Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD071919\
Data File : VD063159.D
Acq On : 19 Jul 2019 17:42
Operator : VA/AP
Sample : K3903-03RE
Misc : 5.32g/5ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Jul 20 05:01:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	816133	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	1125474	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	829335	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	322525	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	336565	33.11	ug/l	0.01
Spiked Amount 50.000			Recovery = 66.22%			
35) Dibromofluoromethane	6.93	113	388155	34.63	ug/l	0.01
Spiked Amount 50.000			Recovery = 69.26%			
50) Toluene-d8	10.41	98	708767	29.43	ug/l	0.01
Spiked Amount 50.000			Recovery = 58.86%			
62) 4-Bromofluorobenzene	13.55	95	270588	24.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 48.58%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	777	Below Cal	#	27
3) Chloromethane	1.74	50	216	Below Cal	#	48
5) Bromomethane	2.15	94	1242	Below Cal	#	13
11) Tert butyl alcohol	4.05	59	642	1.094	ug/l #	77
13) Acrolein	3.04	56	472	2.665	ug/l #	14
16) Acetone	3.23	43	59325	24.160	ug/l #	91
18) Methyl Acetate	3.63	43	185	Below Cal	#	63
20) Methylene Chloride	3.83	84	9642	1.039	ug/l #	65
25) 2-Butanone	6.09	43	8192	3.494	ug/l	99
31) Cyclohexane	7.05	56	20007	2.067	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	63625	5.026	ug/l #	49
38) Carbon Tetrachloride	7.05	117	80542	4.187	ug/l #	13
76) 1,2,3-Trichloropropane	13.55	75	113066	22.789	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.55	75	132001	101.033	ug/l #	1

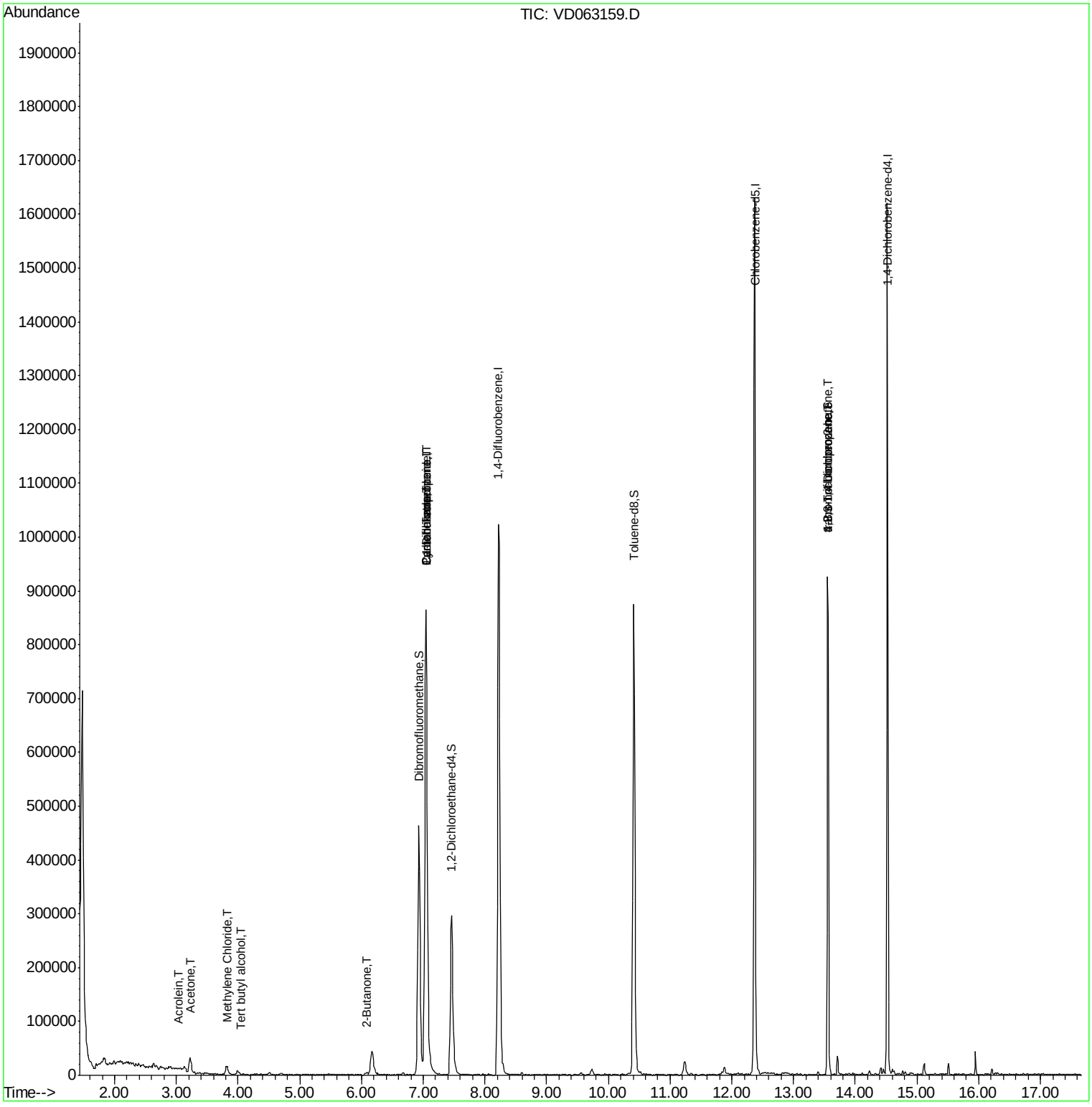
(#) = qualifier out of range (m) = manual integration (+) = signals summed

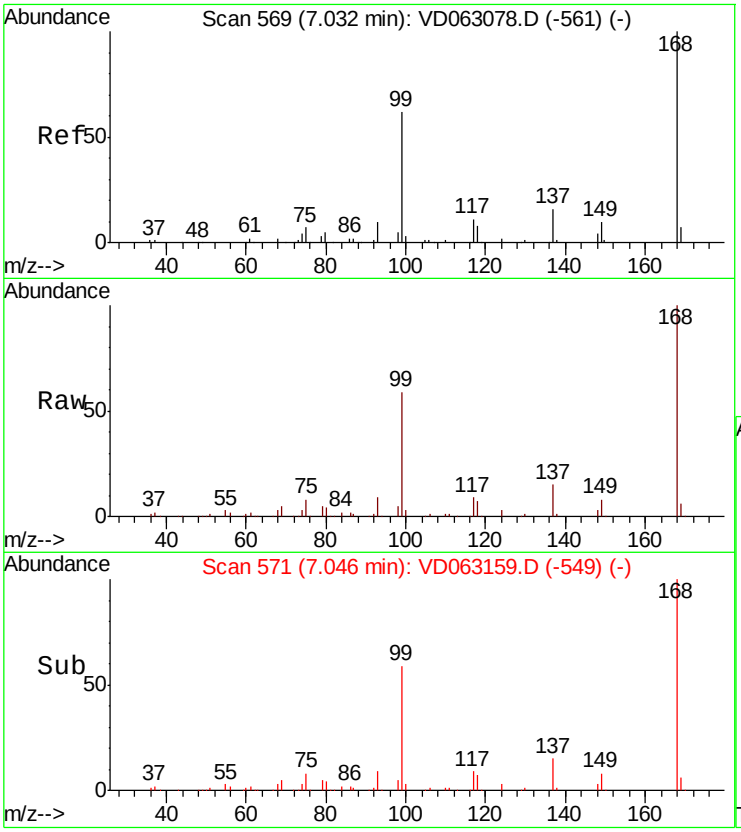
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071919\
Data File : VD063159.D
Acq On : 19 Jul 2019 17:42
Operator : VA/AP
Sample : K3903-03RE
Misc : 5.32g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jul 20 05:01:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration



