Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060319\
Data File : VD062584.D
Acq On : 3 Jun 2019 14:35
Operator : VA/AP
Sample : K3150-01
Misc : 6.42g/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Jun 04 05:51:02 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	732164	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.23	114	944422	50.00	ug/l		0.00
63) Chlorobenzene-d5	12.37	117	779891	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	423227	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.46	65	339522	39.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 79.10%				
35) Dibromofluoromethane	6.93	113	352752	40.99	ug/l		0.00
Spiked Amount 50.000			Recovery = 81.98%				
50) Toluene-d8	10.41	98	733852	38.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 77.84%				
62) 4-Bromofluorobenzene	13.55	95	323570	38.05	ug/l		0.00
Spiked Amount 50.000			Recovery = 76.10%				
Target Compounds							Qvalue
3) Chloromethane	1.76	50	1597	Below Cal		#	74
8) Diethyl Ether	2.87	74	2129	1.211	ug/l		58
11) Tert butyl alcohol	4.00	59	644	1.759	ug/l	#	80
13) Acrolein	3.03	56	195	1.222	ug/l	#	10
16) Acetone	3.23	43	31345	18.583	ug/l		97
20) Methylene Chloride	3.82	84	40308	6.456	ug/l		97
31) Cyclohexane	7.05	56	19016	2.385	ug/l	#	4
36) 1,1-Dichloropropene	7.06	75	60556	6.441	ug/l	#	46
38) Carbon Tetrachloride	7.05	117	77620	5.545	ug/l	#	19
58) 2-Chloroethyl Vinyl ether	9.86	63	2759	1.221	ug/l	#	81
81) trans-1,4-Dichloro-2-buten	13.55	75	166020	114.110	ug/l	#	5

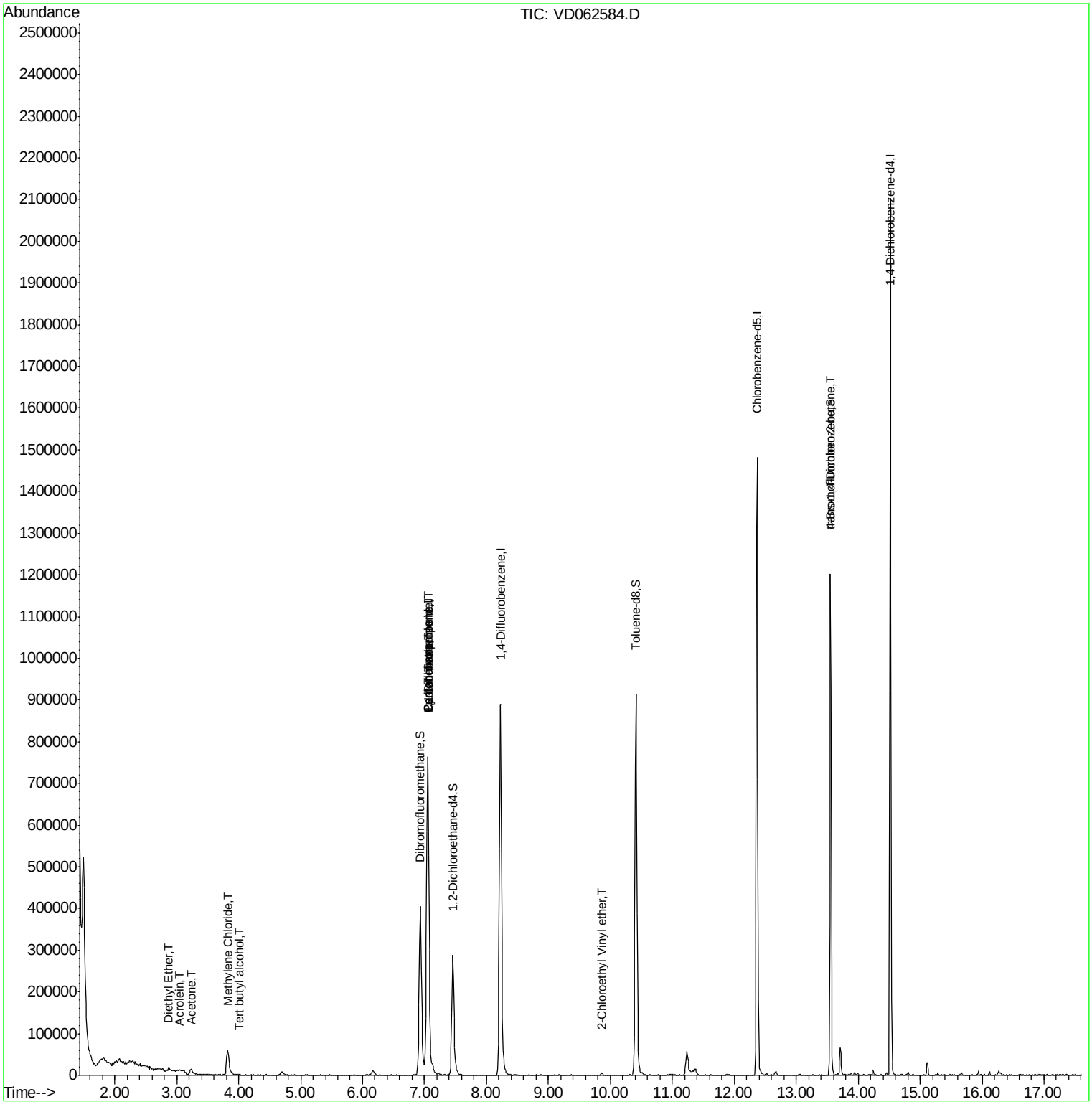
(#) = qualifier out of range (m) = manual integration (+) = signals summed

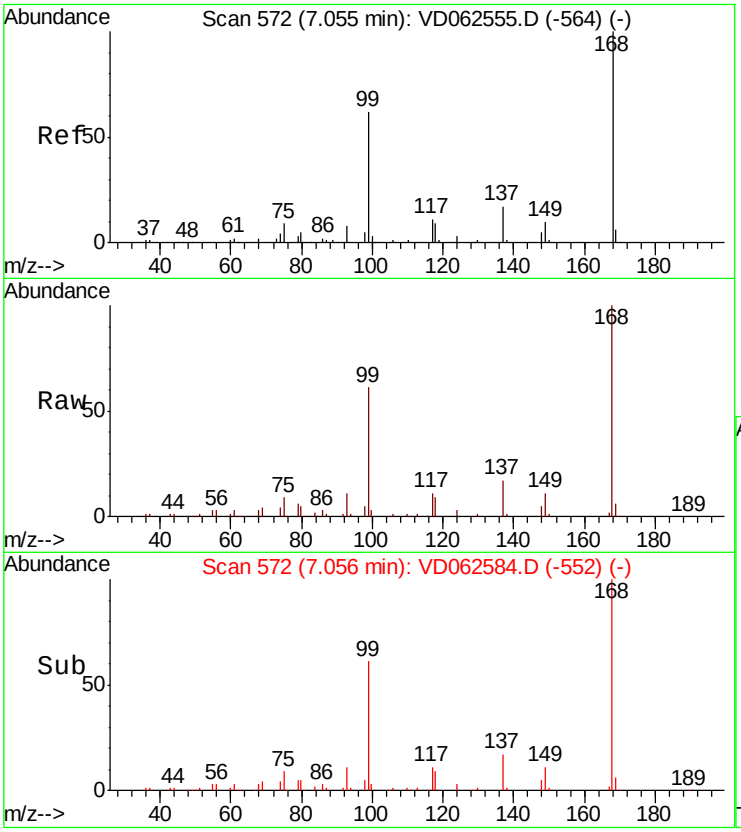
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060319\
Data File : VD062584.D
Acq On : 3 Jun 2019 14:35
Operator : VA/AP
Sample : K3150-01
Misc : 6.42g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 04 05:51:02 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



