Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072219\
Data File : VD063182.D
Acq On : 22 Jul 2019 17:37
Operator : VA/AP
Sample : K3840-02
Misc : 4.88g/5ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FK-SF-02-005-A

Quant Time: Jul 23 07:50:44 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	572727	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	872076	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	454656	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	122789	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	436098	61.13	ug/l	0.02
Spiked Amount 50.000			Recovery = 122.26%			
35) Dibromofluoromethane	7.04	113	956	0.11	ug/l	0.13
Spiked Amount 50.000			Recovery = 0.22%			
50) Toluene-d8	10.42	98	683509	36.63	ug/l	0.02
Spiked Amount 50.000			Recovery = 73.26%			
62) 4-Bromofluorobenzene	13.56	95	177118	20.52	ug/l	0.01
Spiked Amount 50.000			Recovery = 41.04%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	184	Below Cal	#	43
3) Chloromethane	1.75	50	636	Below Cal	#	48
5) Bromomethane	2.11	94	1653	Below Cal	#	13
11) Tert butyl alcohol	4.07	59	907	2.203	ug/l #	77
13) Acrolein	3.01	56	205	1.650	ug/l #	17
16) Acetone	3.22	43	102869	59.698	ug/l	93
18) Methyl Acetate	3.67	43	799	Below Cal	#	63
20) Methylene Chloride	3.82	84	16822	2.584	ug/l #	89
31) Cyclohexane	7.05	56	11549	1.700	ug/l #	6
36) 1,1-Dichloropropene	7.04	75	43046	4.389	ug/l #	48
38) Carbon Tetrachloride	7.05	117	54827	3.679	ug/l #	14
51) 4-Methyl-2-Pentanone	10.41	43	5492	1.376	ug/l #	1
52) Toluene	10.52	92	18264	1.331	ug/l	83
55) 1,1,2-Trichloroethane	11.10	97	5976	1.261	ug/l #	17
74) N-amyl acetate	13.31	43	4236	1.602	ug/l #	1
76) 1,2,3-Trichloropropane	13.56	75	83671	44.297	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.94	105	36409	4.405	ug/l	91
81) trans-1,4-Dichloro-2-buten	13.56	75	87377	175.666	ug/l #	1

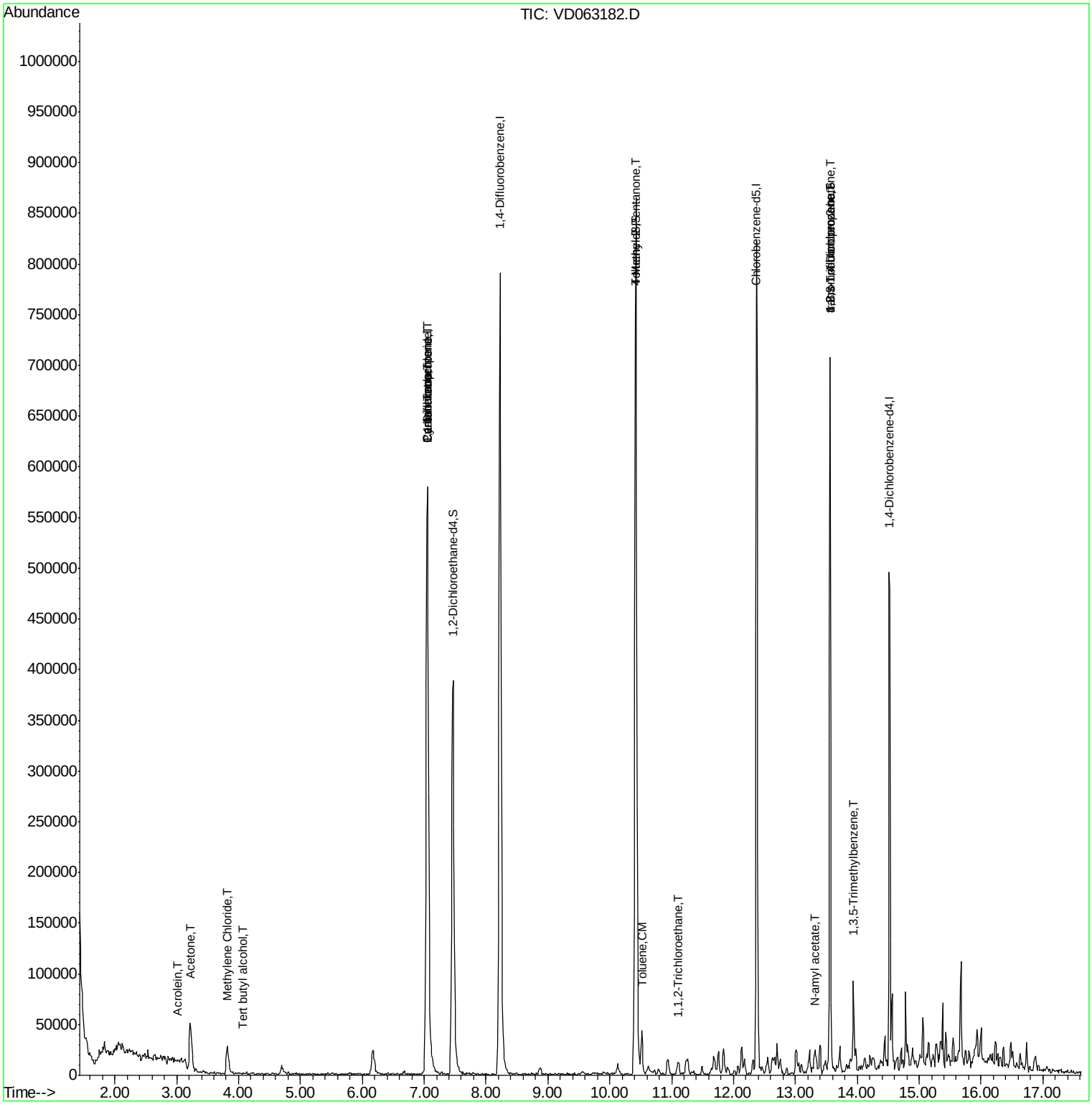
(#) = qualifier out of range (m) = manual integration (+) = signals summed

