Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD053119\
Data File : VD062573.D
Acq On : 31 May 2019 19:30
Operator : VA/AP
Sample : K3139-02
Misc : 4.89g/5ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-1A-S2

Quant Time: May 31 23:28:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 02:08:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	638270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	857091	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	690363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	309492	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	315534	42.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.32%			
35) Dibromofluoromethane	6.93	113	319551	40.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.82%			
50) Toluene-d8	10.42	98	545318	31.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 63.74%			
62) 4-Bromofluorobenzene	13.56	95	257506	33.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 66.74%			
Target Compounds						Qvalue
3) Chloromethane	1.75	50	2106	Below Cal	#	43
5) Bromomethane	2.16	94	2646	1.441	ug/l #	12
11) Tert butyl alcohol	4.08	59	422	1.322	ug/l #	80
13) Acrolein	3.00	56	180	1.294	ug/l #	10
16) Acetone	3.24	43	59289	40.321	ug/l	94
20) Methylene Chloride	3.83	84	10036	1.844	ug/l	89
31) Cyclohexane	7.05	56	18678	2.687	ug/l #	13
36) 1,1-Dichloropropene	7.06	75	53599	6.282	ug/l #	48
38) Carbon Tetrachloride	7.06	117	72223	5.686	ug/l #	18
81) trans-1,4-Dichloro-2-buten	13.56	75	128790	121.051	ug/l #	5

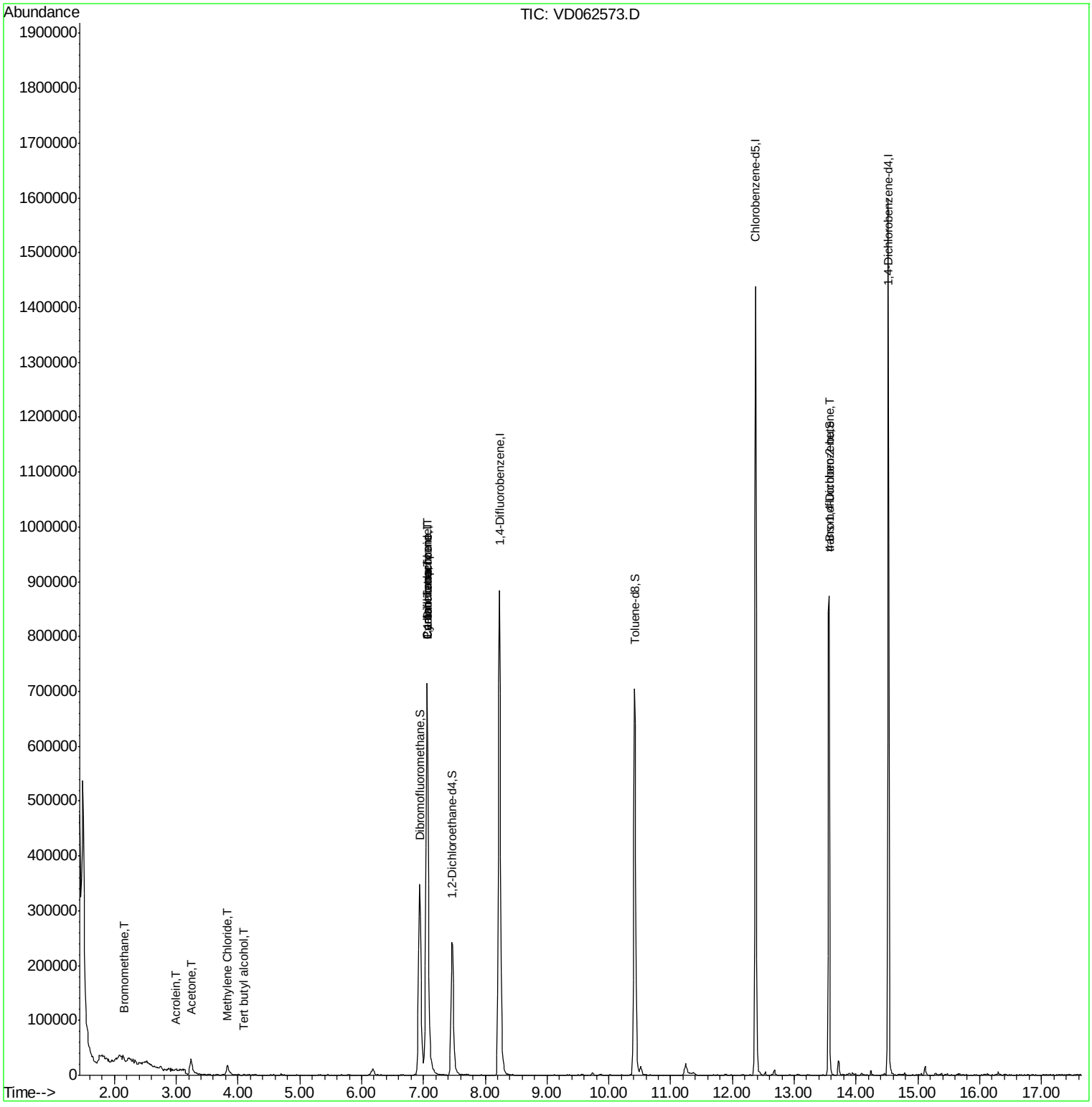
(#) = qualifier out of range (m) = manual integration (+) = signals summed

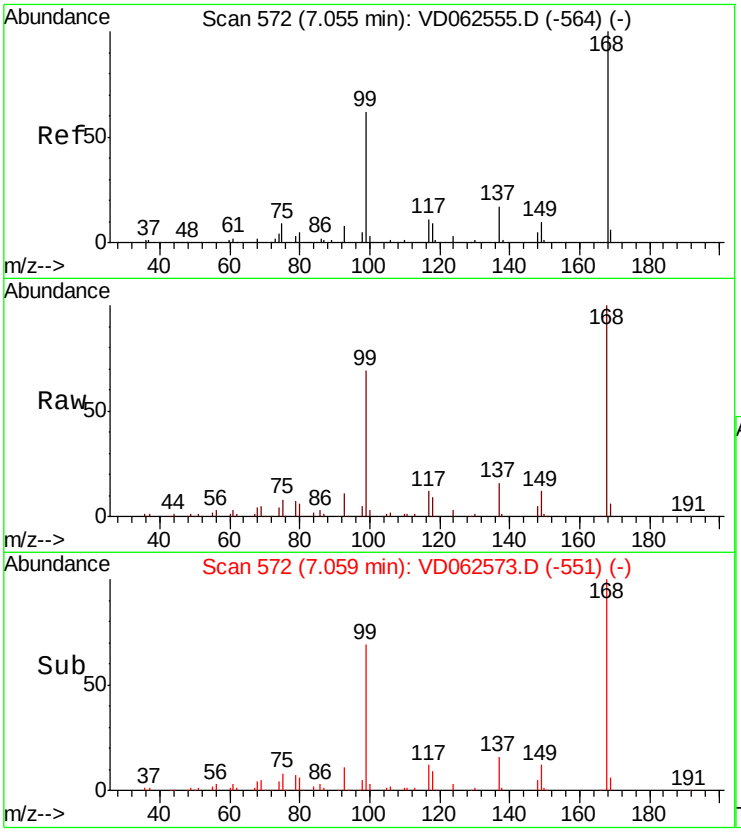
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD053119\
Data File : VD062573.D
Acq On : 31 May 2019 19:30
Operator : VA/AP
Sample : K3139-02
Misc : 4.89g/5ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-1A-S2