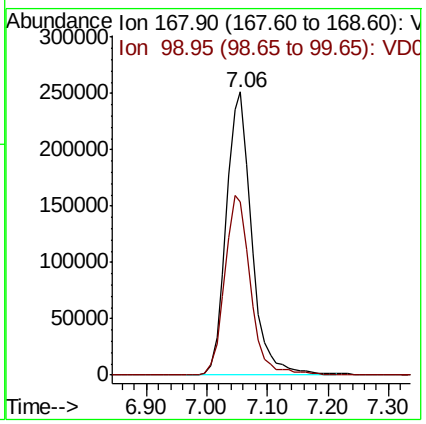


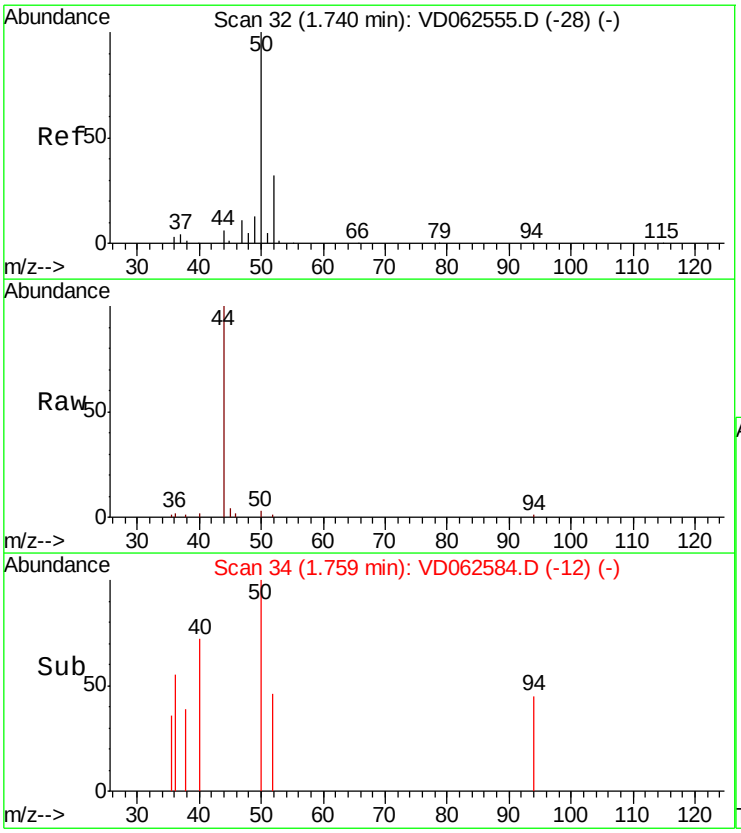
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.00 min
Lab File: VD062584.D
Acq: 3 Jun 2019 14:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 732164

Ion	Ratio	Lower	Upper
168	100		
99	61.3	50.8	76.2

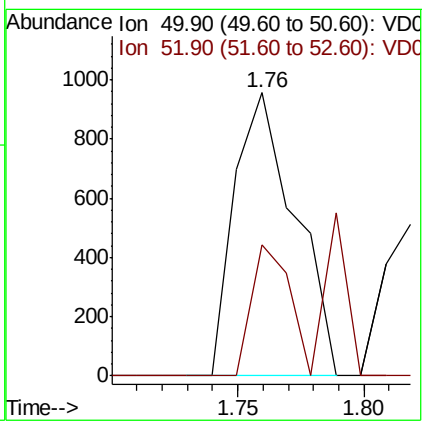


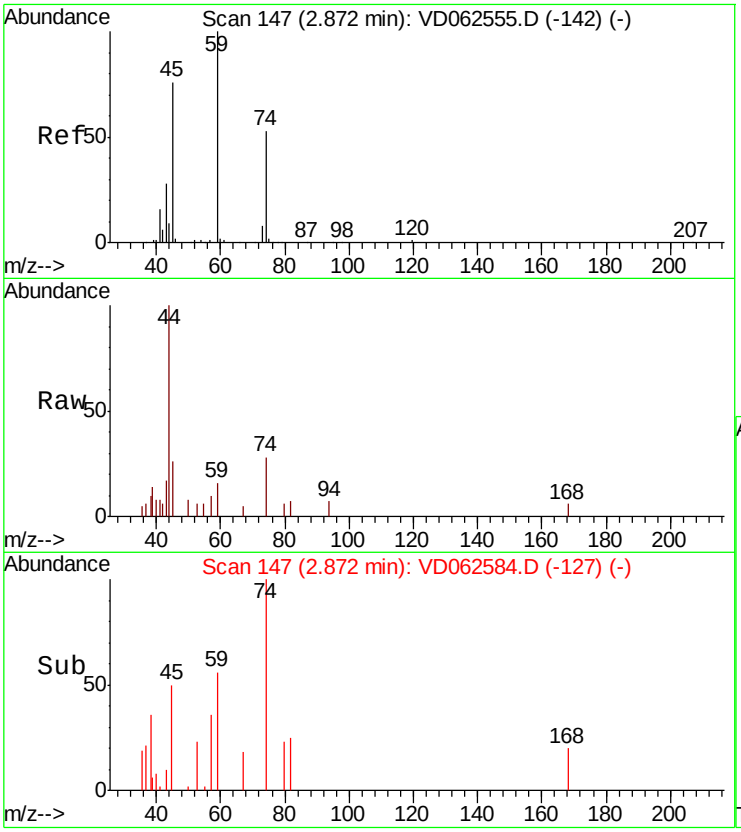


#3
Chloromethane
Concen: Below Cal
RT: 1.76 min Scan# 34
Delta R.T. 0.02 min
Lab File: VD062584.D
Acq: 3 Jun 2019 14:35