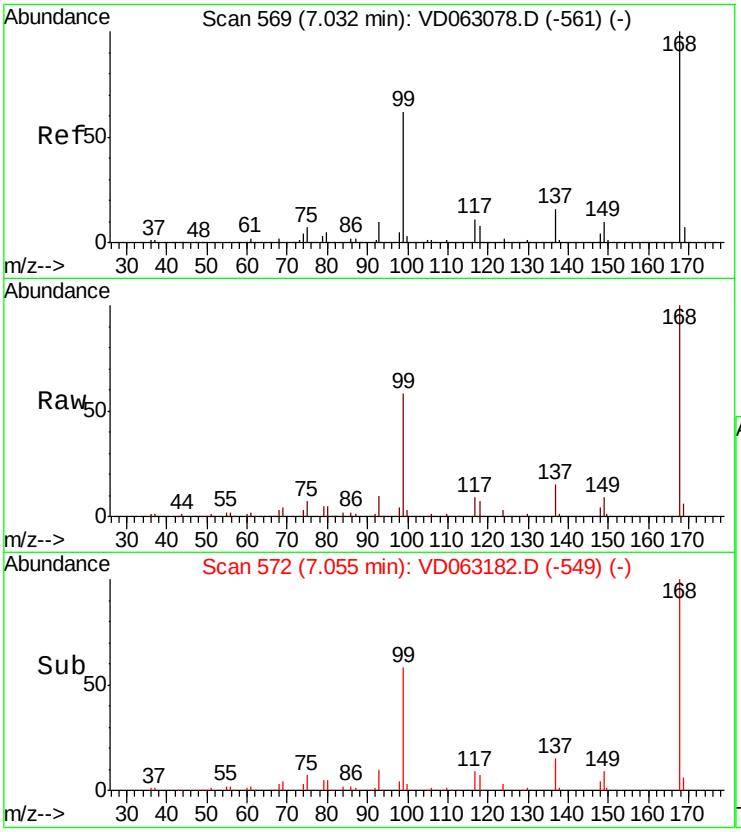
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072219\
Data File : VD063182.D
Acq On : 22 Jul 2019 17:37
Operator : VA/AP
Sample : K3840-02
Misc : 4.88g/5ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-02-005-A

Quant Time: Jul 23 07:50:44 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