Quant Time: May 31 23:28:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 02:08:29 2019
Response via : Initial Calibration



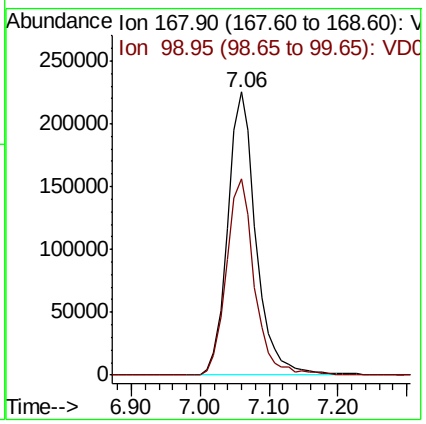


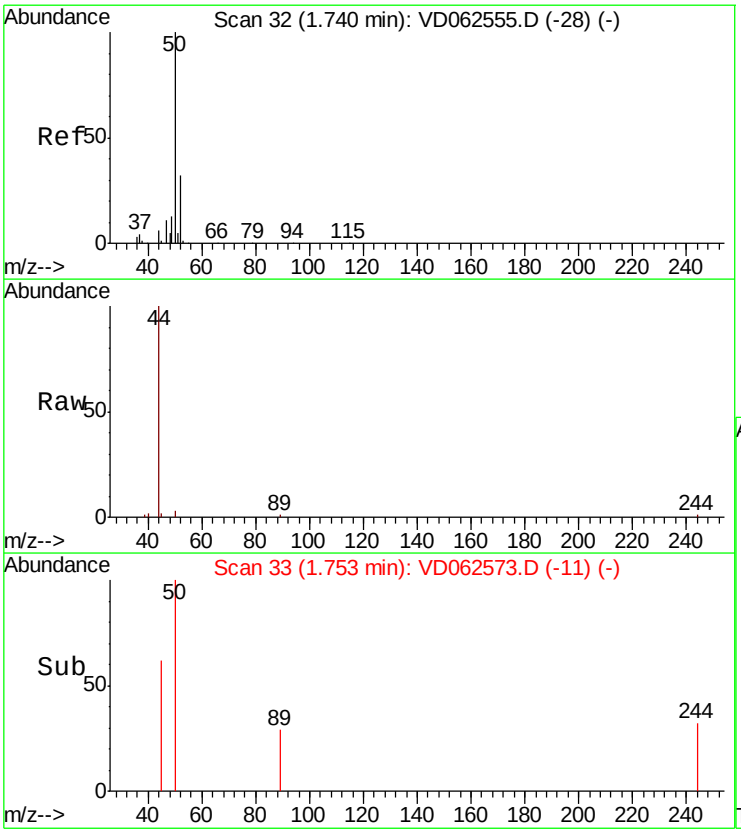
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.00 min
Lab File: VD062573.D
Acq: 31 May 2019 19:30

Instrument :
MSVOA_D
ClientSampleId :
TP-1A-S2

Tgt Ion:168 Resp: 638270

Ion	Ratio	Lower	Upper
168	100		
99	69.2	50.8	76.2

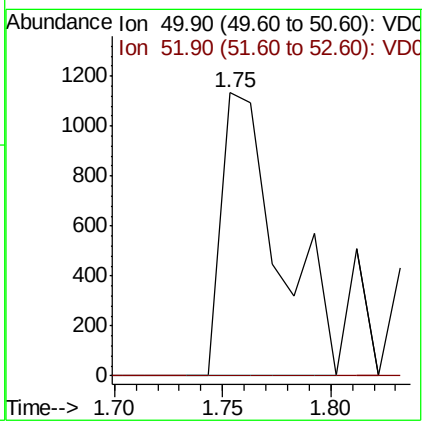


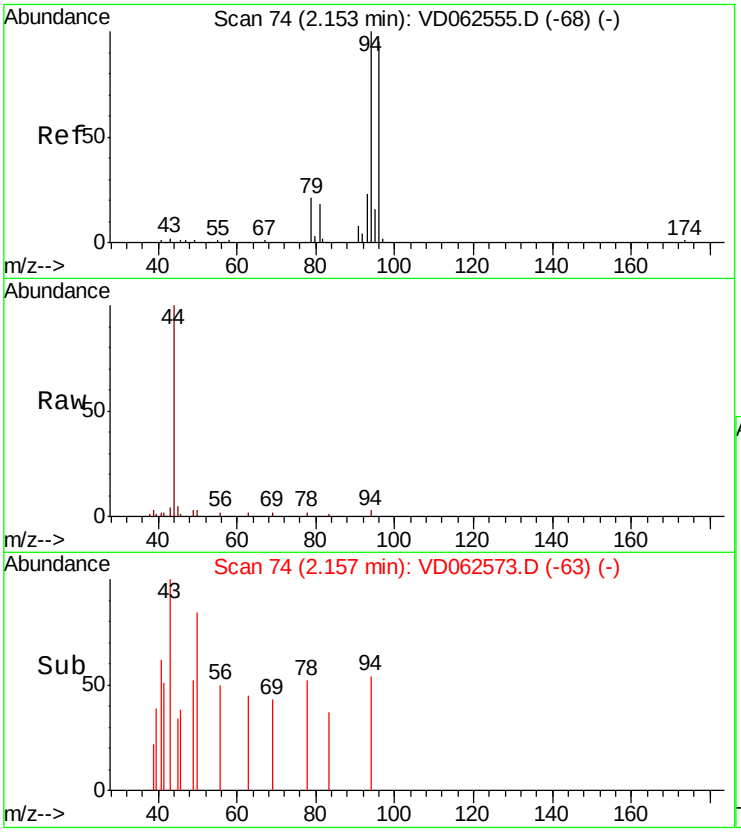


#3
Chloromethane
Concen: Below Cal
RT: 1.75 min Scan# 33
Delta R.T. 0.01 min
Lab File: VD062573.D
Acq: 31 May 2019 19:30