Tgt Ion: 50 Resp: 1597

Ion	Ratio	Lower	Upper
50	100		
52	46.2	25.4	38.2#



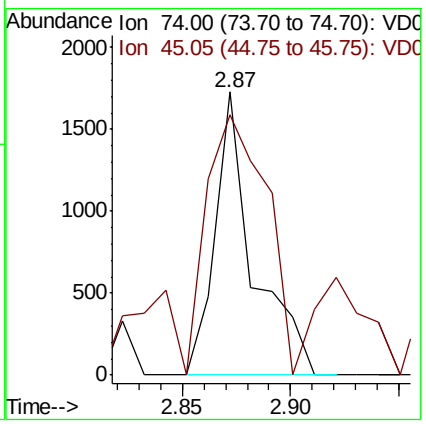


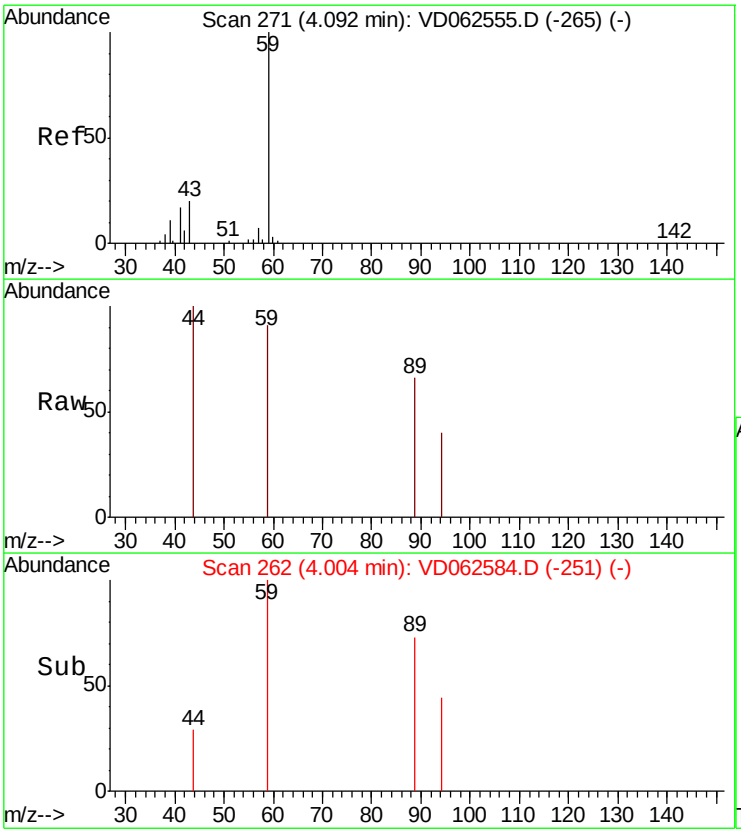
#8
Diethyl Ether
Concen: 1.211 ug/l
RT: 2.87 min Scan# 147
Delta R.T. 0.00 min
Lab File: VD062584.D
Acq: 3 Jun 2019 14:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 74 Resp: 2129

Ion	Ratio	Lower	Upper
74	100		
45	92.0	71.9	215.7

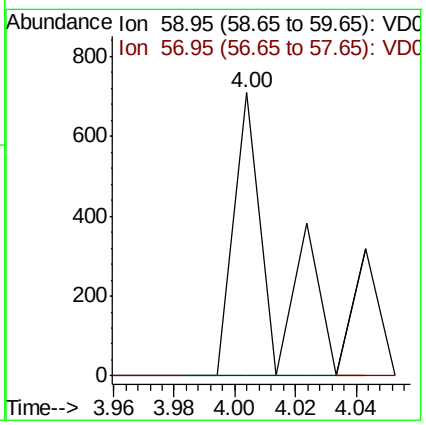


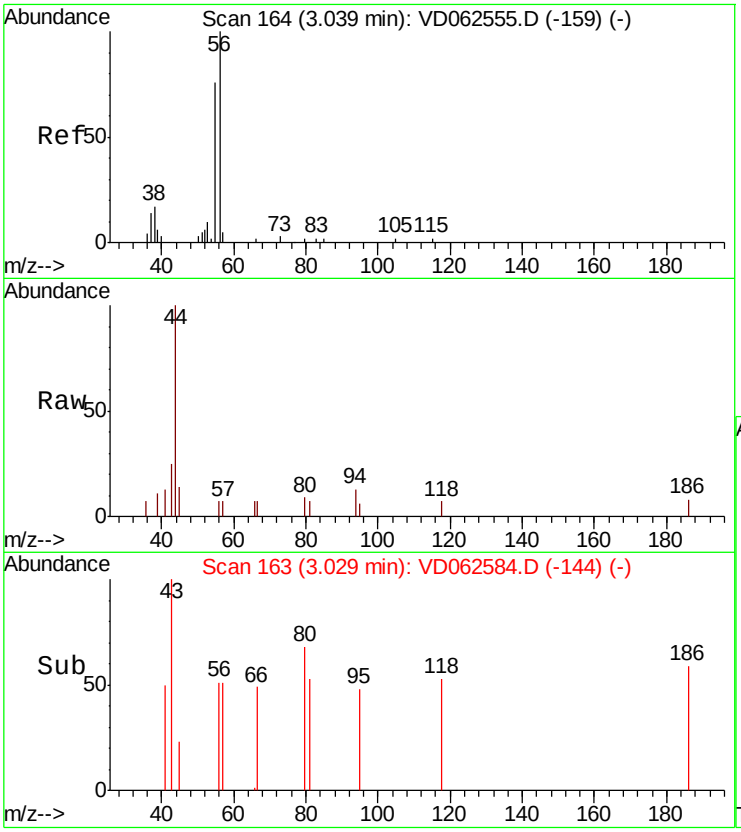


#11
Tert butyl alcohol
Concen: 1.759 ug/l
RT: 4.00 min Scan# 262
Delta R.T. -0.09 min
Lab File: VD062584.D
Acq: 3 Jun 2019 14:35

Tgt Ion: 59 Resp: 644

Ion	Ratio	Lower	Upper
59	100		
57	0.0	5.4	8.0#



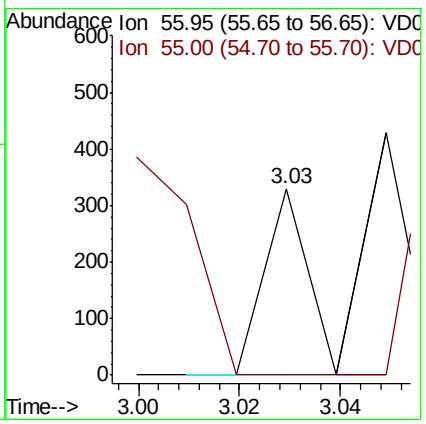


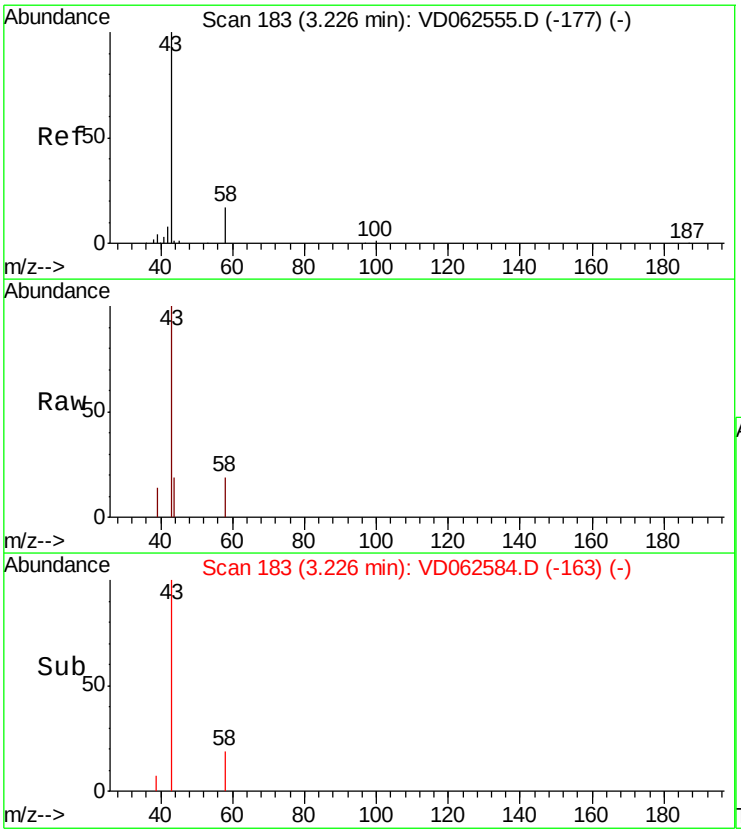
#13
Acrolein
Concen: 1.222 ug/l
RT: 3.03 min Scan# 163
Delta R.T. -0.01 min
Lab File: VD062584.D
Acq: 3 Jun 2019 14:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 195