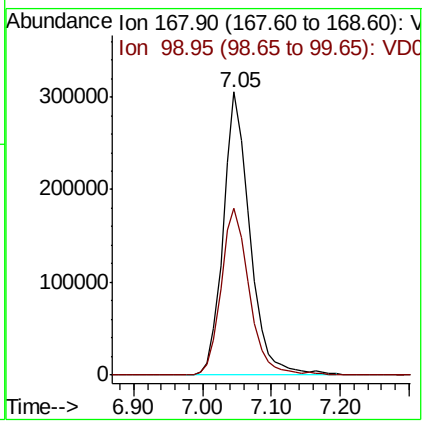


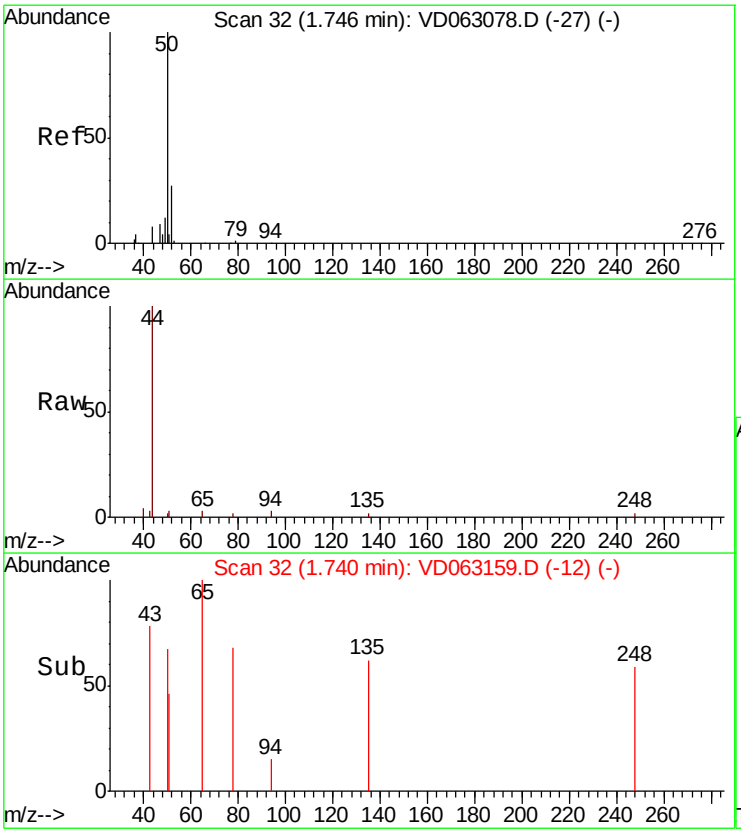
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.01 min
Lab File: VD063159.D
Acq: 19 Jul 2019 17:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 816133

Ion	Ratio	Lower	Upper
168	100		
99	58.8	50.8	76.2

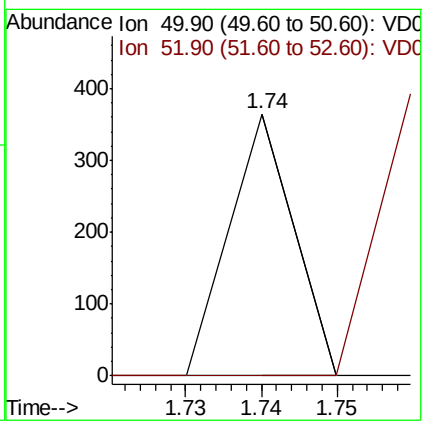


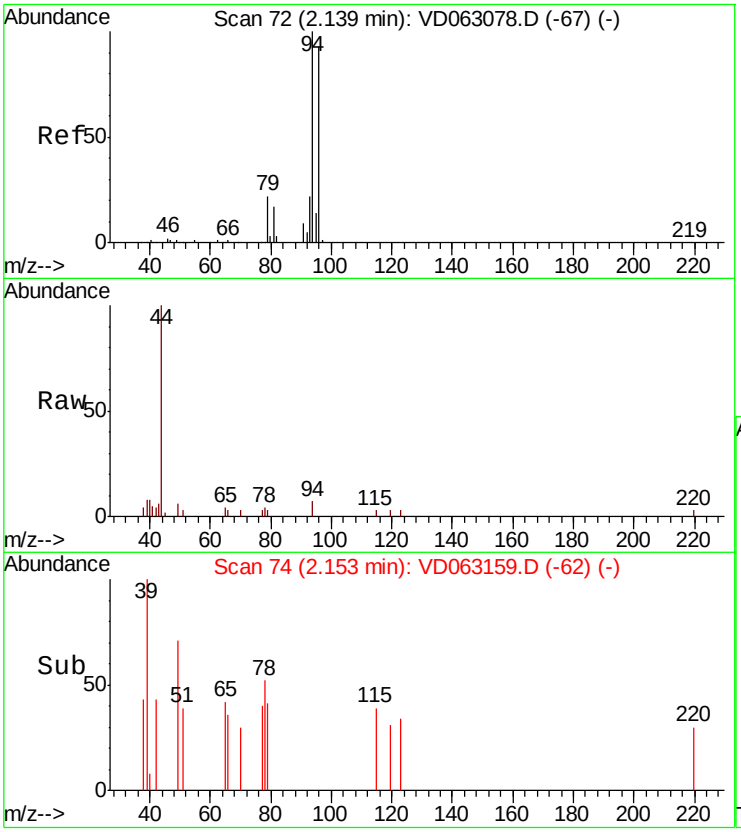


#3
Chloromethane
Concen: Below Cal
RT: 1.74 min Scan# 32
Delta R.T. -0.01 min
Lab File: VD063159.D
Acq: 19 Jul 2019 17:42

Tgt Ion: 50 Resp: 216

Ion	Ratio	Lower	Upper
50	100		
52	0.0	21.4	32.2#



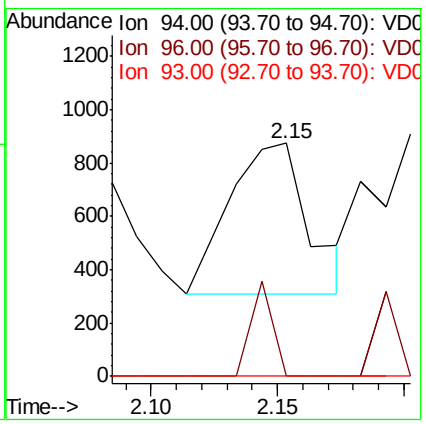


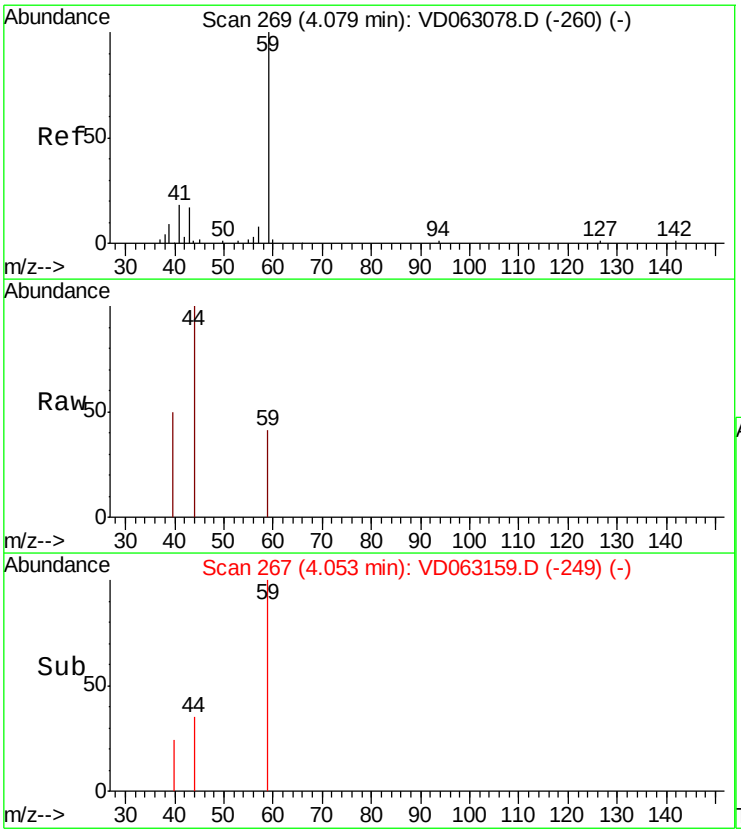
#5
Bromomethane
Concen: Below Cal
RT: 2.15 min Scan# 74
Delta R.T. 0.01 min
Lab File: VD063159.D
Acq: 19 Jul 2019 17:42