Tgt Ion: 50 Resp: 2106

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.4	38.2#



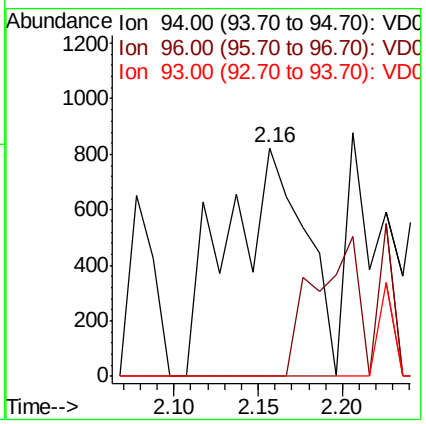


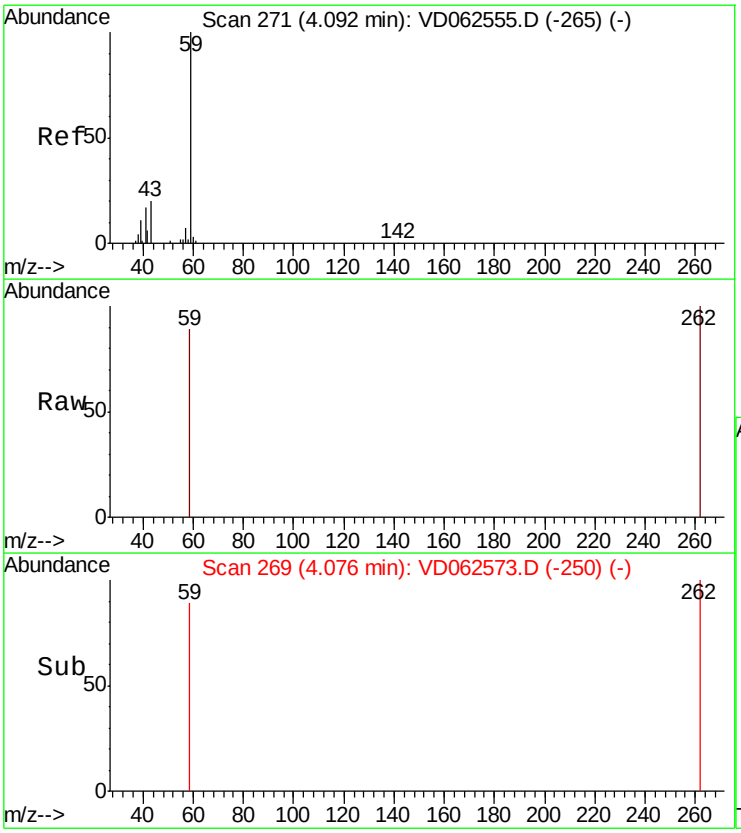
#5
Bromomethane
Concen: 1.441 ug/l
RT: 2.16 min Scan# 74
Delta R.T. 0.00 min
Lab File: VD062573.D
Acq: 31 May 2019 19:30

Instrument :
MSVOA_D
ClientSampleId :
TP-1A-S2

Tgt Ion: 94 Resp: 2646

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.2	114.4#
93	0.0	18.4	27.6#

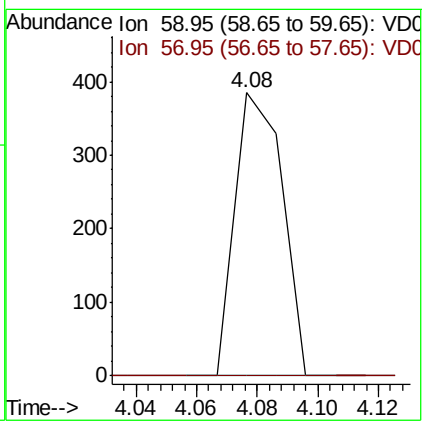


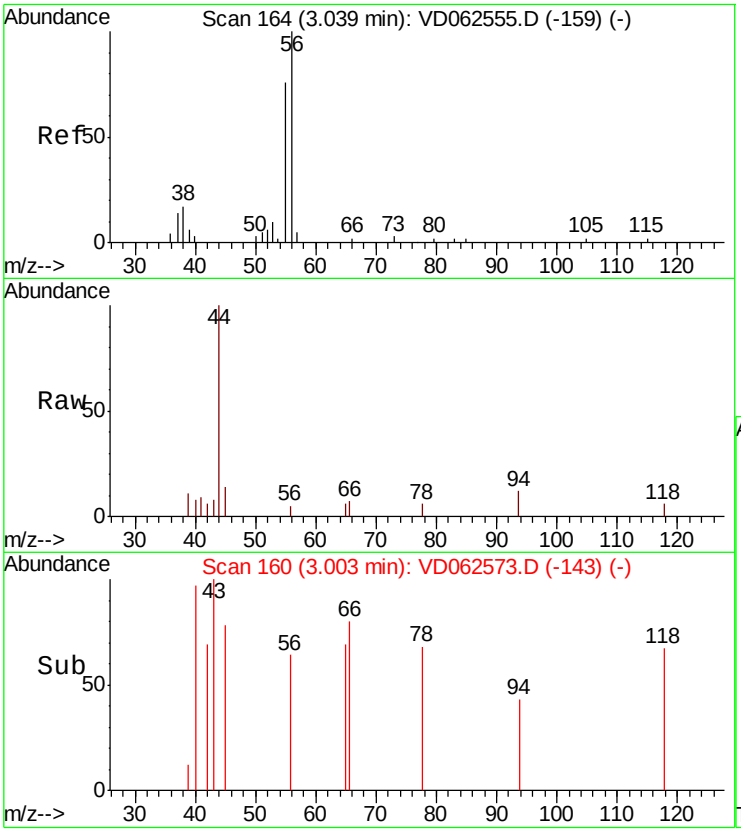


#11
Tert butyl alcohol
Concen: 1.322 ug/l
RT: 4.08 min Scan# 269
Delta R.T. -0.02 min
Lab File: VD062573.D
Acq: 31 May 2019 19:30

Tgt Ion: 59 Resp: 422

Ion	Ratio	Lower	Upper
59	100		
57	0.0	5.4	8.0#



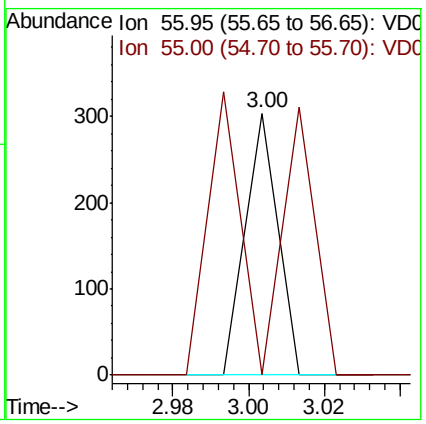


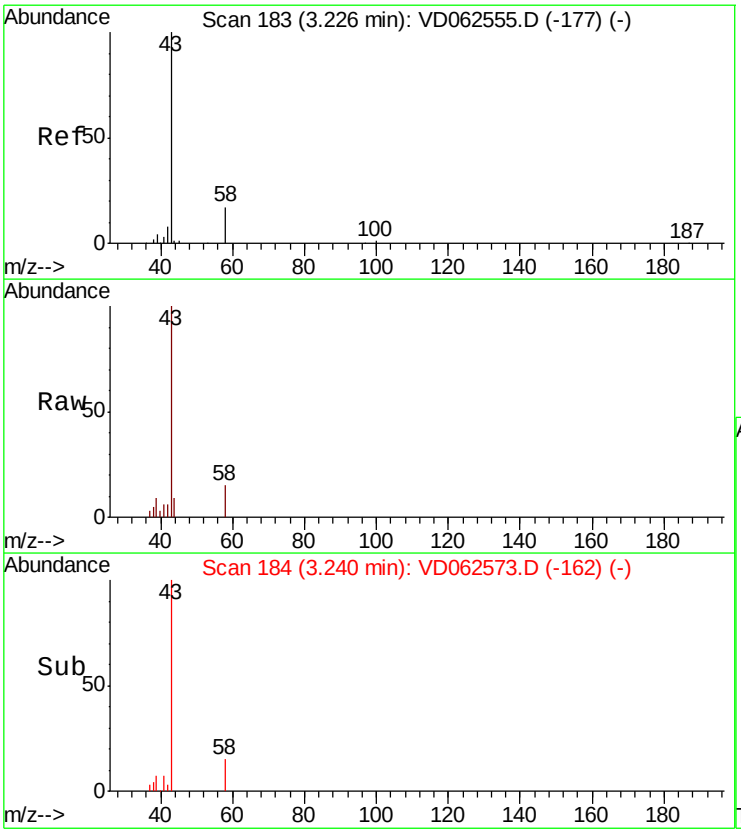
#13
Acrolein
Concen: 1.294 ug/l
RT: 3.00 min Scan# 160
Delta R.T. -0.04 min
Lab File: VD062573.D
Acq: 31 May 2019 19:30