Ion	Ratio	Lower	Upper
56	100		
55	0.0	62.6	93.8#

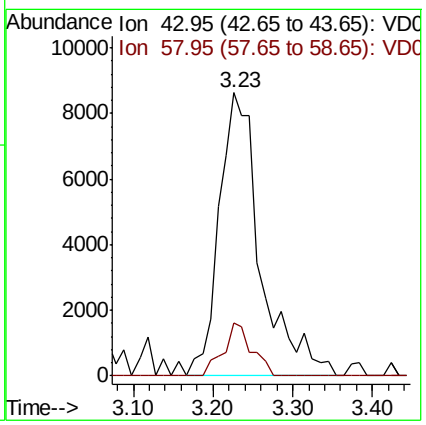


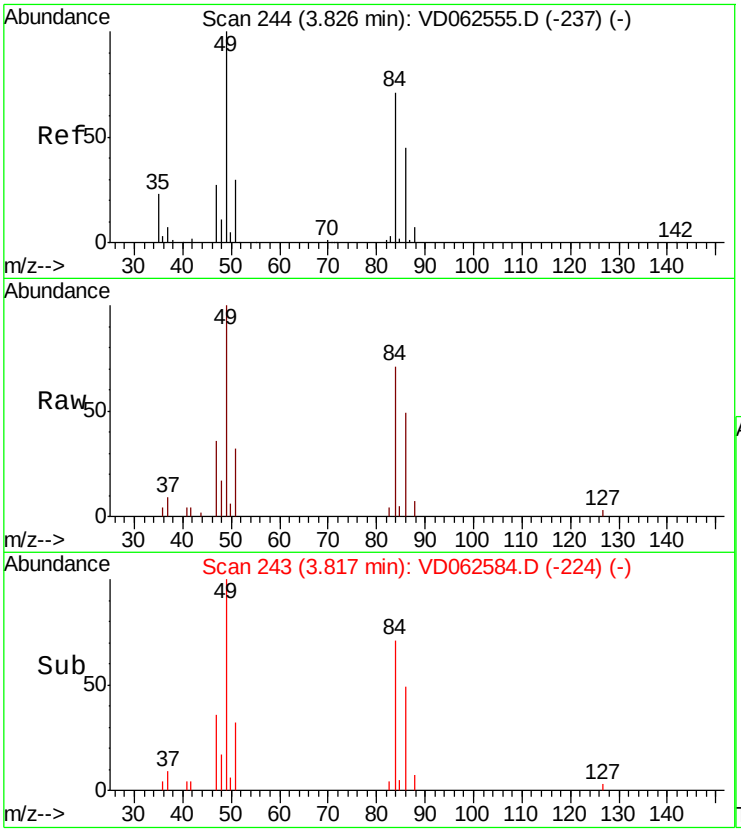


#16
Acetone
Concen: 18.583 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.00 min
Lab File: VD062584.D
Acq: 3 Jun 2019 14:35

Tgt Ion: 43 Resp: 31345

Ion	Ratio	Lower	Upper
43	100		
58	18.8	13.8	20.8



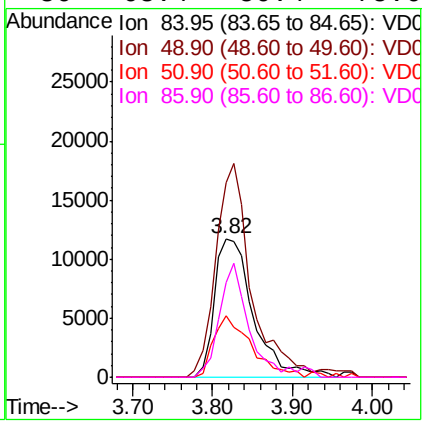


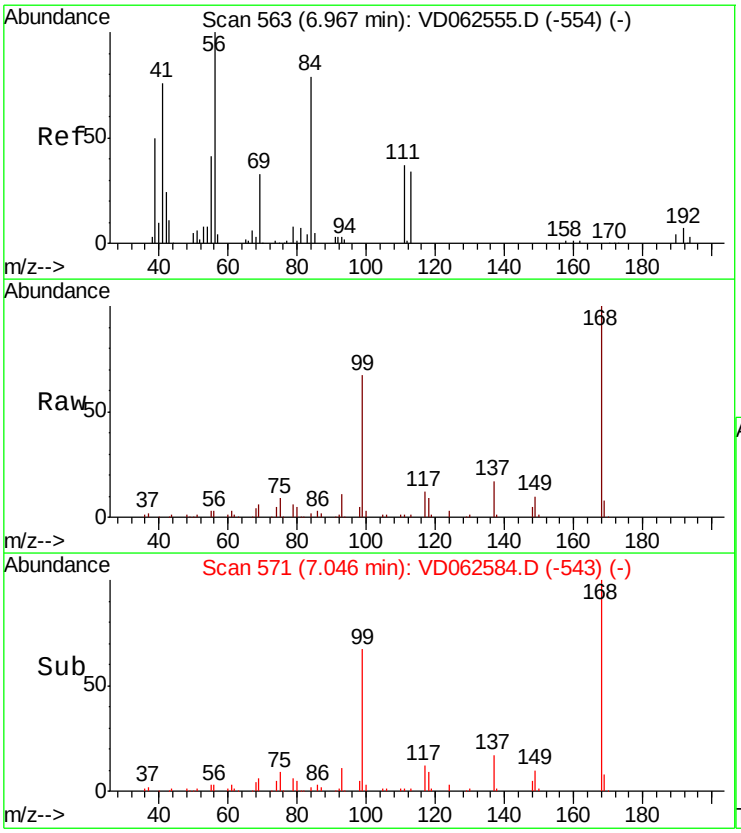
#20
Methylene Chloride
Concen: 6.456 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD062584.D
Acq: 3 Jun 2019 14:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 40308

Ion	Ratio	Lower	Upper
84	100		
49	140.1	112.3	168.5
51	44.5	33.6	50.4
86	68.4	50.4	75.6

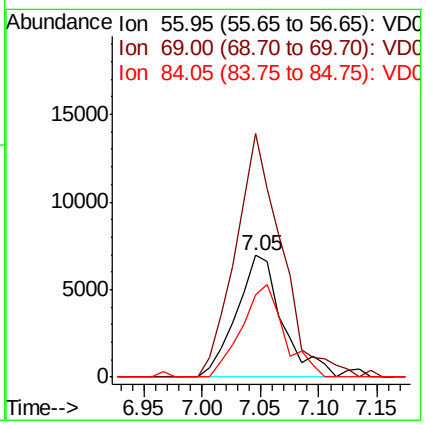


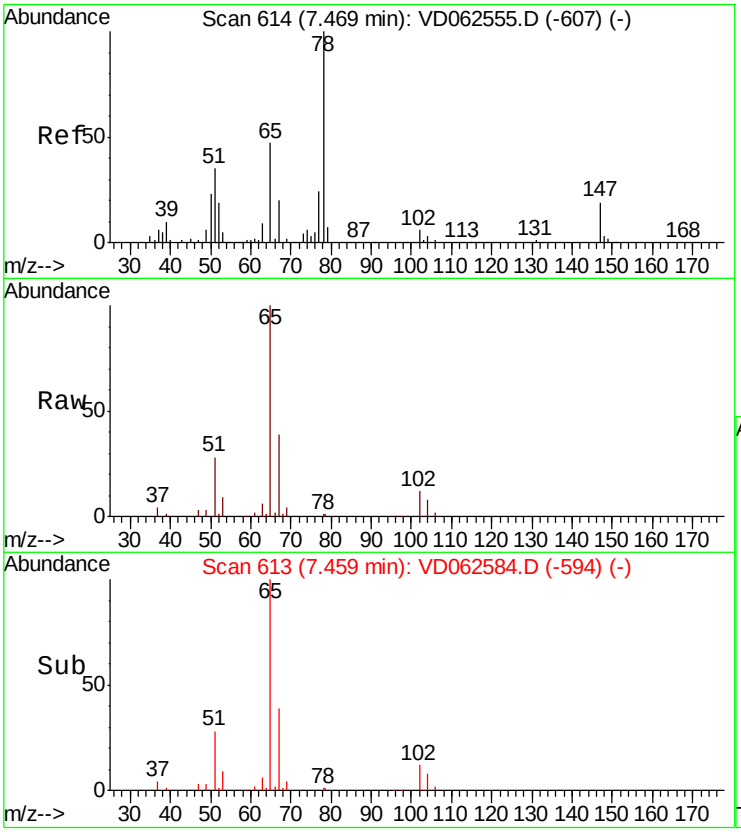


#31
Cyclohexane
Concen: 2.385 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.08 min
Lab File: VD062584.D
Acq: 3 Jun 2019 14:35