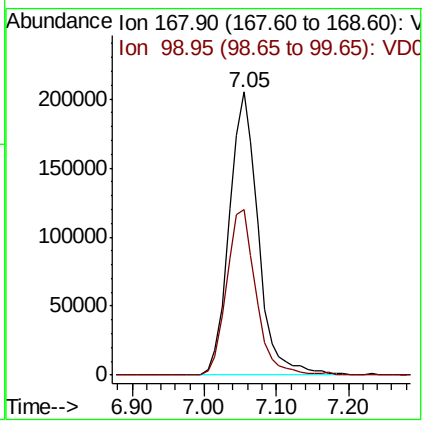


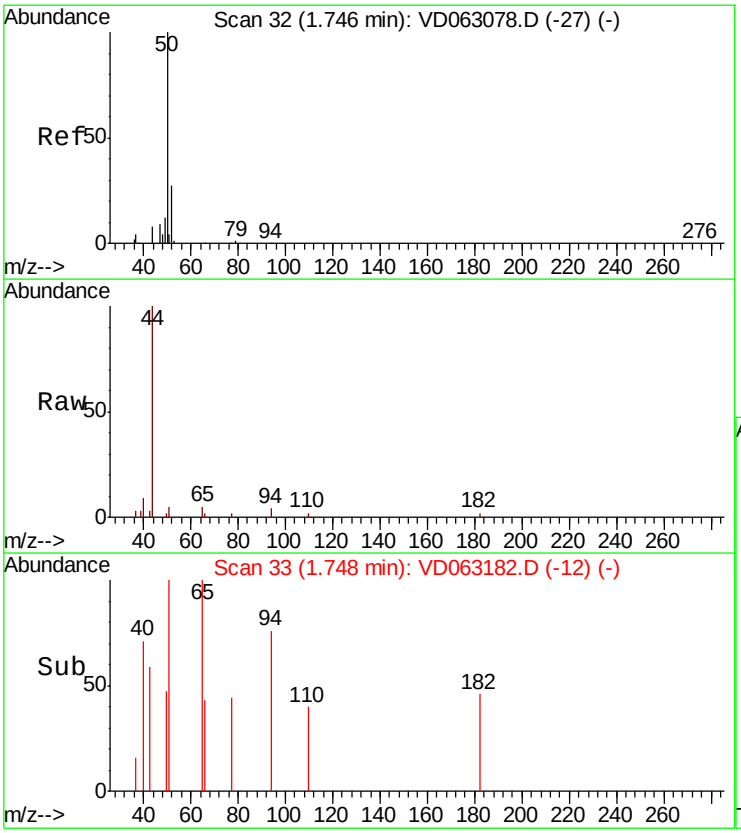
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.02 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-02-005-A