Instrument :
MSVOA_D
ClientSampleId :
TP-1A-S2

Tgt Ion: 56 Resp: 180

Ion	Ratio	Lower	Upper
56	100		
55	0.0	62.6	93.8#

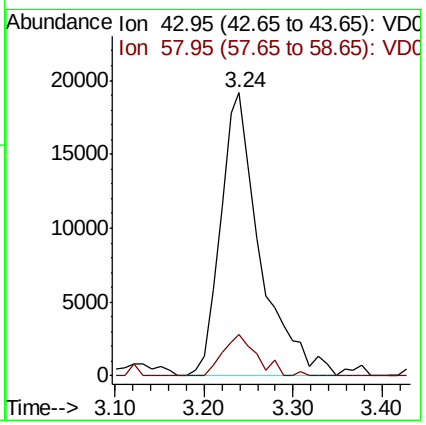


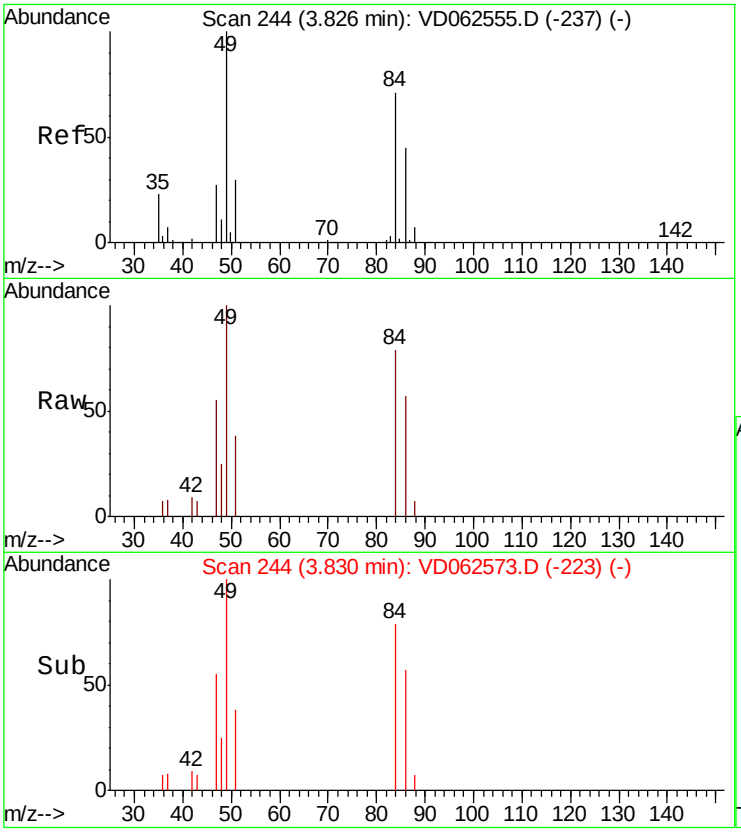


#16
Acetone
Concen: 40.321 ug/l
RT: 3.24 min Scan# 184
Delta R.T. 0.01 min
Lab File: VD062573.D
Acq: 31 May 2019 19:30

Tgt Ion: 43 Resp: 59289

Ion	Ratio	Lower	Upper
43	100		
58	14.8	13.8	20.8



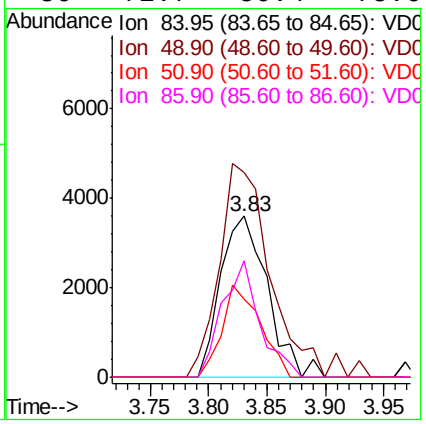


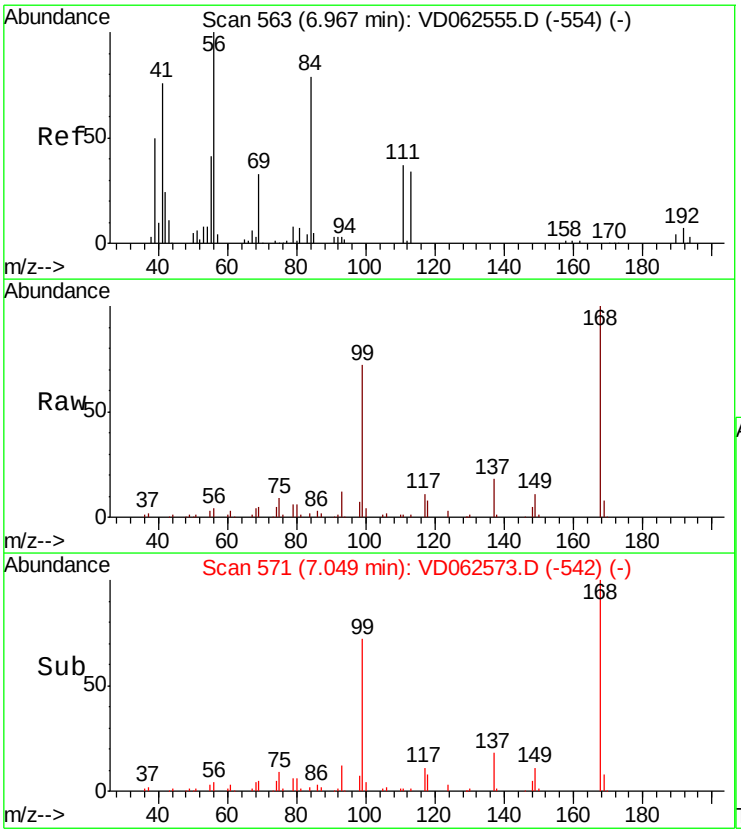
#20
Methylene Chloride
Concen: 1.844 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD062573.D
Acq: 31 May 2019 19:30

Instrument :
MSVOA_D
ClientSampleId :
TP-1A-S2

Tgt Ion: 84 Resp: 10036

Ion	Ratio	Lower	Upper
84	100		
49	127.3	112.3	168.5
51	48.4	33.6	50.4
86	72.7	50.4	75.6