Tgt Ion: 56 Resp: 19016

Ion	Ratio	Lower	Upper
56	100		
69	199.9	26.2	39.2#
84	67.4	65.2	97.8



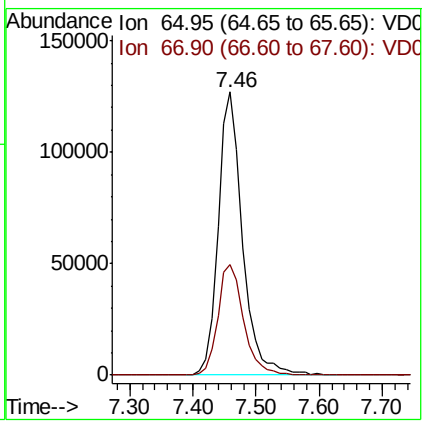


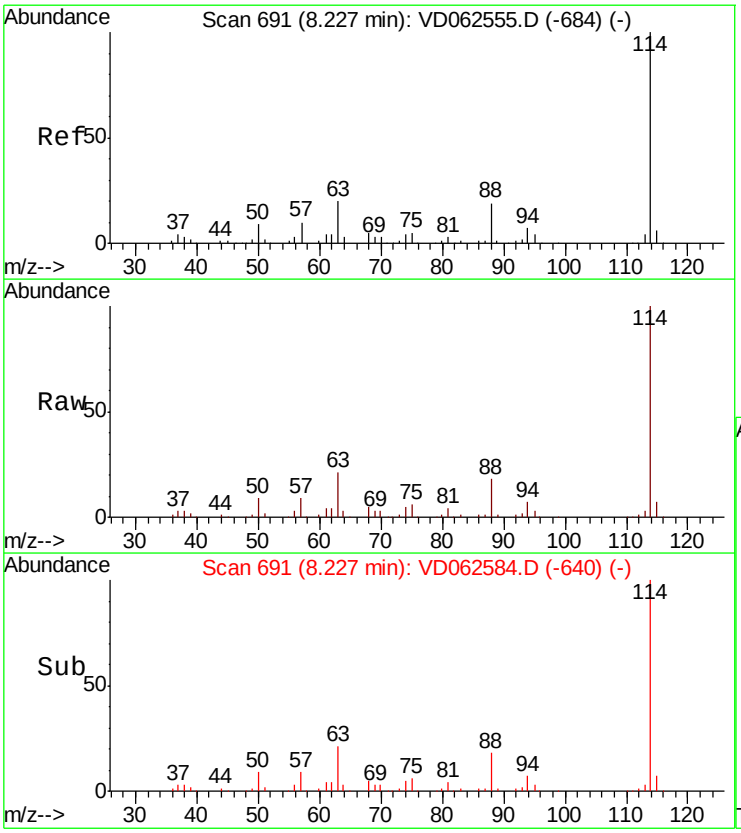
#33
1,2-Dichloroethane-d4
Concen: 39.549 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD062584.D
Acq: 3 Jun 2019 14:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 339522

Ion	Ratio	Lower	Upper
65	100		
67	39.1	0.0	83.6

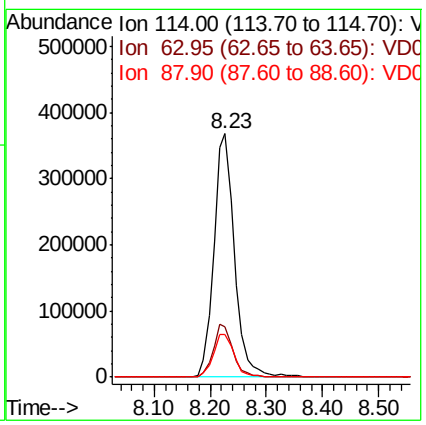


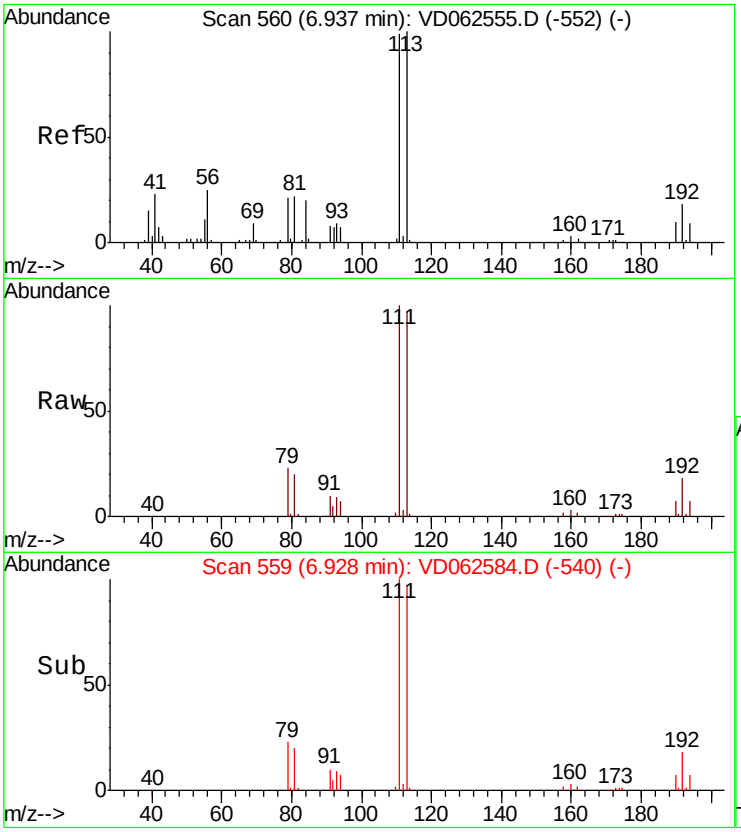


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.00 min
Lab File: VD062584.D
Acq: 3 Jun 2019 14:35