Tgt Ion:168 Resp: 572727

Ion	Ratio	Lower	Upper
168	100		
99	58.5	50.8	76.2

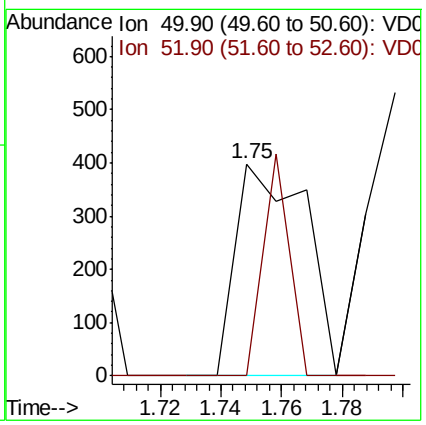


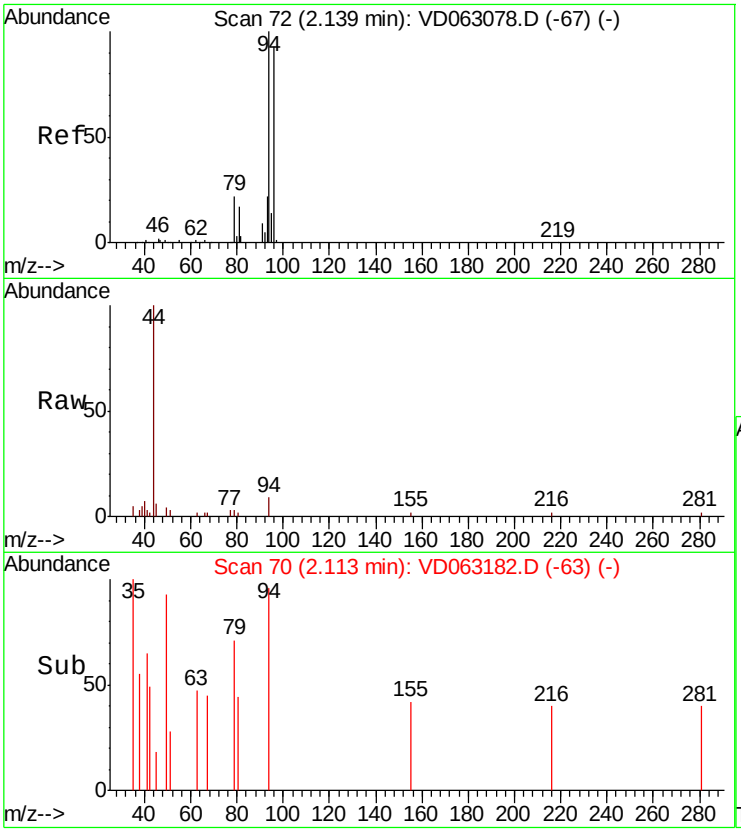


#3
Chloromethane
Concen: Below Cal
RT: 1.75 min Scan# 33
Delta R.T. 0.00 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Tgt Ion: 50 Resp: 636

Ion	Ratio	Lower	Upper
50	100		
52	0.0	21.4	32.2#



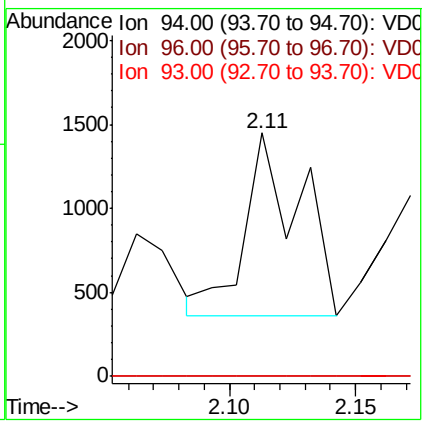


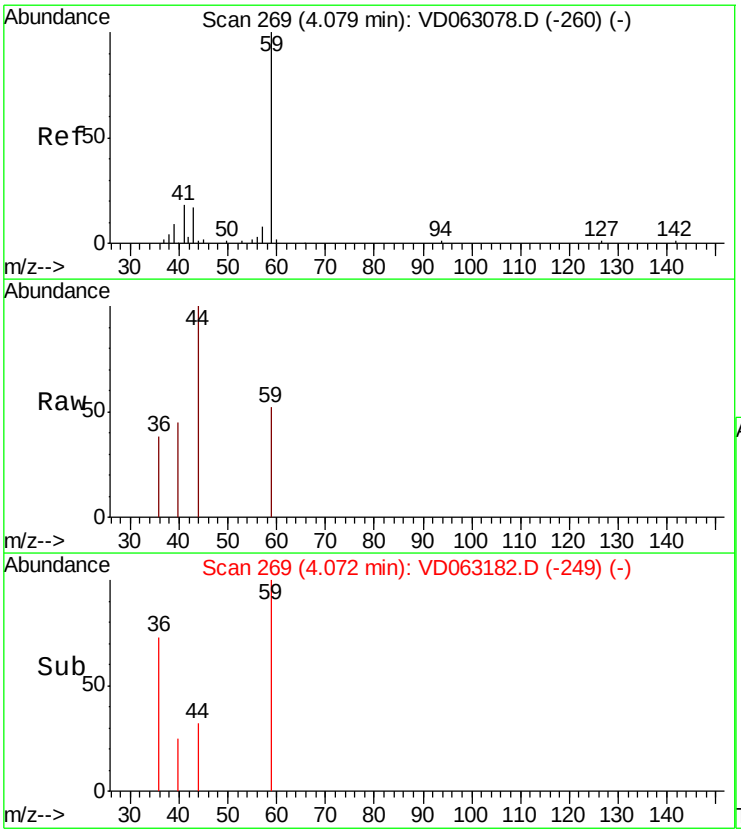
#5
Bromomethane
Concen: Below Cal
RT: 2.11 min Scan# 70
Delta R.T. -0.03 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Instrument : MSVOA_D
ClientSampleId : FK-SF-02-005-A