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 94 Resp: 1242

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.2	111.2#
93	0.0	17.8	26.6#

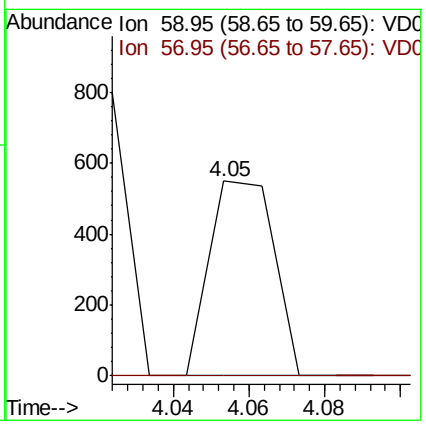


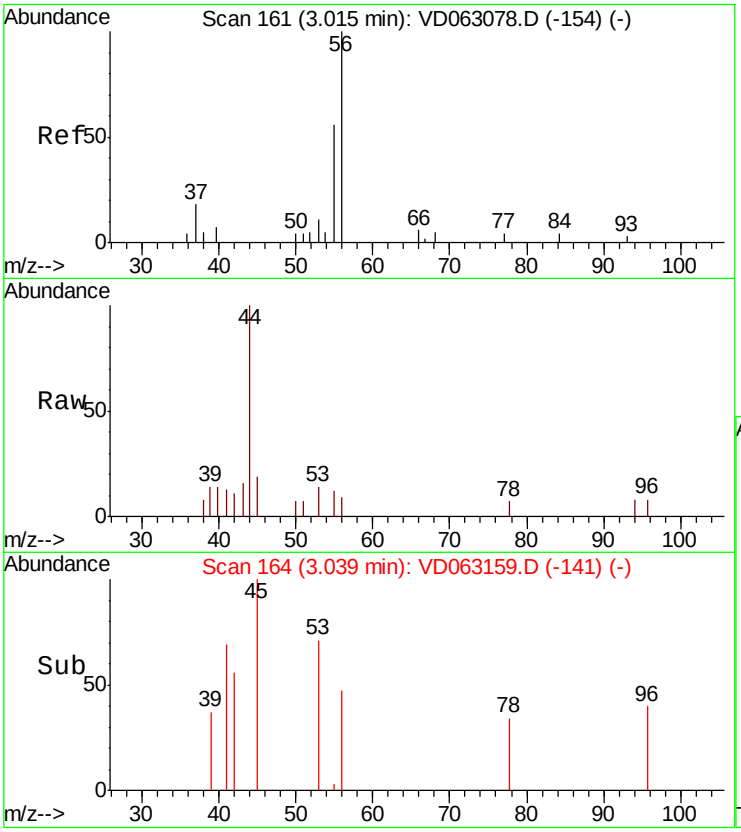


#11
Tert butyl alcohol
Concen: 1.094 ug/l
RT: 4.05 min Scan# 267
Delta R.T. -0.03 min
Lab File: VD063159.D
Acq: 19 Jul 2019 17:42

Tgt Ion: 59 Resp: 642

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#



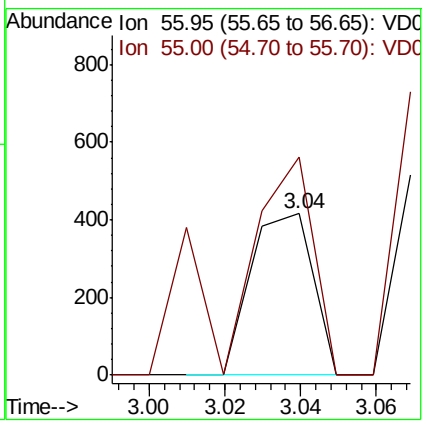


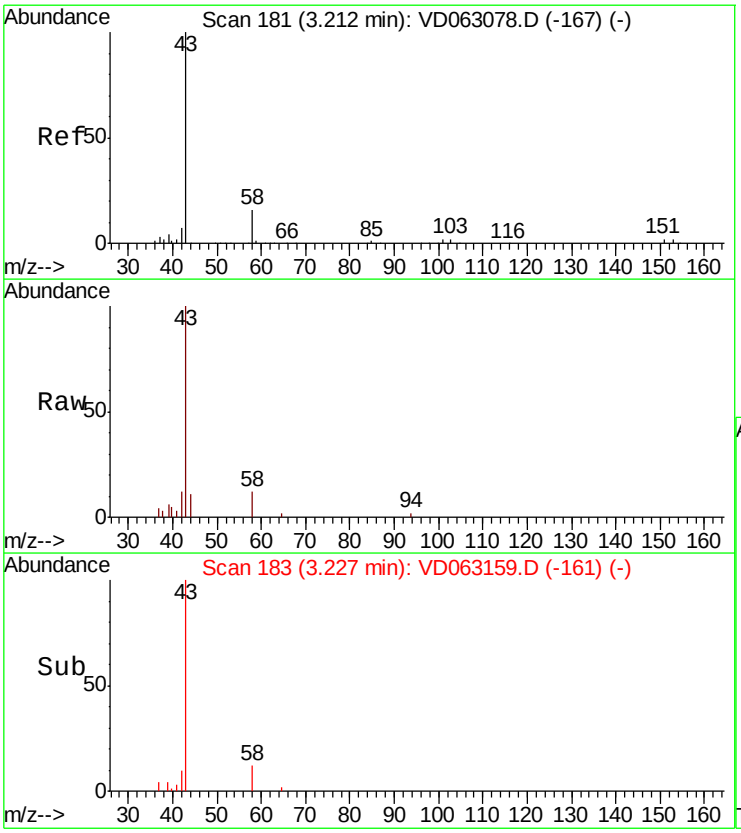
#13
Acrolein
Concen: 2.665 ug/l
RT: 3.04 min Scan# 164
Delta R.T. 0.02 min
Lab File: VD063159.D
Acq: 19 Jul 2019 17:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 472