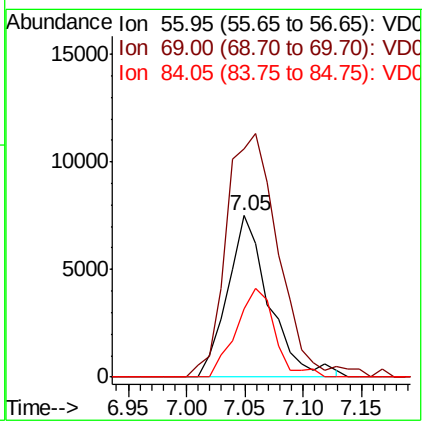


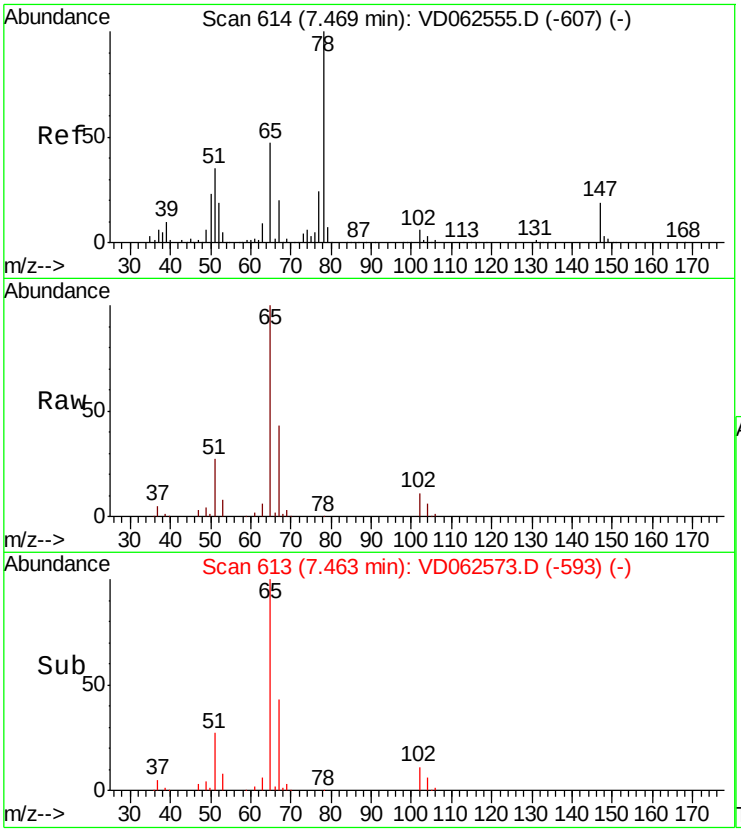


#31
Cyclohexane
Concen: 2.687 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.08 min
Lab File: VD062573.D
Acq: 31 May 2019 19:30

Tgt Ion: 56 Resp: 18678

Ion	Ratio	Lower	Upper
56	100		
69	141.8	26.2	39.2#
84	42.4	65.2	97.8#



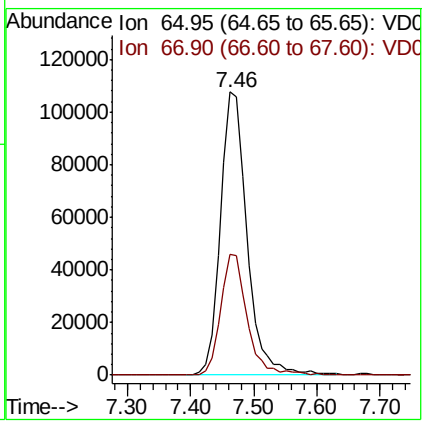


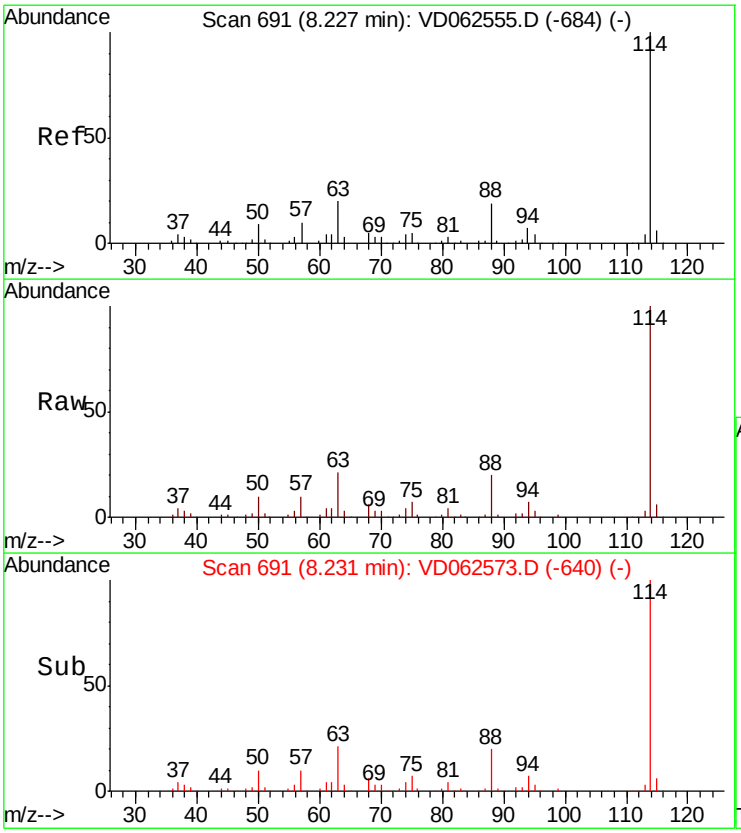
#33
1,2-Dichloroethane-d4
Concen: 42.162 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD062573.D
Acq: 31 May 2019 19:30

Instrument : MSVOA_D
ClientSampleId : TP-1A-S2

Tgt Ion: 65 Resp: 315534

Ion	Ratio	Lower	Upper
65	100		
67	42.6	0.0	83.6

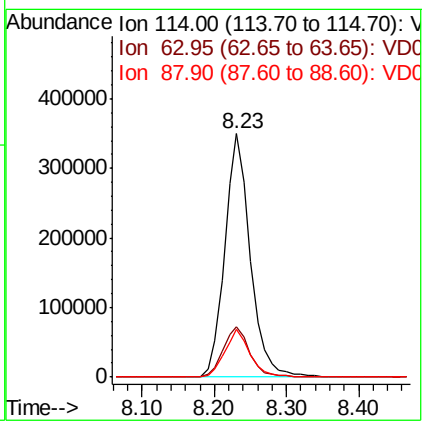


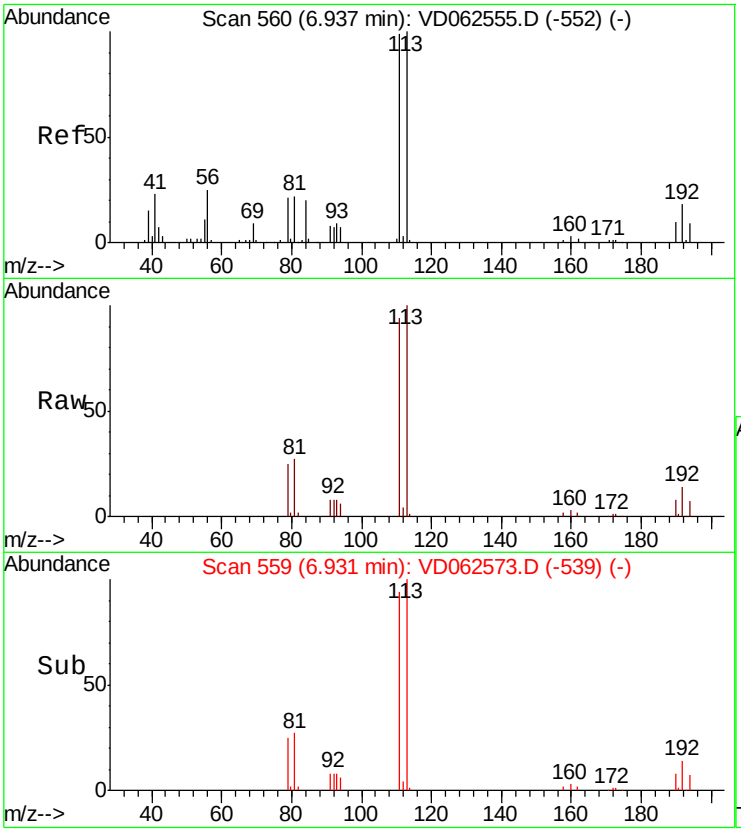


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.00 min
Lab File: VD062573.D
Acq: 31 May 2019 19:30