Tgt Ion: 94 Resp: 1653

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

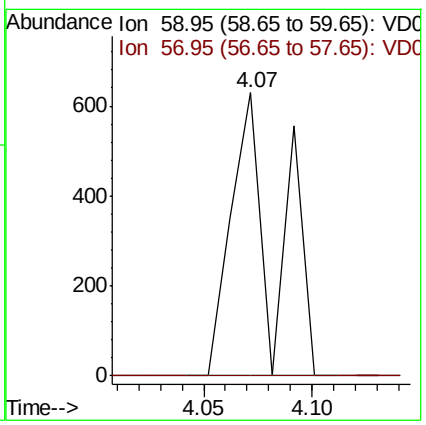


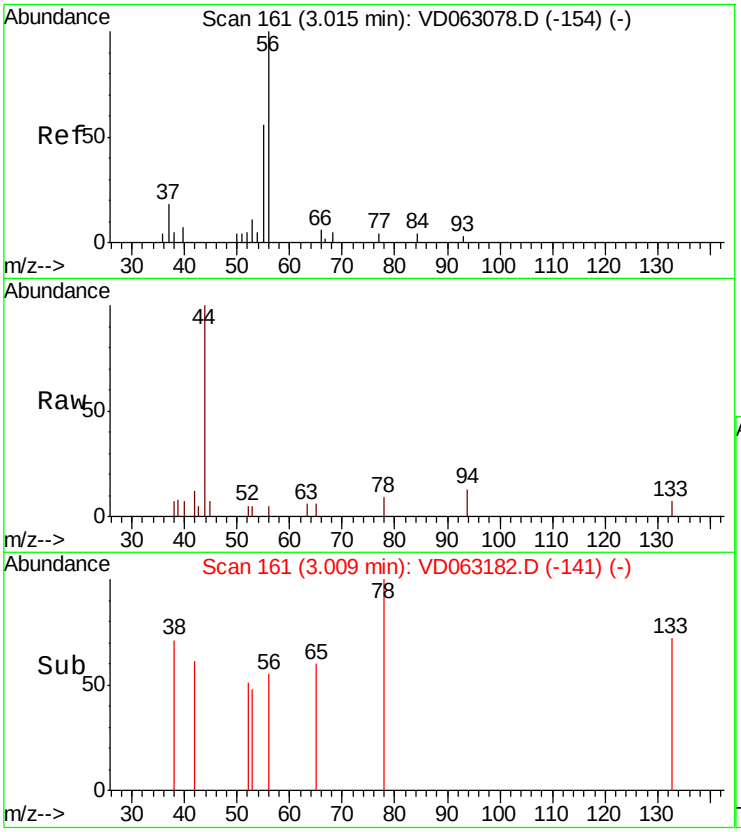


#11
Tert butyl alcohol
Concen: 2.203 ug/l
RT: 4.07 min Scan# 269
Delta R.T. -0.01 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Tgt Ion: 59 Resp: 907

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#



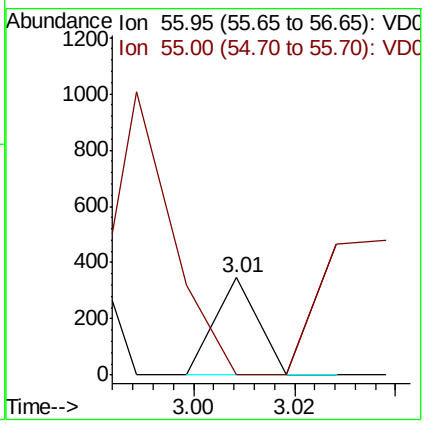


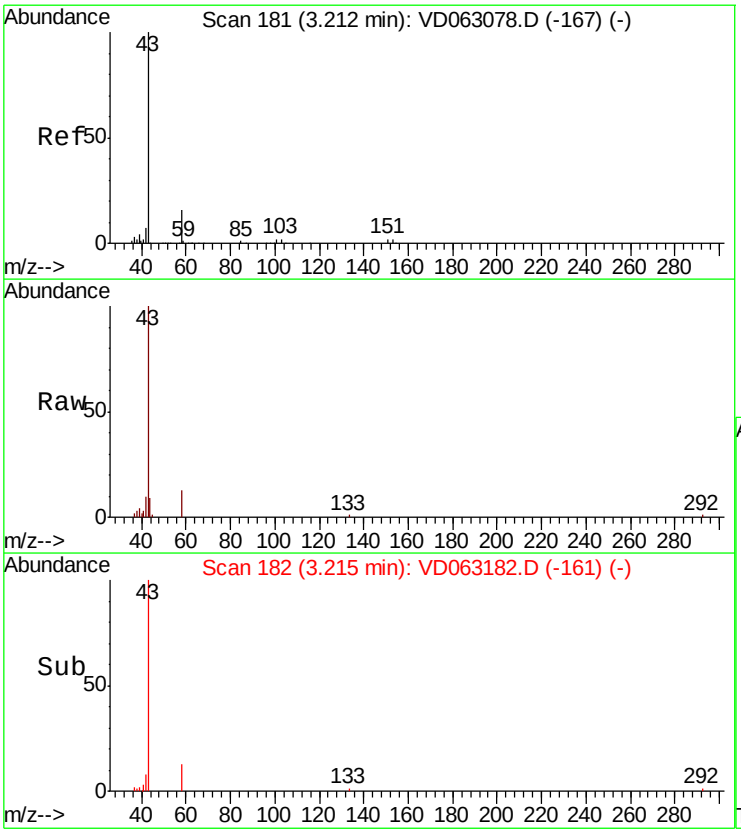
#13
Acrolein
Concen: 1.650 ug/l
RT: 3.01 min Scan# 161
Delta R.T. -0.01 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-02-005-A