Ion	Ratio	Lower	Upper
56	100		
55	134.9	53.0	79.4#

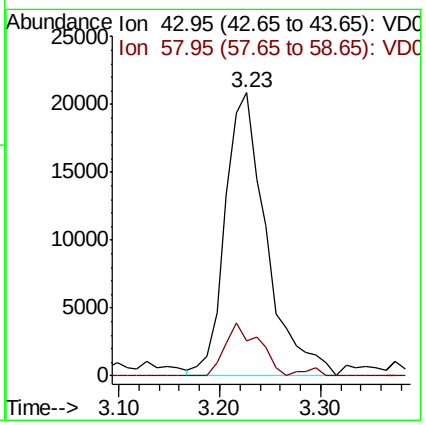


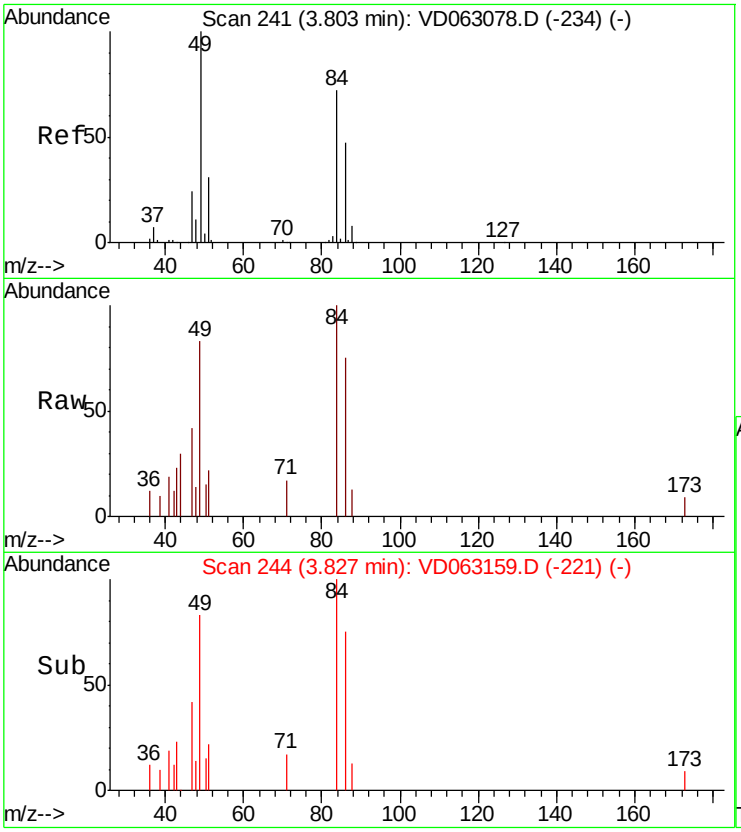


#16
Acetone
Concen: 24.160 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.01 min
Lab File: VD063159.D
Acq: 19 Jul 2019 17:42

Tgt Ion: 43 Resp: 59325

Ion	Ratio	Lower	Upper
43	100		
58	12.4	13.0	19.4#



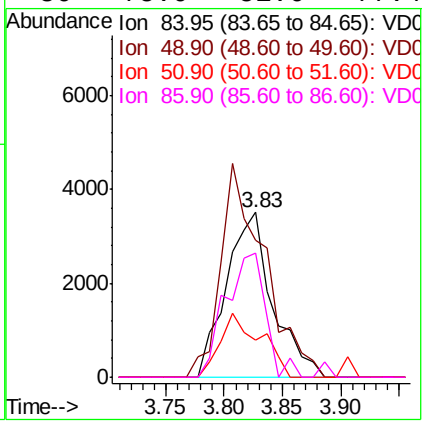


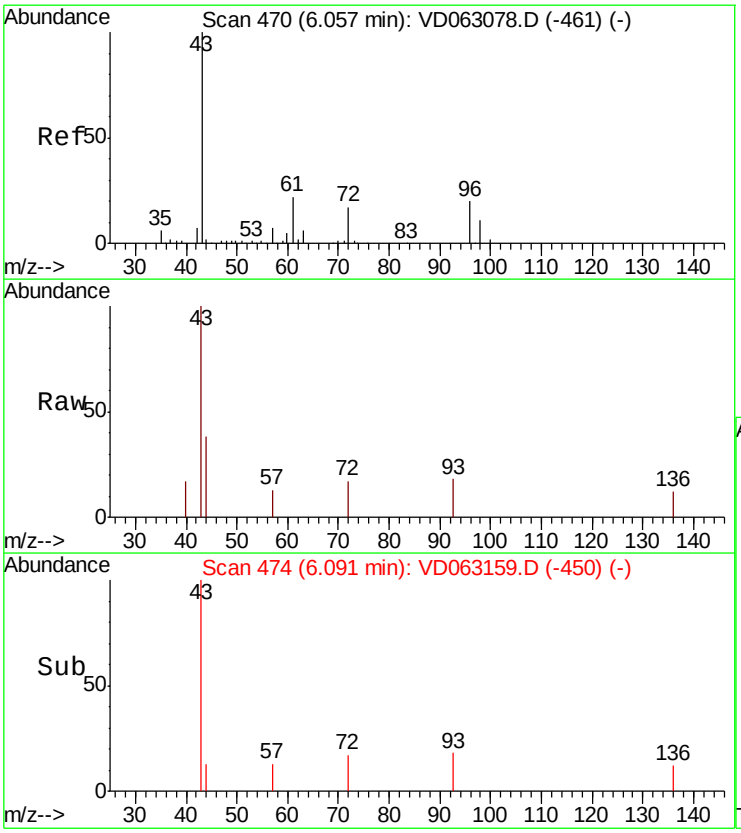
#20
Methylene Chloride
Concen: 1.039 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD063159.D
Acq: 19 Jul 2019 17:42

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 9642

Ion	Ratio	Lower	Upper
84	100		
49	82.9	110.5	165.7#
51	22.2	34.6	51.8#
86	75.0	51.6	77.4

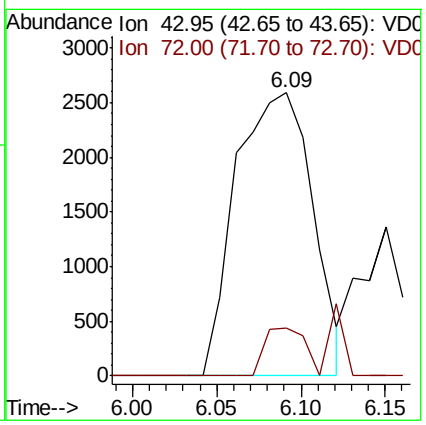


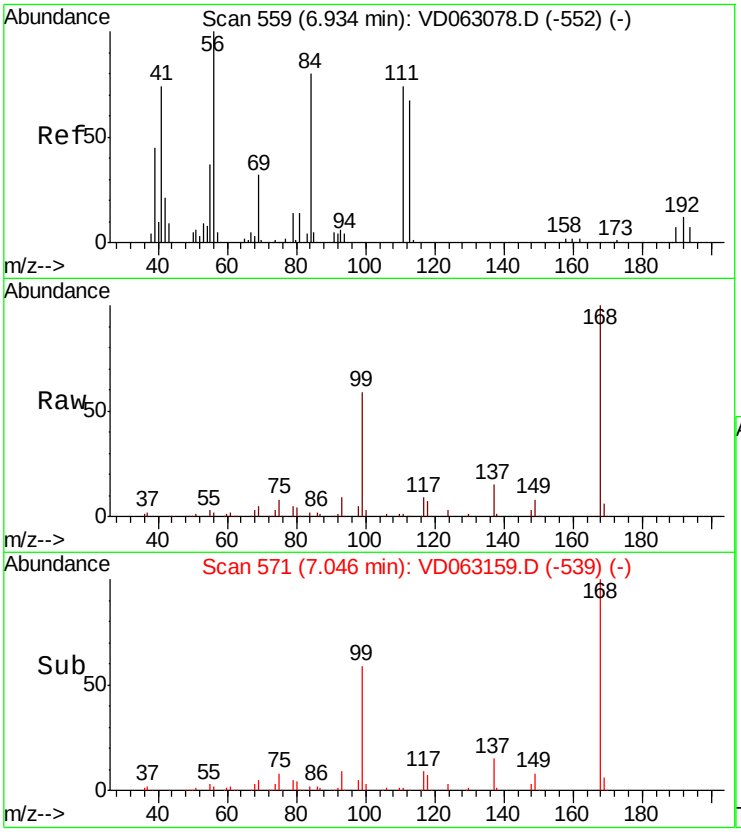


#25
2-Butanone
Concen: 3.494 ug/l
RT: 6.09 min Scan# 474
Delta R.T. 0.03 min
Lab File: VD063159.D
Acq: 19 Jul 2019 17:42