Tgt Ion:114 Resp: 944422

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.6
88	17.7	0.0	37.6



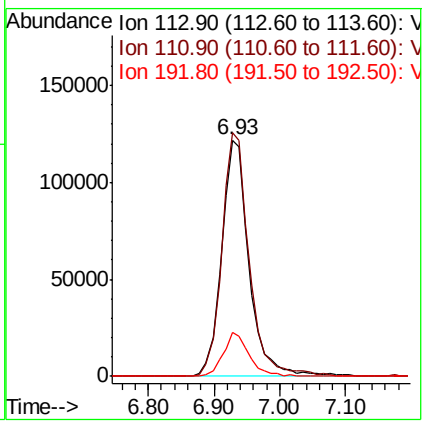


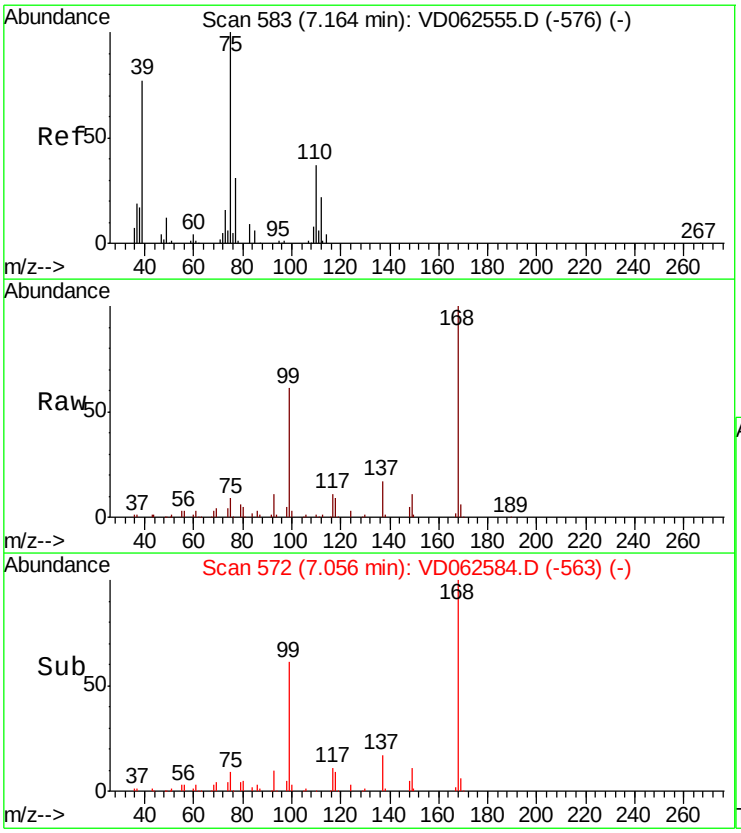
#35
Dibromofluoromethane
Concen: 40.988 ug/l
RT: 6.93 min Scan# 559
Delta R.T. -0.01 min
Lab File: VD062584.D
Acq: 3 Jun 2019 14:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 352752

Ion	Ratio	Lower	Upper
113	100		
111	103.2	78.8	118.2
192	18.4	14.6	22.0

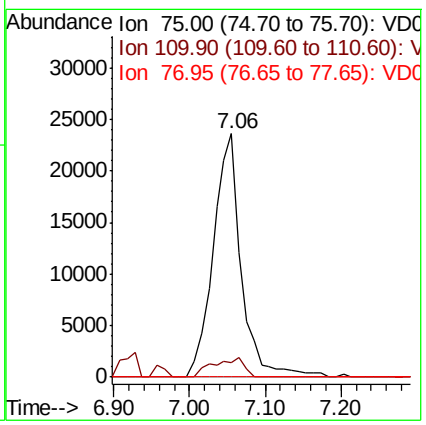


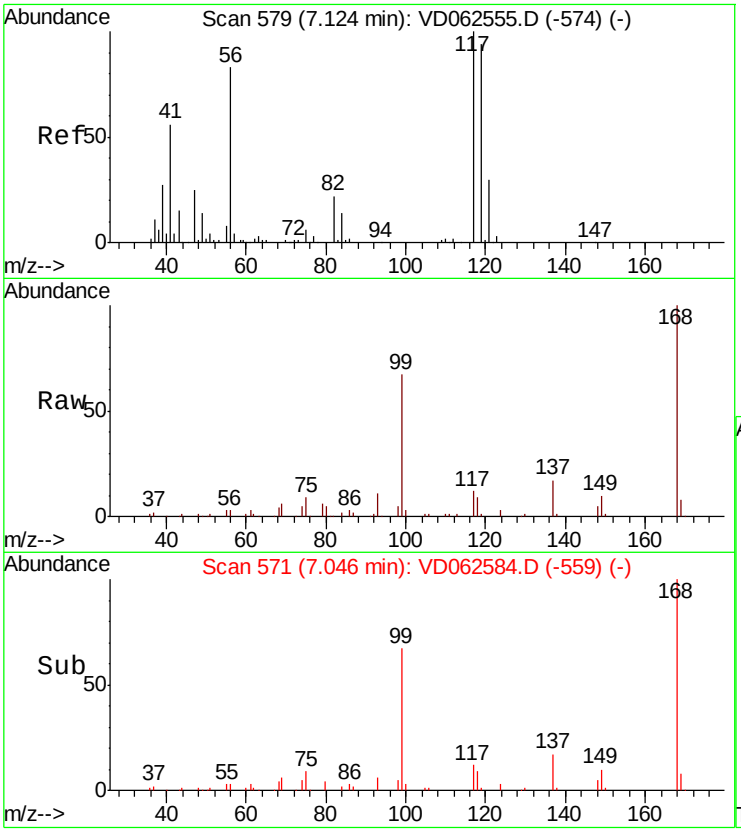


#36
1,1-Dichloropropene
Concen: 6.441 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.11 min
Lab File: VD062584.D
Acq: 3 Jun 2019 14:35

Tgt Ion: 75 Resp: 60556

Ion	Ratio	Lower	Upper
75	100		
110	5.9	18.3	54.8#
77	0.0	24.4	36.6#



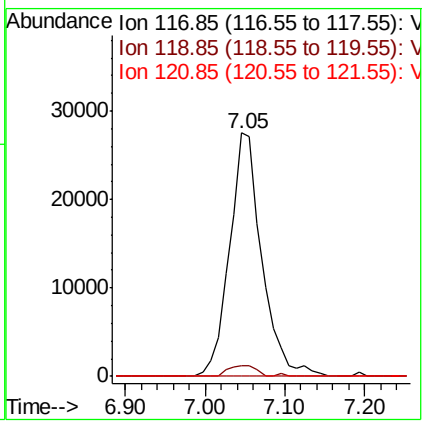


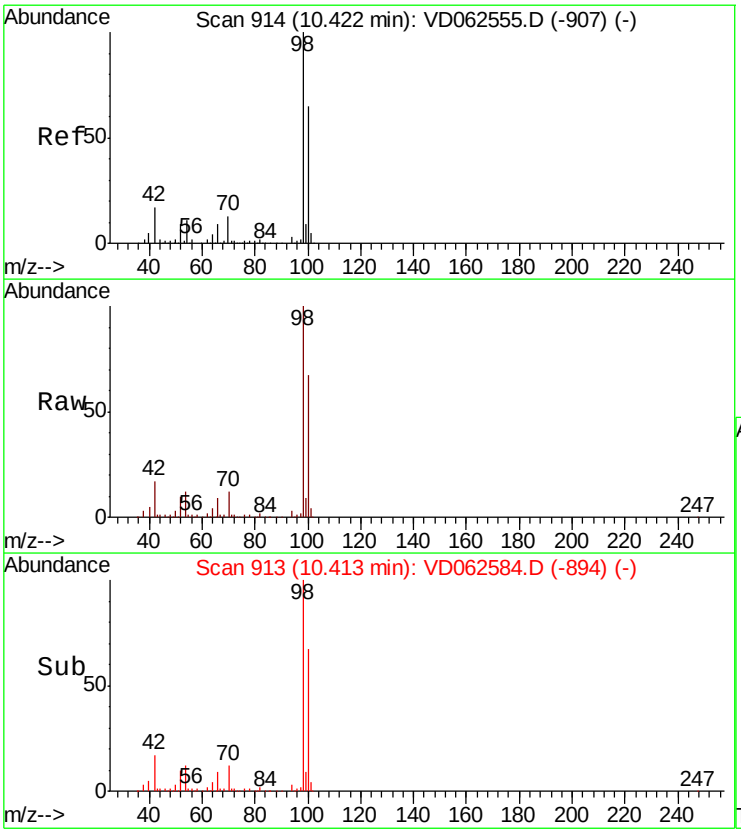
#38
Carbon Tetrachloride
Concen: 5.545 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.08 min
Lab File: VD062584.D
Acq: 3 Jun 2019 14:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 77620