Tgt Ion: 56 Resp: 205

Ion	Ratio	Lower	Upper
56	100		
55	0.0	53.0	79.4#

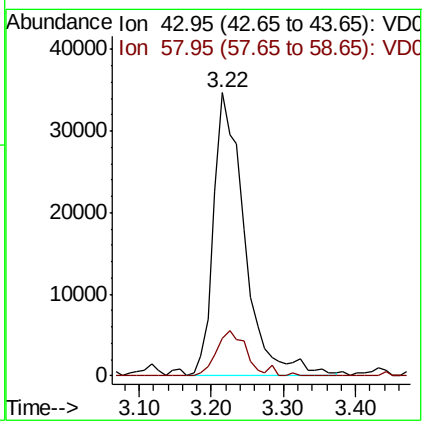


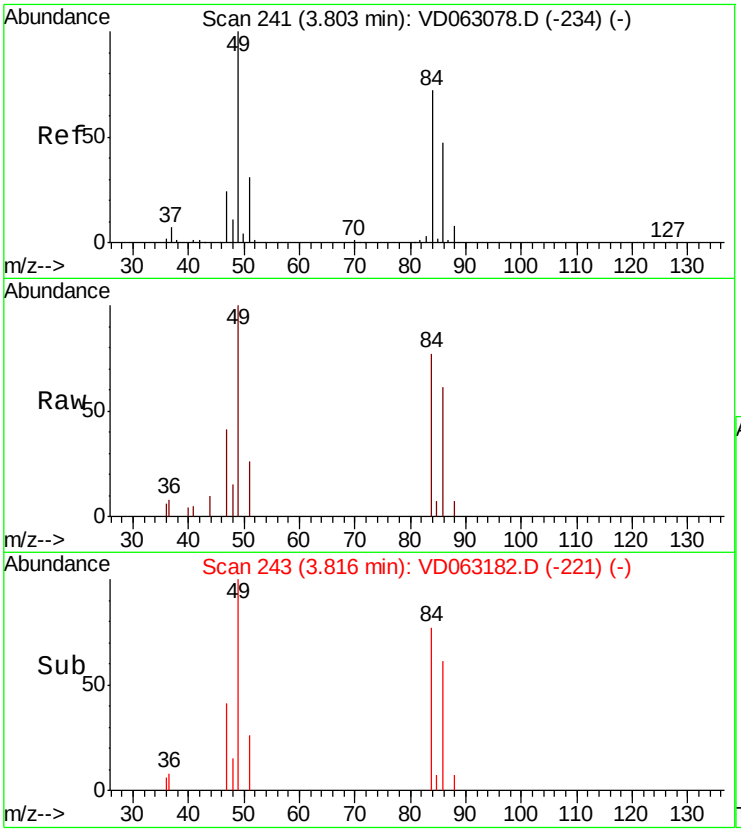


#16
Acetone
Concen: 59.698 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.00 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Tgt Ion: 43 Resp: 102869