Tgt Ion: 43 Resp: 8192

Ion	Ratio	Lower	Upper
43	100		
72	17.1	13.4	20.0



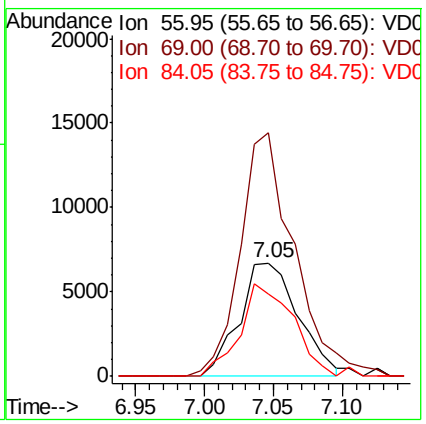


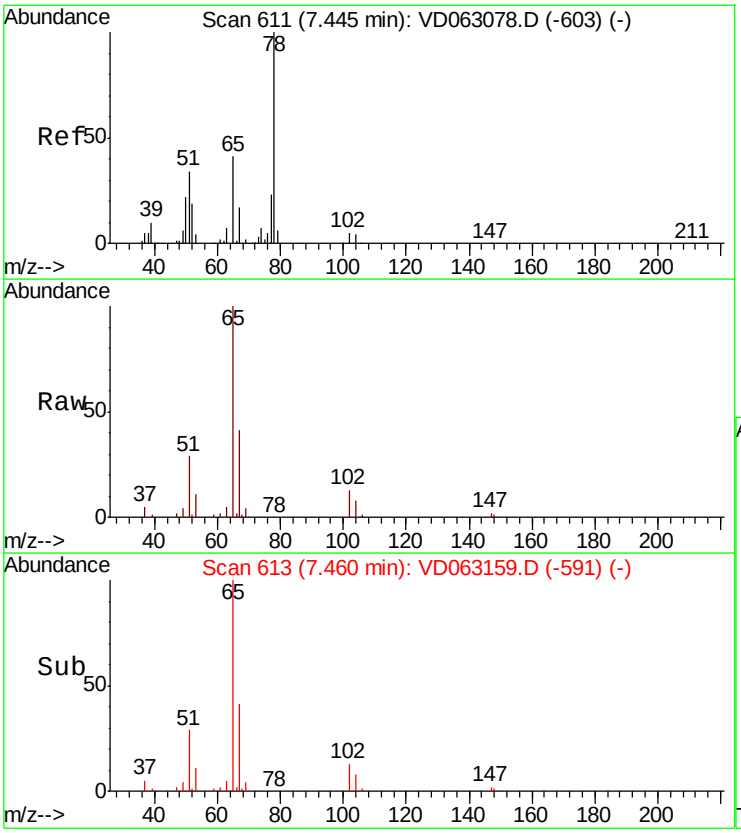
#31
Cyclohexane
Concen: 2.067 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.11 min
Lab File: VD063159.D
Acq: 19 Jul 2019 17:42

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 20007

Ion	Ratio	Lower	Upper
56	100		
69	215.2	25.3	37.9#
84	73.3	64.2	96.4

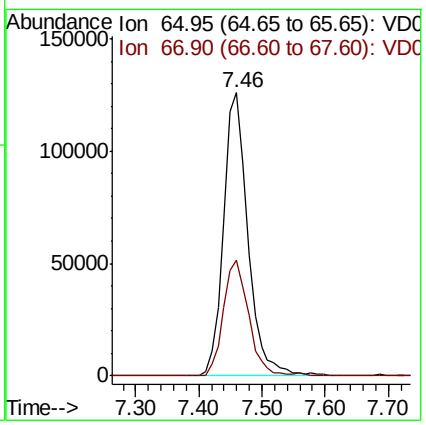


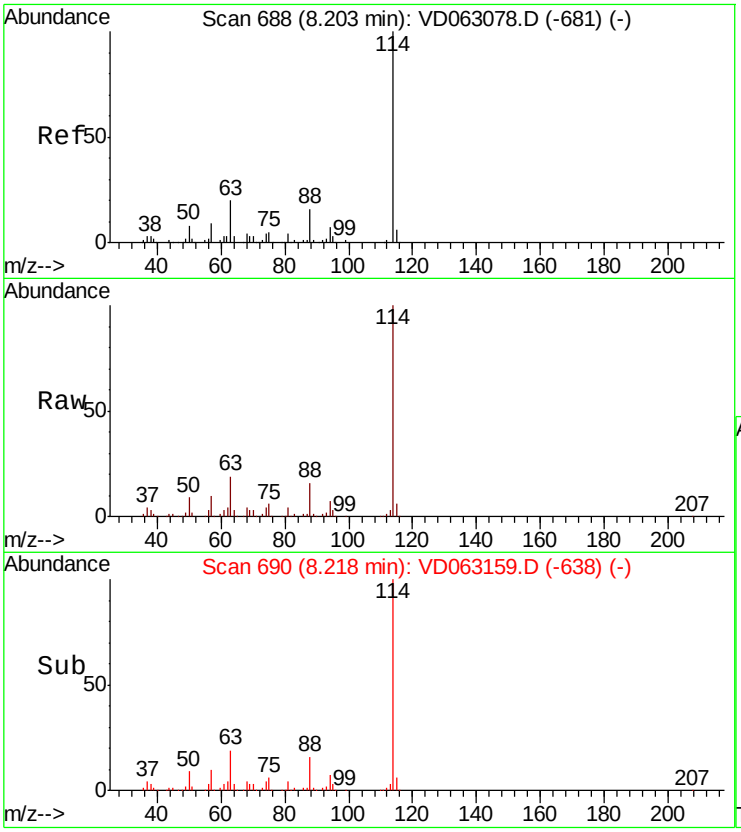


#33
1,2-Dichloroethane-d4
Concen: 33.105 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD063159.D
Acq: 19 Jul 2019 17:42

Tgt Ion: 65 Resp: 336565

Ion	Ratio	Lower	Upper
65	100		
67	41.1	0.0	86.0



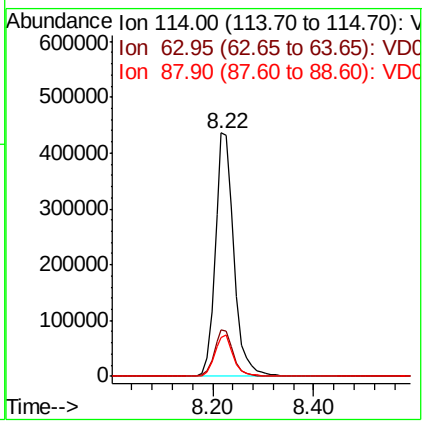


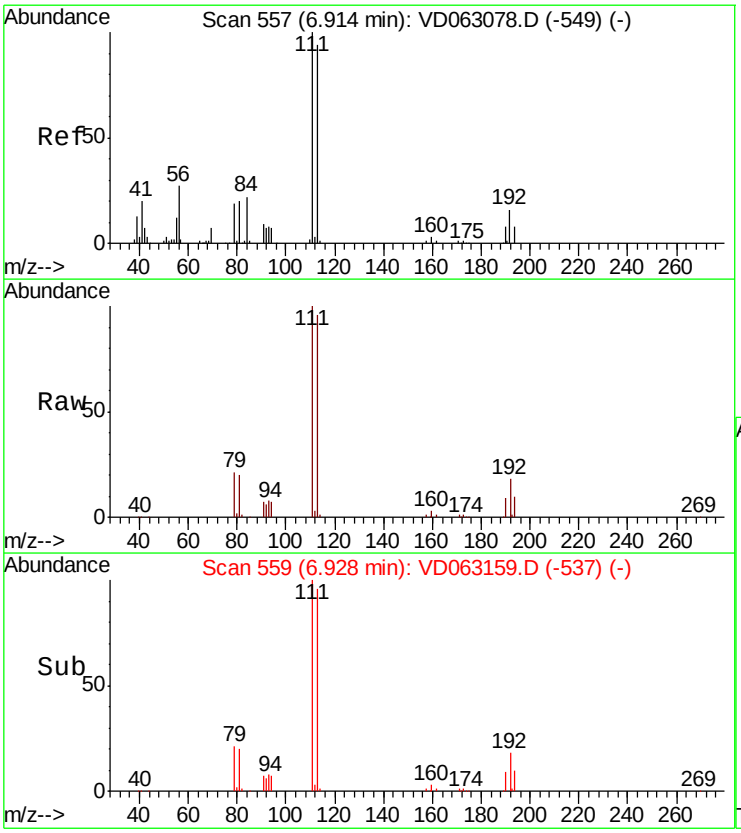
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.01 min
Lab File: VD063159.D
Acq: 19 Jul 2019 17:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 1125474