Tgt Ion:114 Resp: 857091

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.6
88	19.8	0.0	37.6



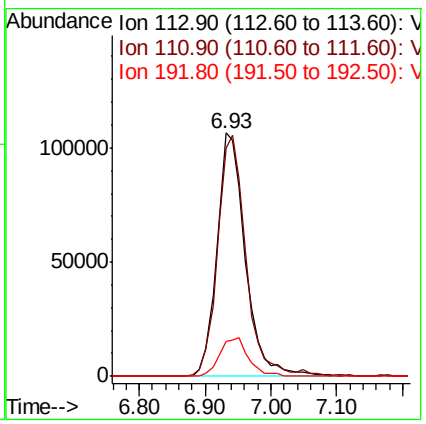


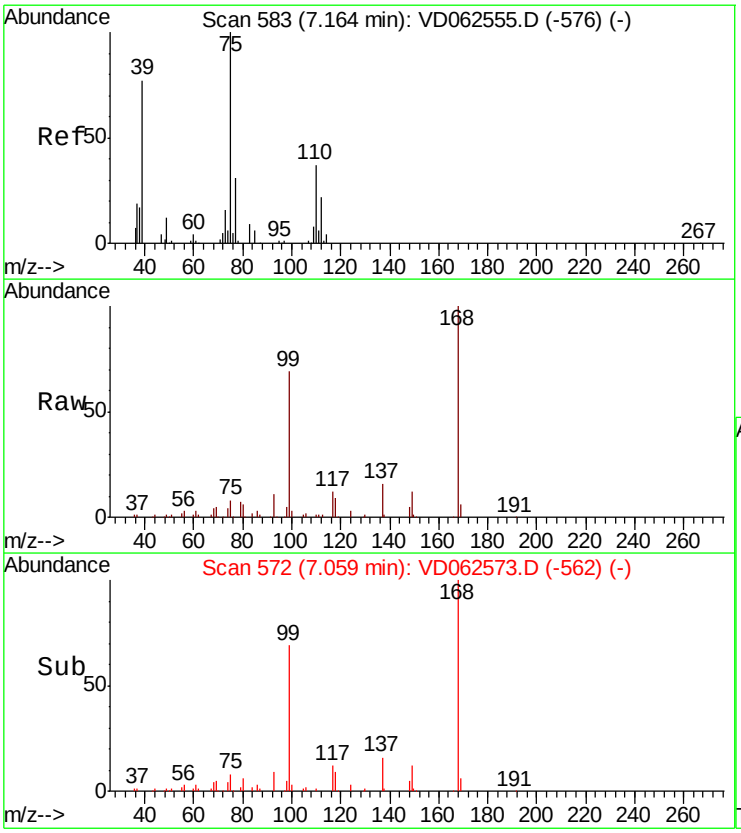
#35
Dibromofluoromethane
Concen: 40.914 ug/l
RT: 6.93 min Scan# 559
Delta R.T. -0.01 min
Lab File: VD062573.D
Acq: 31 May 2019 19:30

Instrument :
MSVOA_D
ClientSampleId :
TP-1A-S2

Tgt Ion:113 Resp: 319551

Ion	Ratio	Lower	Upper
113	100		
111	93.8	78.8	118.2
192	14.5	14.6	22.0#

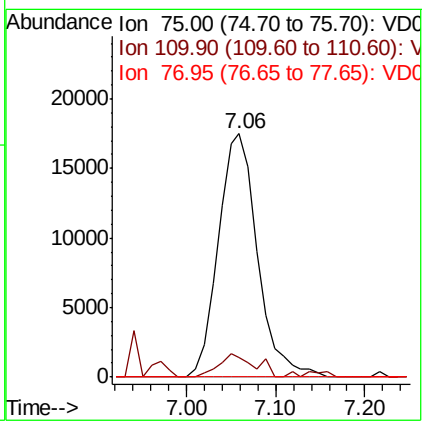


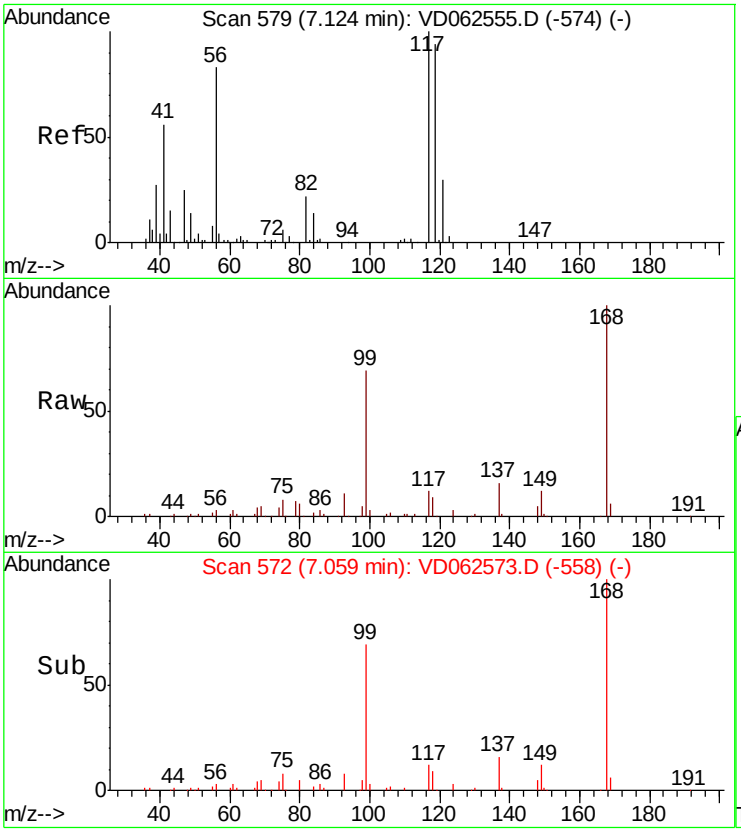


#36
1,1-Dichloropropene
Concen: 6.282 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.10 min
Lab File: VD062573.D
Acq: 31 May 2019 19:30