Ion	Ratio	Lower	Upper
117	100		
119	4.6	71.4	107.2#
121	0.0	22.5	33.7#

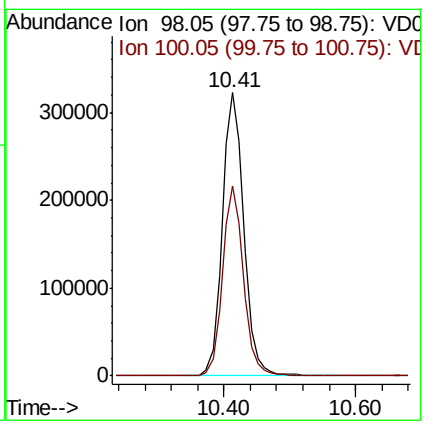


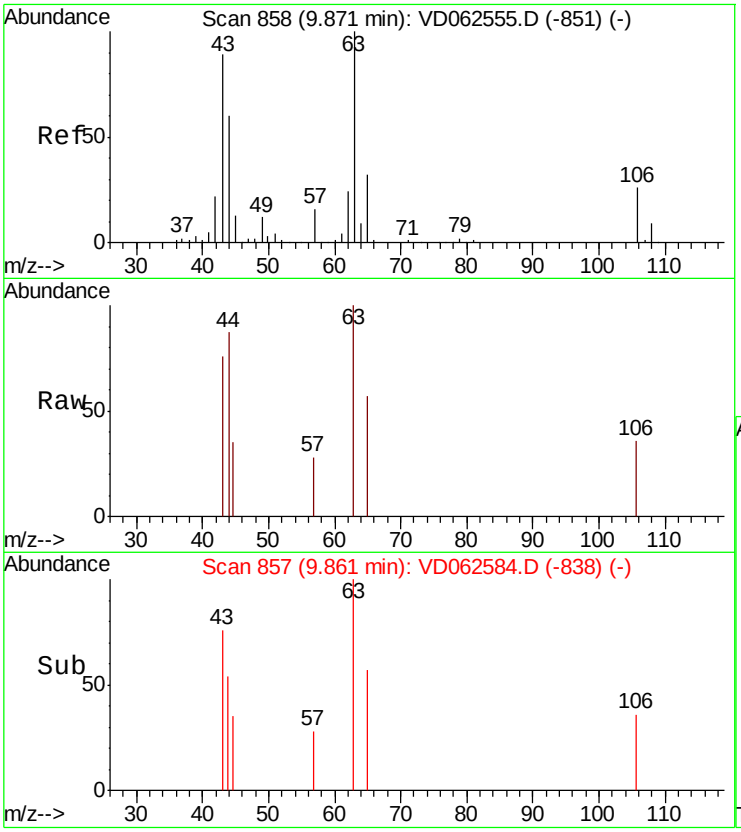


#50
Toluene-d8
Concen: 38.918 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD062584.D
Acq: 3 Jun 2019 14:35

Tgt Ion: 98 Resp: 733852

Ion	Ratio	Lower	Upper
98	100		
100	67.2	52.3	78.5



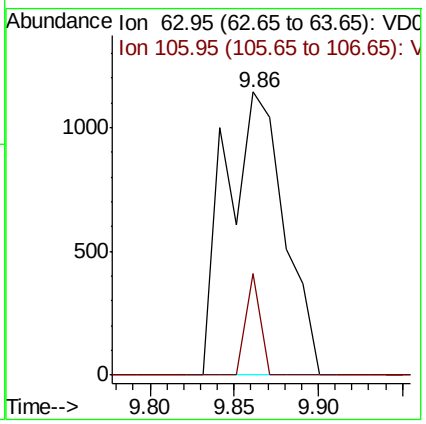


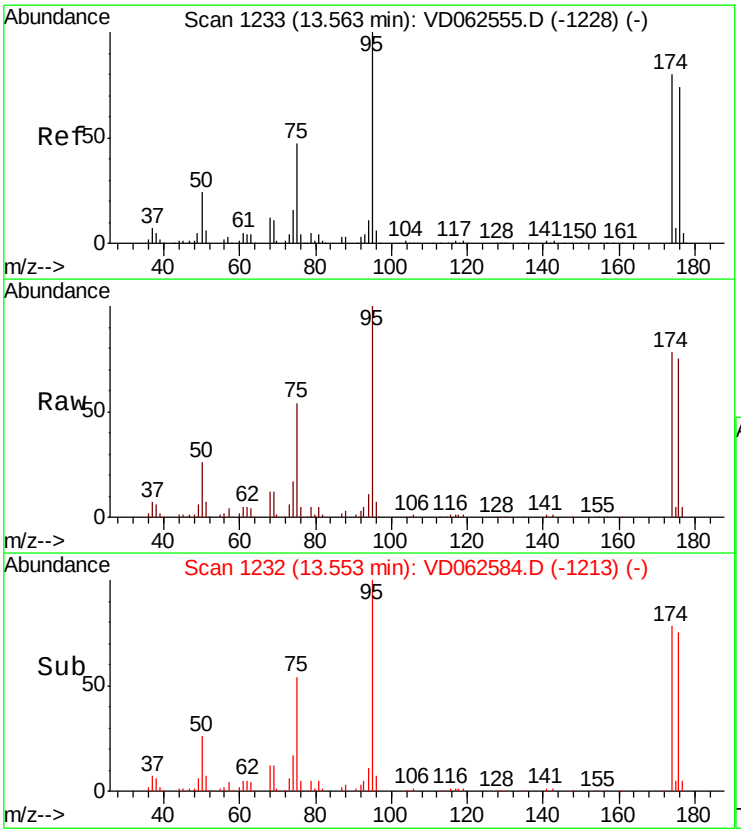
#58
2-Chloroethyl Vinyl ether
Concen: 1.221 ug/l
RT: 9.86 min Scan# 857
Delta R.T. -0.01 min
Lab File: VD062584.D
Acq: 3 Jun 2019 14:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 2759