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	40.6
88	16.1	0.0	32.6

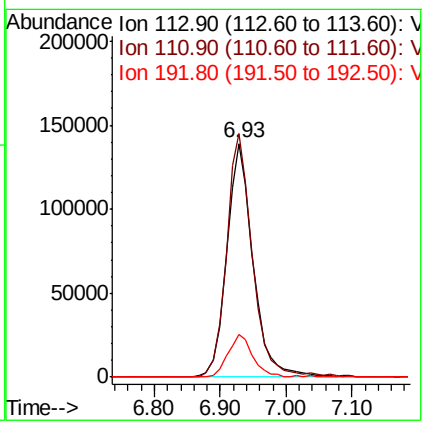


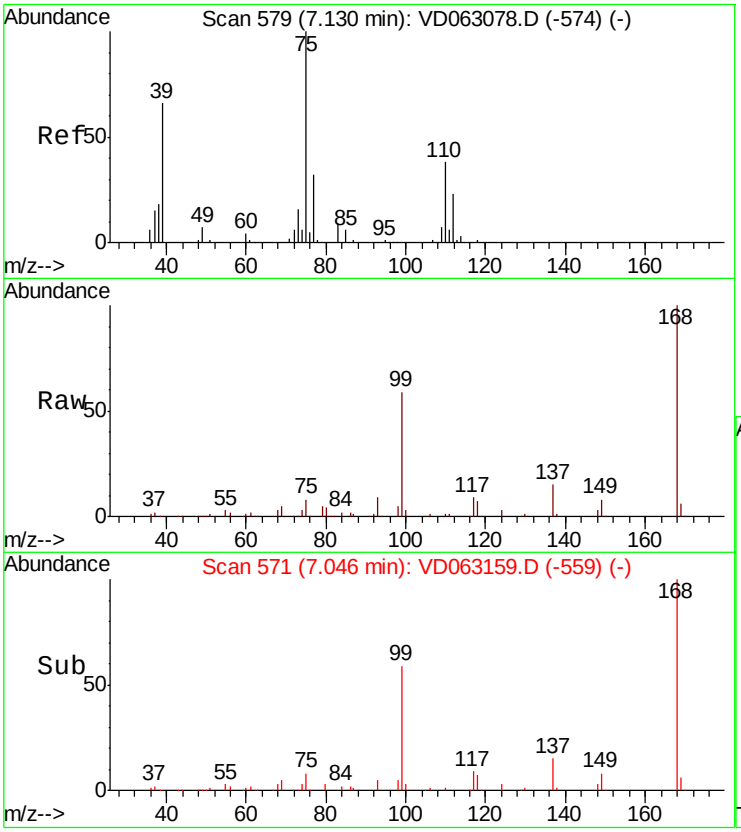


#35
Dibromofluoromethane
Concen: 34.626 ug/l
RT: 6.93 min Scan# 559
Delta R.T. 0.01 min
Lab File: VD063159.D
Acq: 19 Jul 2019 17:42

Tgt Ion:113 Resp: 388155

Ion	Ratio	Lower	Upper
113	100		
111	104.0	84.8	127.2
192	18.3	13.4	20.0



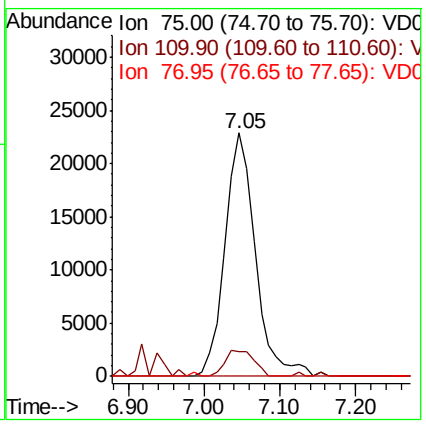


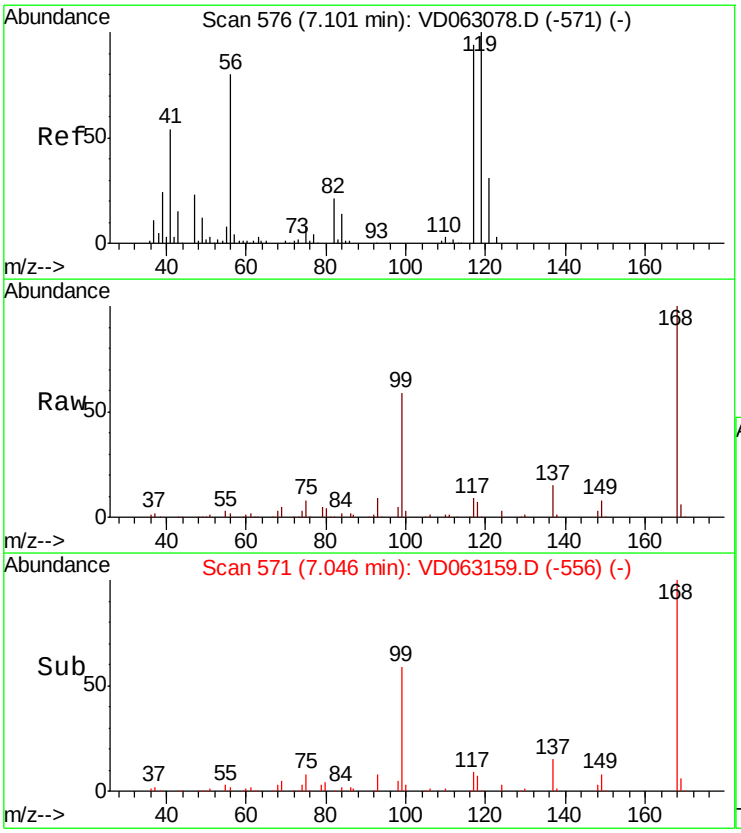
#36
1,1-Dichloropropene
Concen: 5.026 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.08 min
Lab File: VD063159.D
Acq: 19 Jul 2019 17:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 63625

Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.9	56.5#
77	0.0	25.2	37.8#

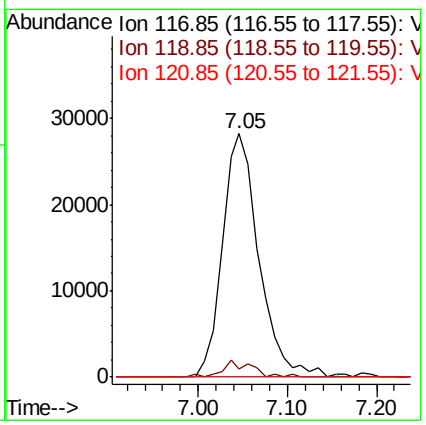


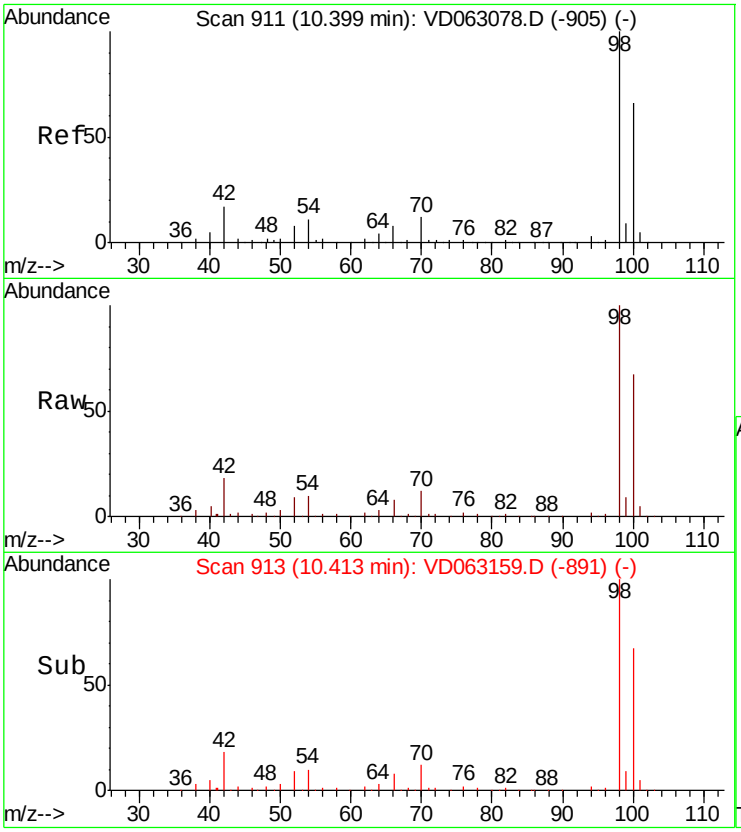


#38
Carbon Tetrachloride
Concen: 4.187 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.05 min
Lab File: VD063159.D
Acq: 19 Jul 2019 17:42