Tgt Ion: 75 Resp: 53599

Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.3	54.8#
77	0.0	24.4	36.6#



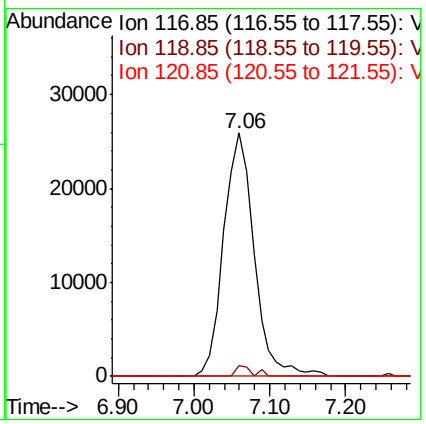


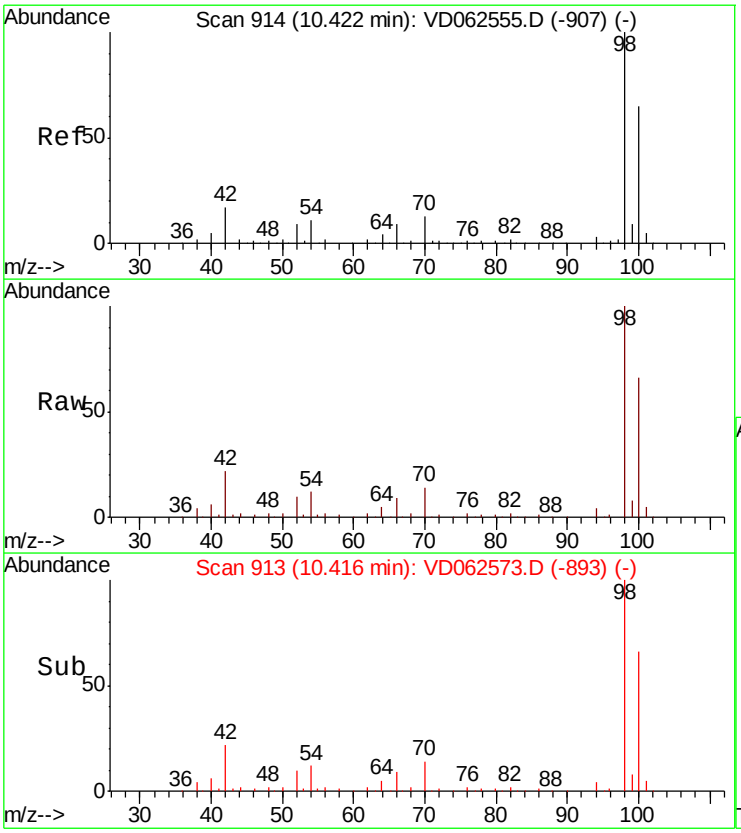
#38
Carbon Tetrachloride
Concen: 5.686 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.07 min
Lab File: VD062573.D
Acq: 31 May 2019 19:30

Instrument :
MSVOA_D
ClientSampleId :
TP-1A-S2

Tgt Ion:117 Resp: 72223

Ion	Ratio	Lower	Upper
117	100		
119	4.2	71.4	107.2#
121	0.0	22.5	33.7#

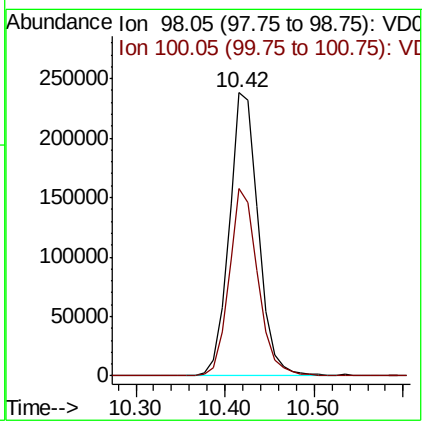


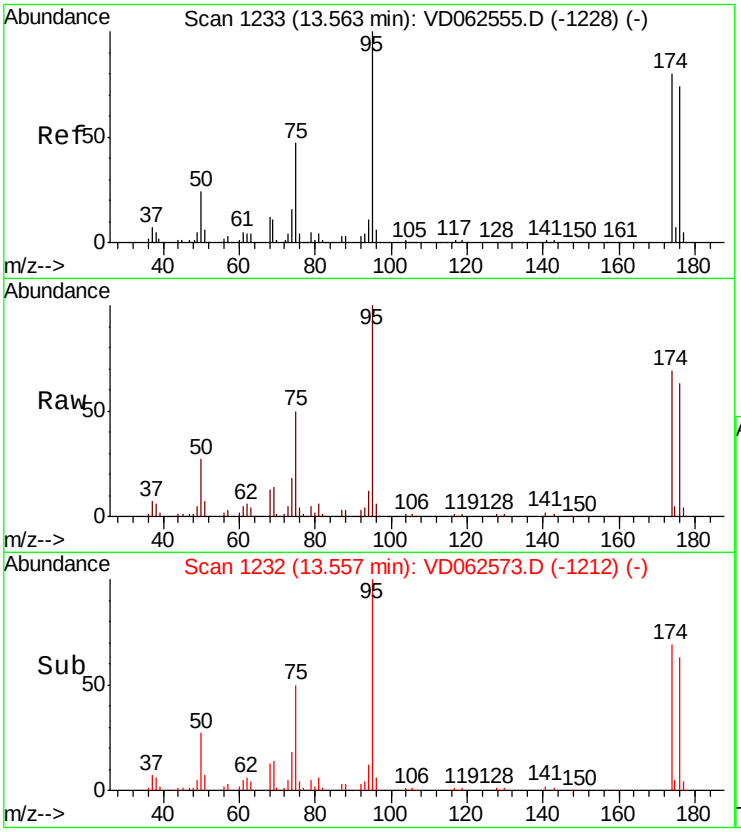


#50
Toluene-d8
Concen: 31.866 ug/l
RT: 10.42 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD062573.D
Acq: 31 May 2019 19:30

Tgt Ion: 98 Resp: 545318

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.3	78.5



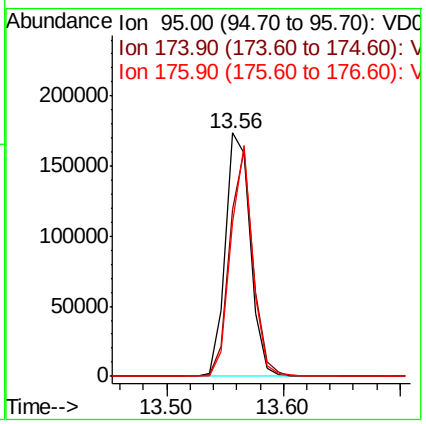


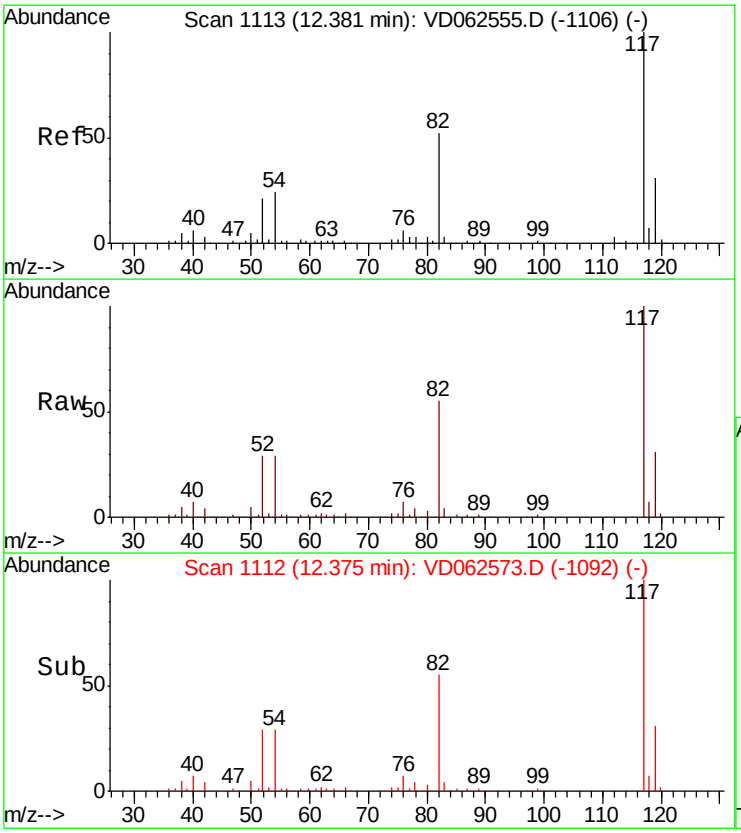
#62
4-Bromofluorobenzene
Concen: 33.367 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD062573.D
Acq: 31 May 2019 19:30