Ion	Ratio	Lower	Upper
43	100		
58	13.2	13.0	19.4



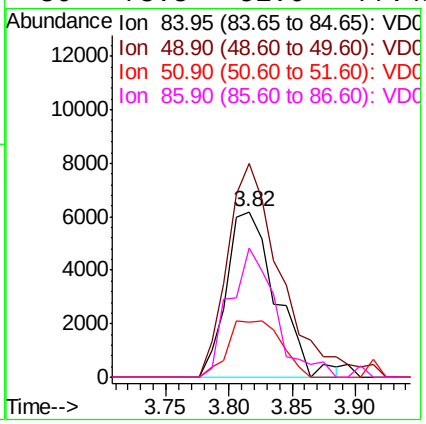


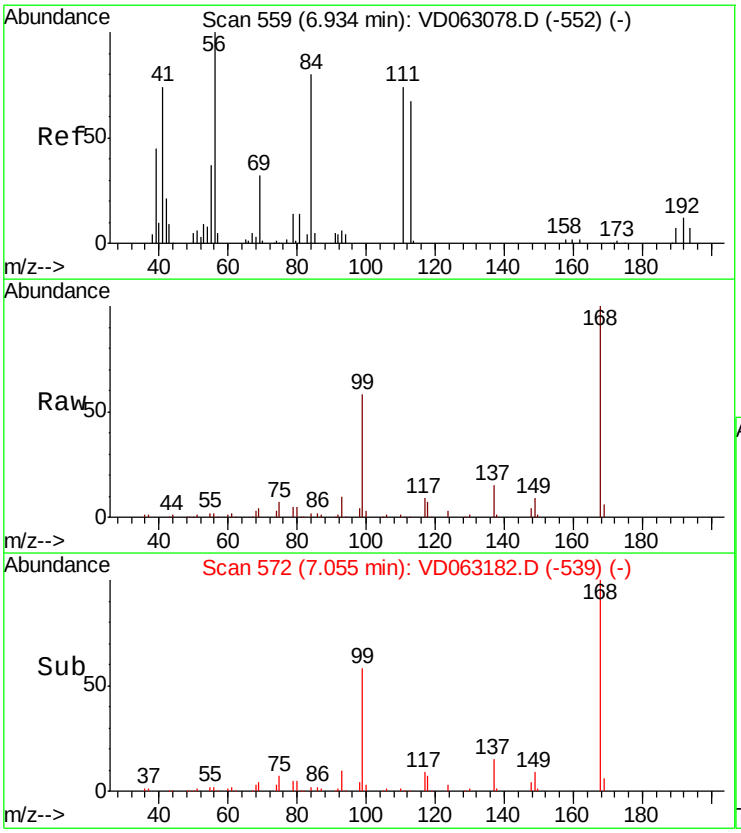
#20
Methylene Chloride
Concen: 2.584 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Instrument : MSVOA_D
ClientSampleId : FK-SF-02-005-A

Tgt Ion: 84 Resp: 16822

Ion	Ratio	Lower	Upper
84	100		
49	129.2	110.5	165.7
51	33.4	34.6	51.8#
86	78.3	51.6	77.4#