Tgt Ion:117 Resp: 80542

Ion	Ratio	Lower	Upper
117	100		
119	3.2	80.0	120.0#
121	0.0	25.0	37.4#



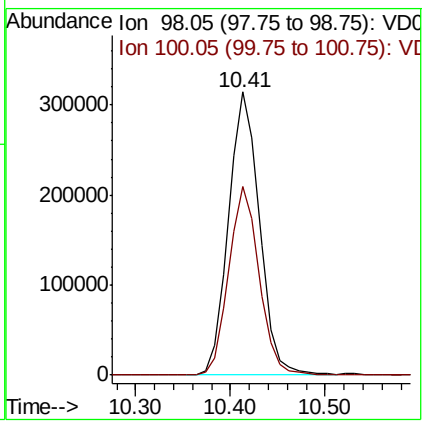


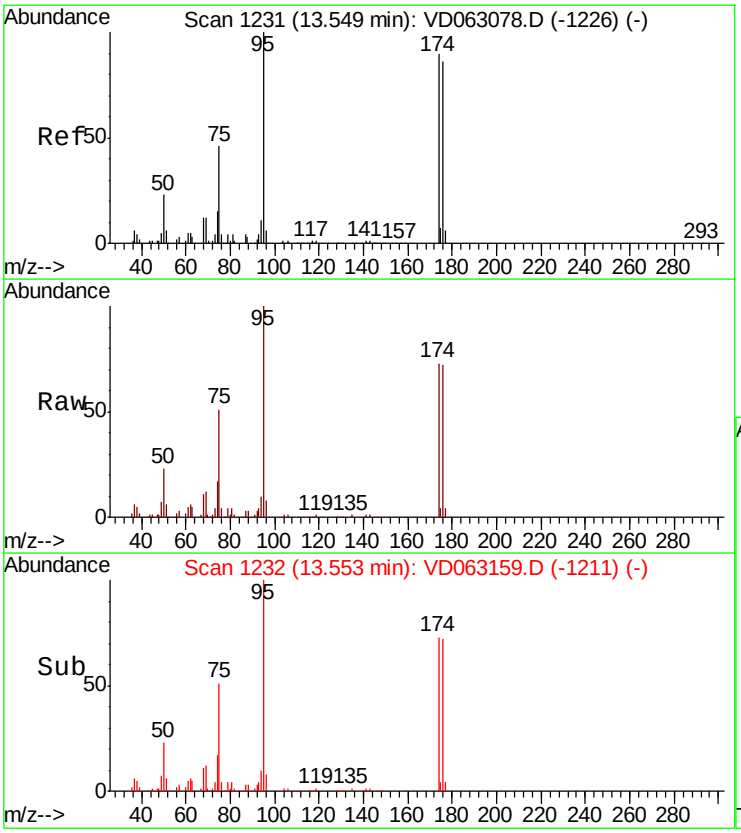
#50
Toluene-d8
Concen: 29.435 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD063159.D
Acq: 19 Jul 2019 17:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 708767

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.5	80.3

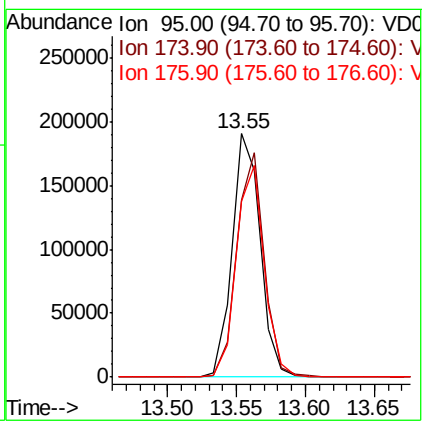


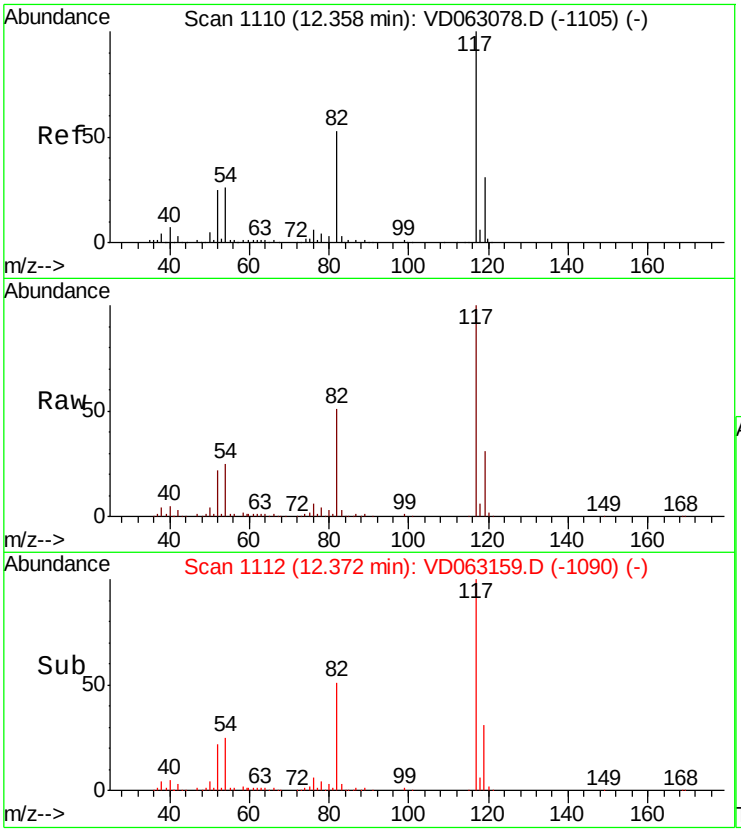


#62
4-Bromofluorobenzene
Concen: 24.290 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063159.D
Acq: 19 Jul 2019 17:42