Instrument : MSVOA_D
ClientSampleId : TP-1A-S2

Tgt Ion: 95 Resp: 257506

Ion	Ratio	Lower	Upper
95	100		
174	68.5	0.0	160.2
176	63.5	0.0	148.0

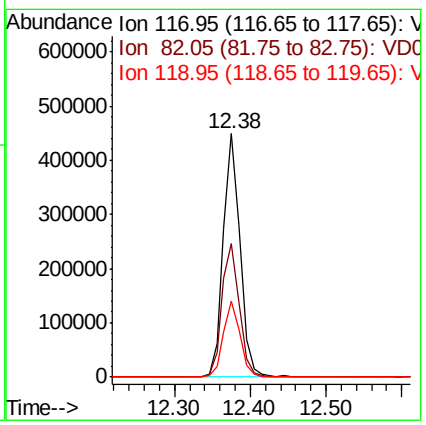


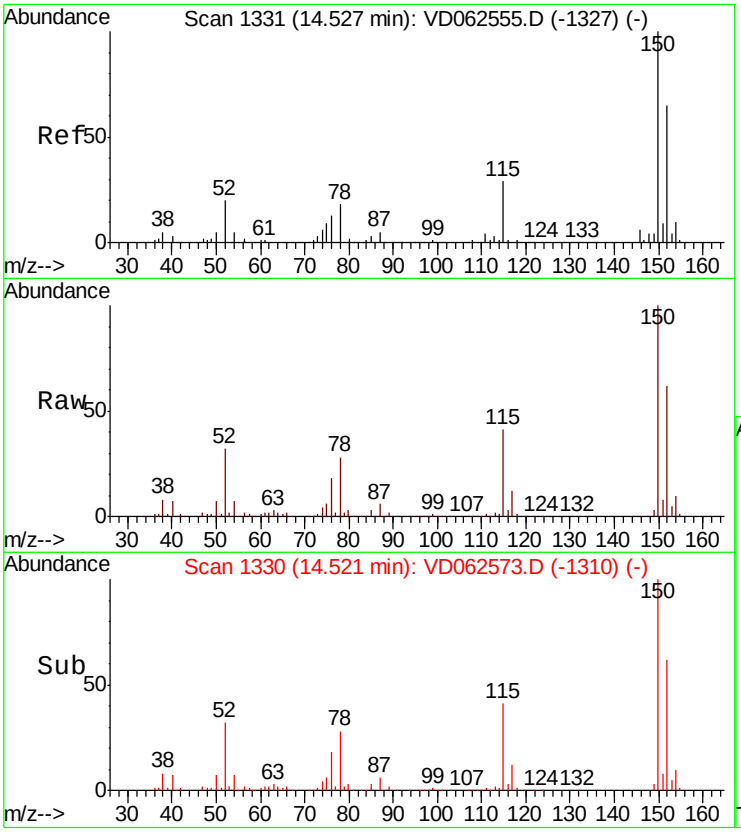


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062573.D
Acq: 31 May 2019 19:30

Tgt Ion:117 Resp: 690363

Ion	Ratio	Lower	Upper
117	100		
82	54.9	41.4	62.2
119	31.2	24.9	37.3



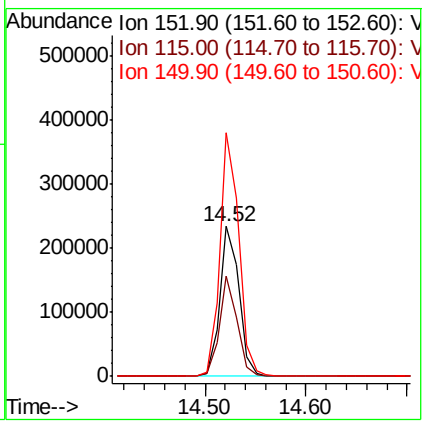


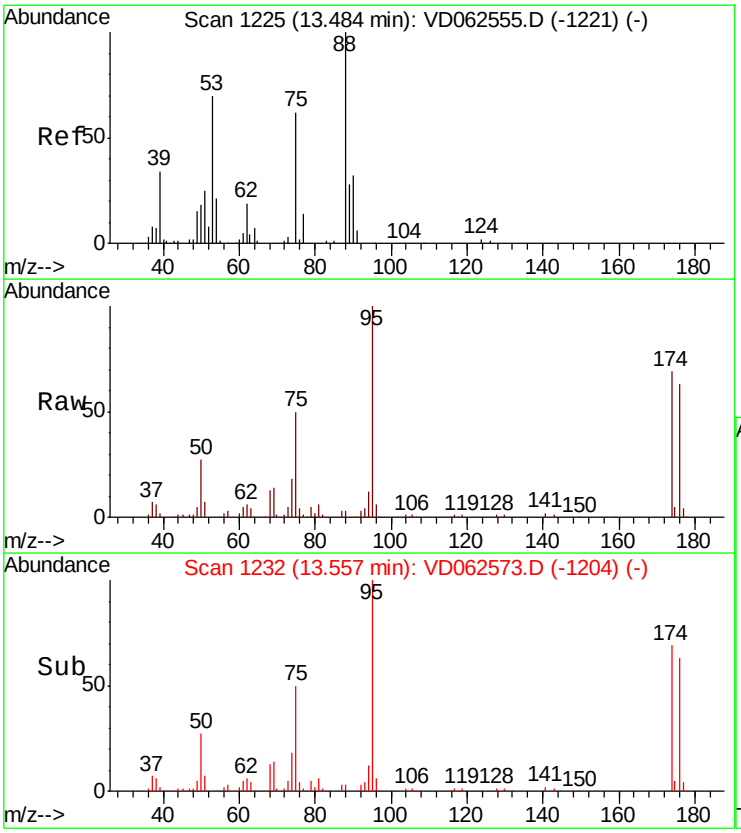
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD062573.D
Acq: 31 May 2019 19:30

Instrument : MSVOA_D
ClientSampleId : TP-1A-S2

Tgt Ion:152 Resp: 309492

Ion	Ratio	Lower	Upper
152	100		
115	67.1	28.4	85.3
150	162.4	0.0	310.4





#81
trans-1,4-Dichloro-2-butene
Concen: 121.051 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.07 min
Lab File: VD062573.D
Acq: 31 May 2019 19:30

Tgt Ion: 75 Resp: 128790

Ion	Ratio	Lower	Upper
75	100		
53	0.0	91.0	136.4#
89	0.0	36.9	55.3#