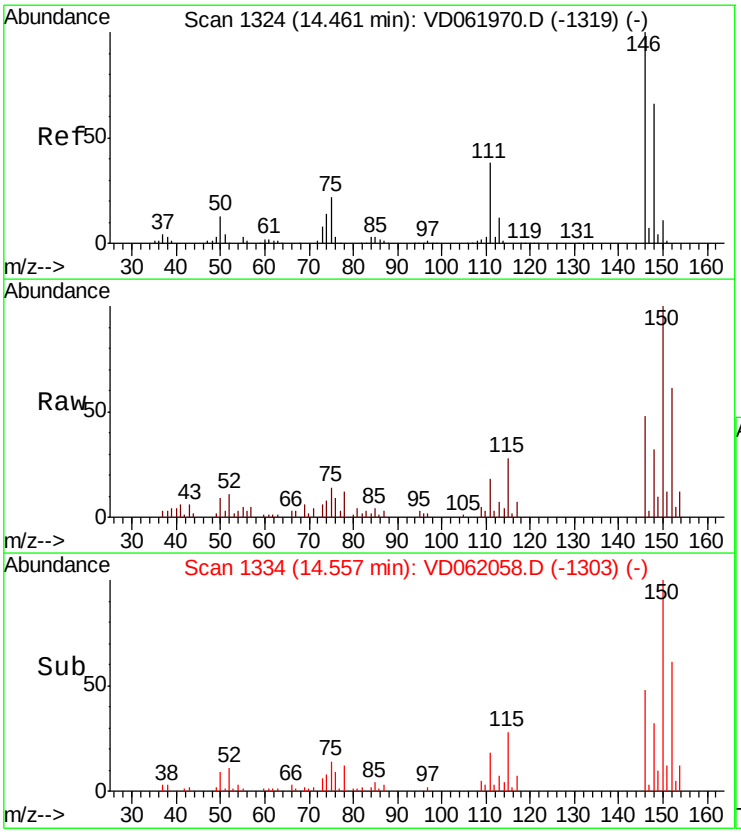
#81
trans-1,4-Dichloro-2-butene
Concen: 106.046 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.09 min
Lab File: VD062058.D
Acq: 26 Apr 2019 16:56

Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-008-ABCD

Tgt Ion: 75 Resp: 93028

Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.8	98.8#
89	0.0	35.0	52.6#

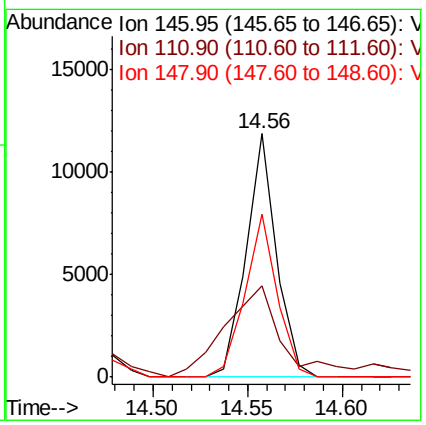


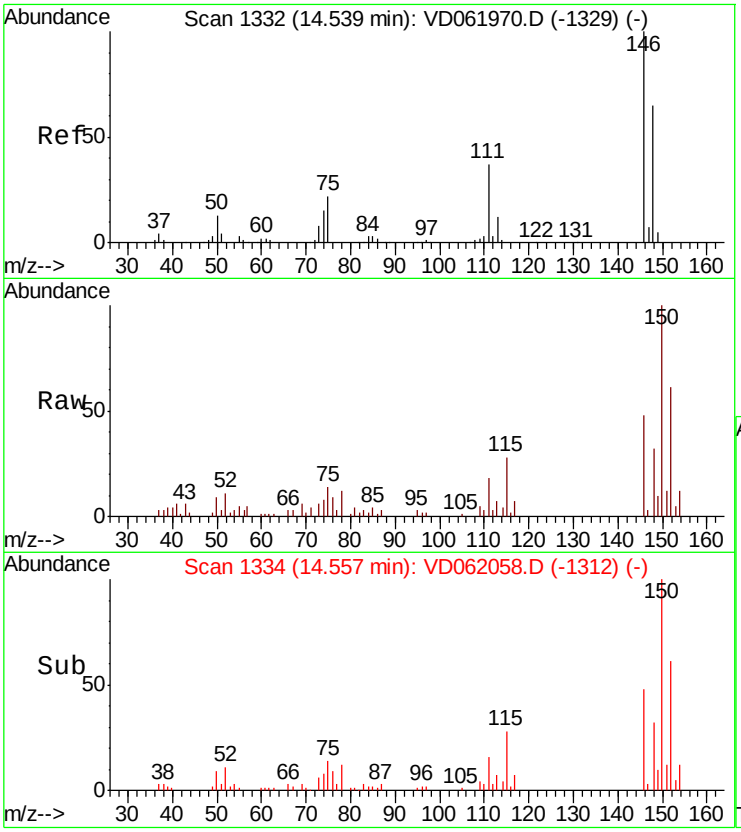


#87
1,3-Dichlorobenzene
Concen: 1.730 ug/l
RT: 14.56 min Scan# 1334
Delta R.T. 0.10 min
Lab File: VD062058.D
Acq: 26 Apr 2019 16:56

Tgt Ion:146 Resp: 13215

Ion	Ratio	Lower	Upper
146	100		
111	37.4	20.0	60.0
148	67.0	31.8	95.4





#88
1,4-Dichlorobenzene
Concen: 1.850 ug/l
RT: 14.56 min Scan# 1334
Delta R.T. 0.01 min
Lab File: VD062058.D
Acq: 26 Apr 2019 16:56

Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-008-ABCD

Tgt Ion:146 Resp: 13215

Ion	Ratio	Lower	Upper
146	100		
111	37.4	20.2	60.5
148	67.0	32.0	96.2