Tgt Ion: 95 Resp: 270588

Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	180.6
176	71.9	0.0	172.2



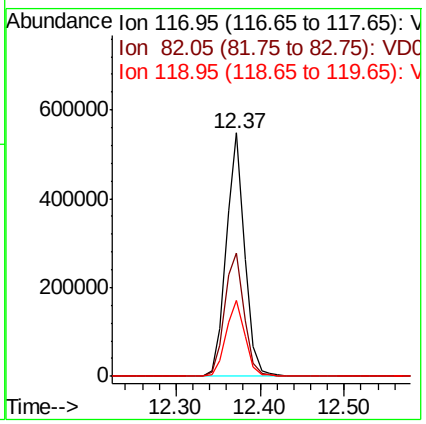


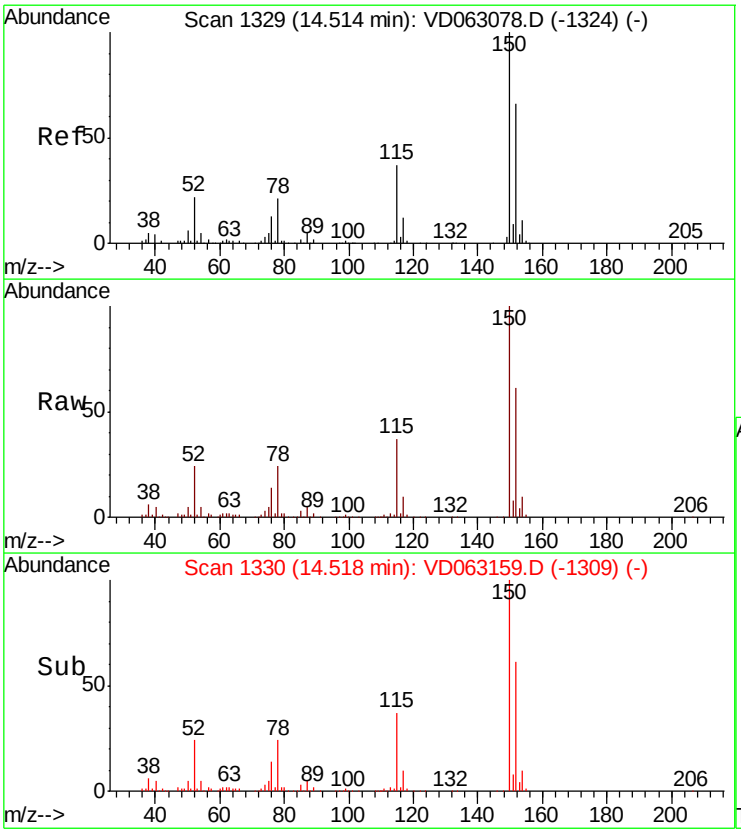
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063159.D
Acq: 19 Jul 2019 17:42

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 829335

Ion	Ratio	Lower	Upper
117	100		
82	50.6	42.3	63.5
119	31.1	25.2	37.8

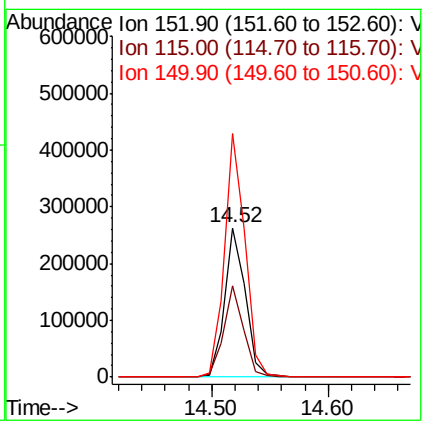


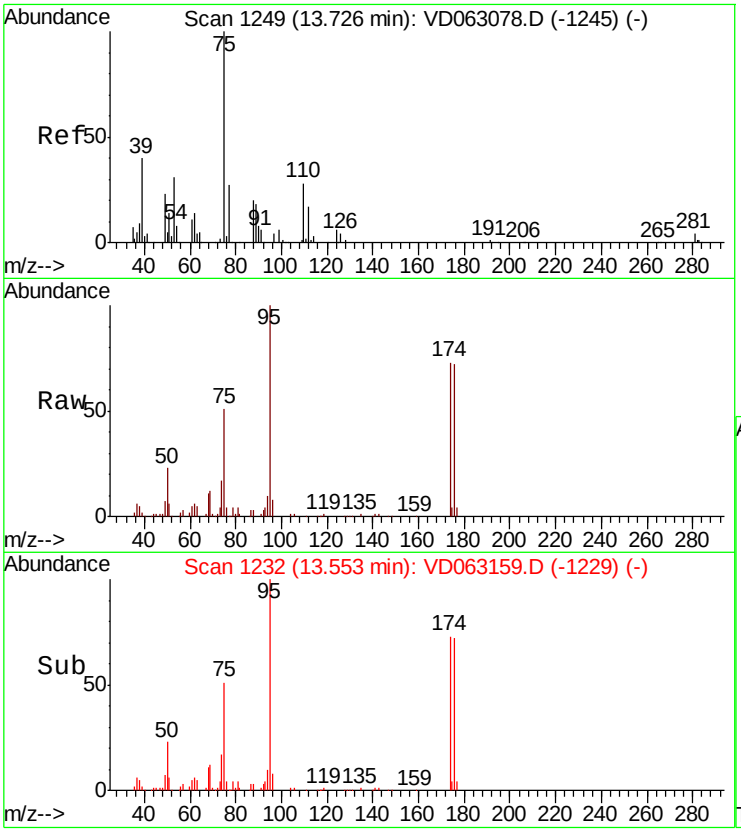


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063159.D
Acq: 19 Jul 2019 17:42

Tgt Ion:152 Resp: 322525

Ion	Ratio	Lower	Upper
152	100		
115	60.8	28.9	86.8
150	162.9	0.0	313.8



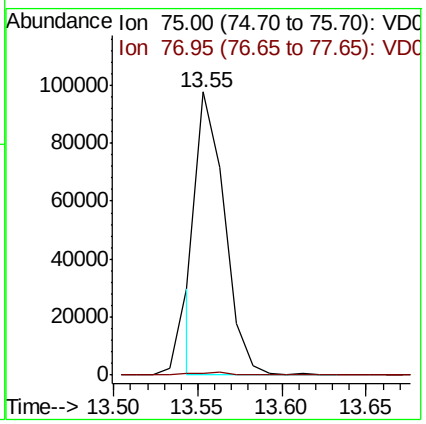


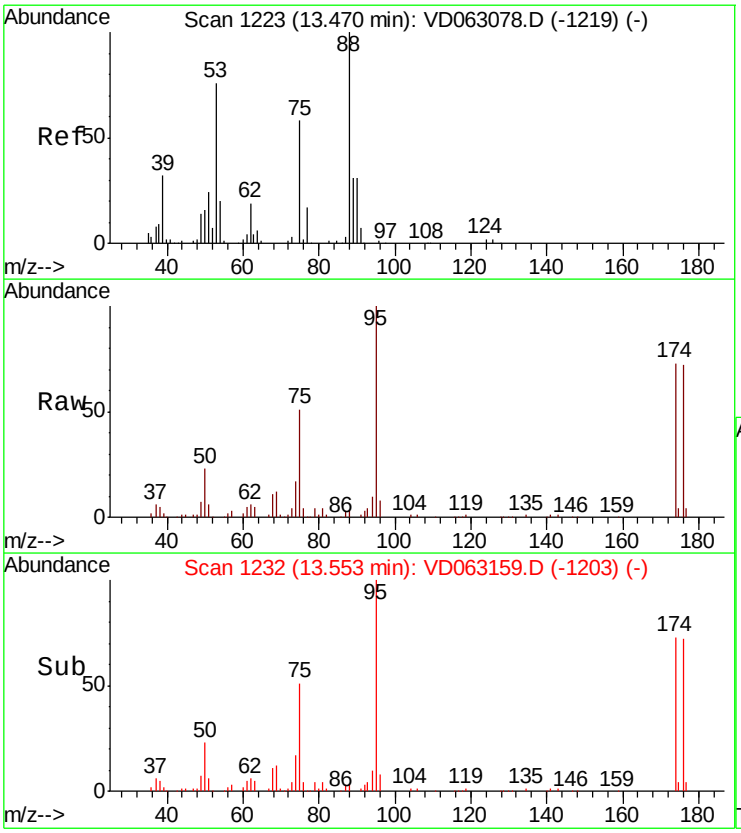
#76
1,2,3-Trichloropropane
Concen: 22.789 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.17 min
Lab File: VD063159.D
Acq: 19 Jul 2019 17:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 113066

Ion	Ratio	Lower	Upper
75	100		
77	1.3	16.3	48.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 101.033 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD063159.D
Acq: 19 Jul 2019 17:42

Tgt Ion: 75 Resp: 132001

Ion	Ratio	Lower	Upper
75	100		
53	0.0	104.4	156.6#
89	0.0	43.1	64.7#