Ion	Ratio	Lower	Upper
63	100		
106	36.1	21.0	31.4#

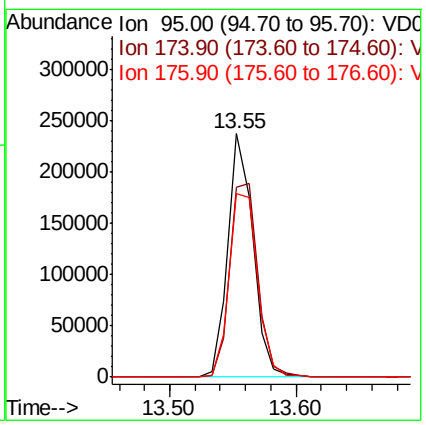


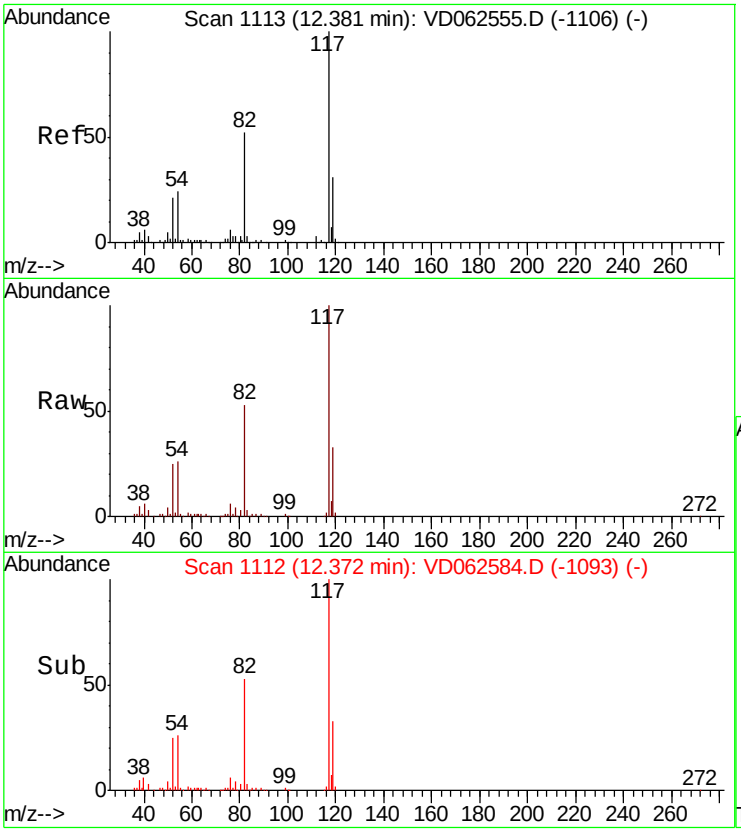


#62
4-Bromofluorobenzene
Concen: 38.051 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD062584.D
Acq: 3 Jun 2019 14:35

Tgt Ion: 95 Resp: 323570

Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	160.2
176	75.4	0.0	148.0



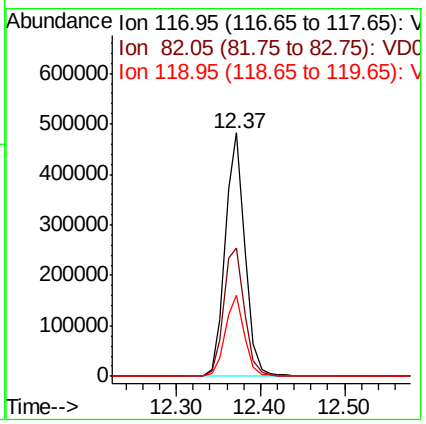


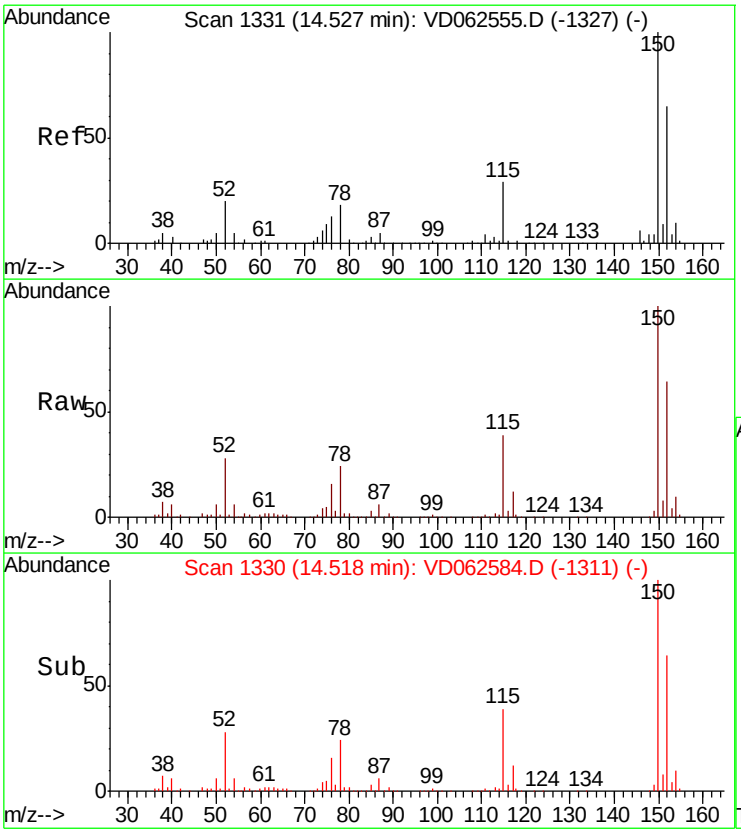
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062584.D
Acq: 3 Jun 2019 14:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 779891

Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.4	62.2
119	33.2	24.9	37.3

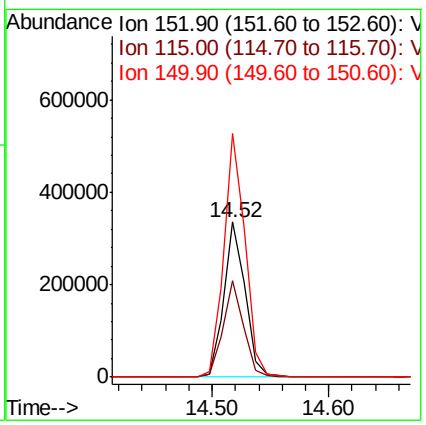


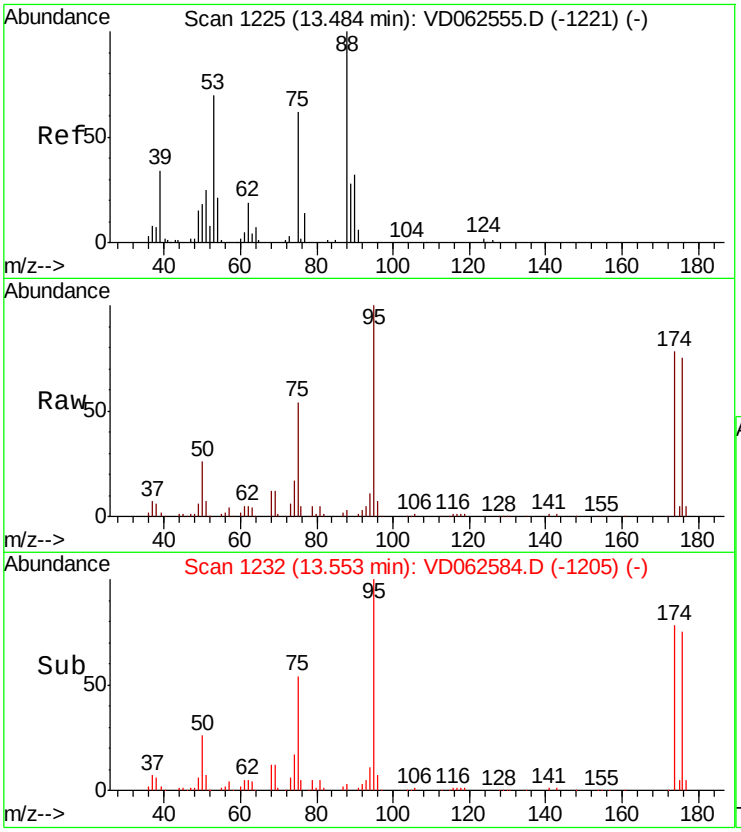


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD062584.D
Acq: 3 Jun 2019 14:35

Tgt Ion:152 Resp: 423227

Ion	Ratio	Lower	Upper
152	100		
115	62.0	28.4	85.3
150	157.1	0.0	310.4





#81
trans-1,4-Dichloro-2-butene
Concen: 114.110 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.07 min
Lab File: VD062584.D
Acq: 3 Jun 2019 14:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 166020

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