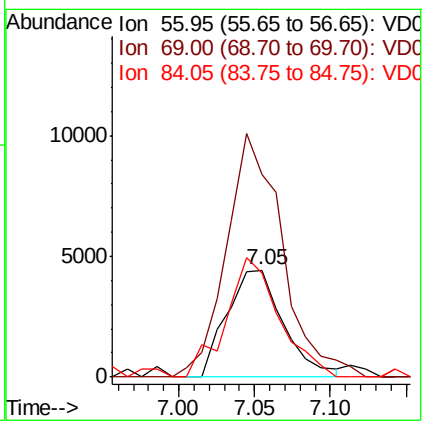


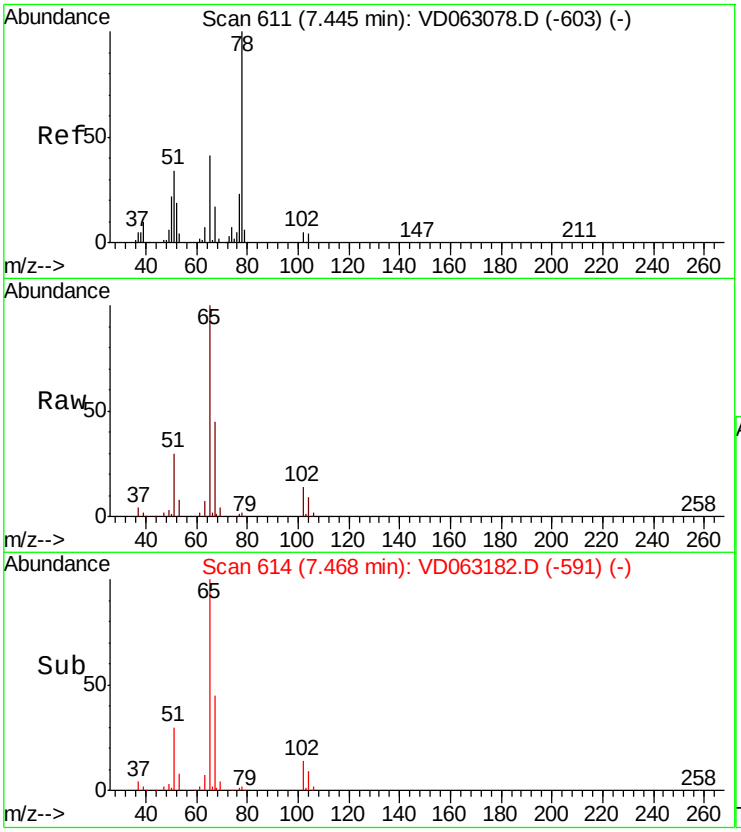


#31
Cyclohexane
Concen: 1.700 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.12 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Tgt Ion: 56 Resp: 11549

Ion	Ratio	Lower	Upper
56	100		
69	189.4	25.3	37.9#
84	96.7	64.2	96.4#



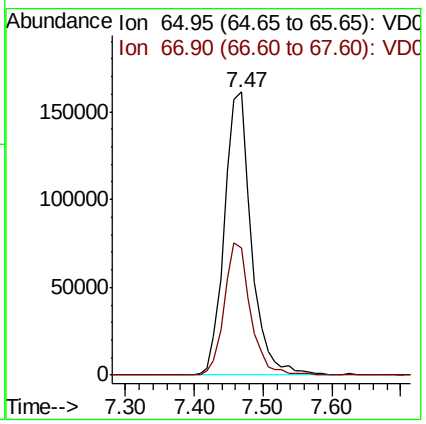


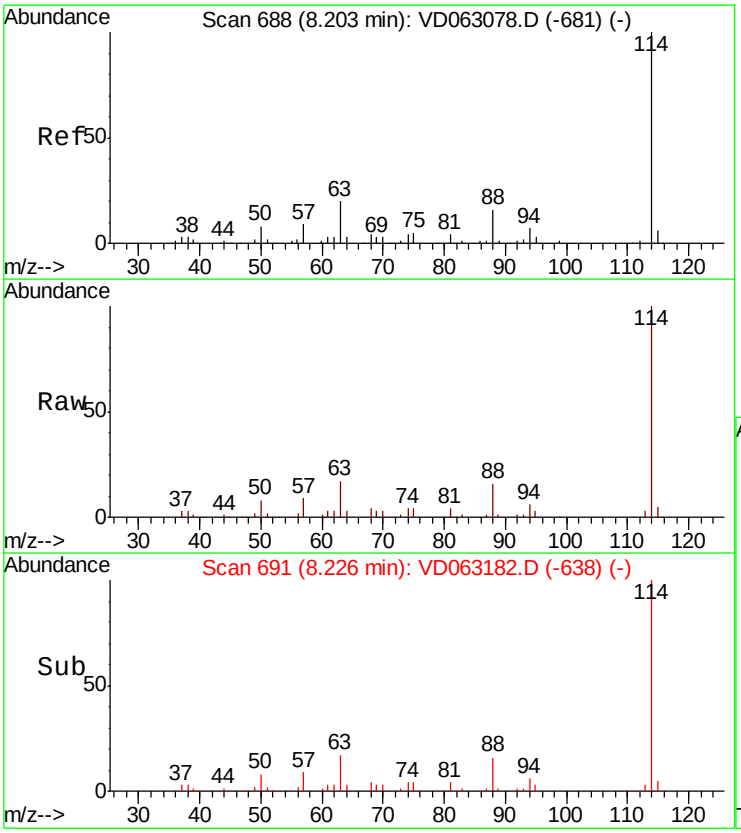
#33
1,2-Dichloroethane-d4
Concen: 61.126 ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.02 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Instrument : MSVOA_D
ClientSampleId : FK-SF-02-005-A

Tgt Ion: 65 Resp: 436098

Ion	Ratio	Lower	Upper
65	100		
67	44.8	0.0	86.0

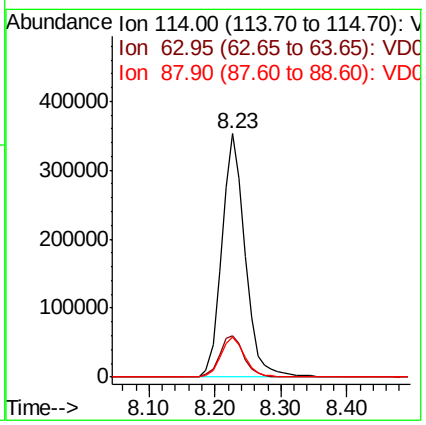


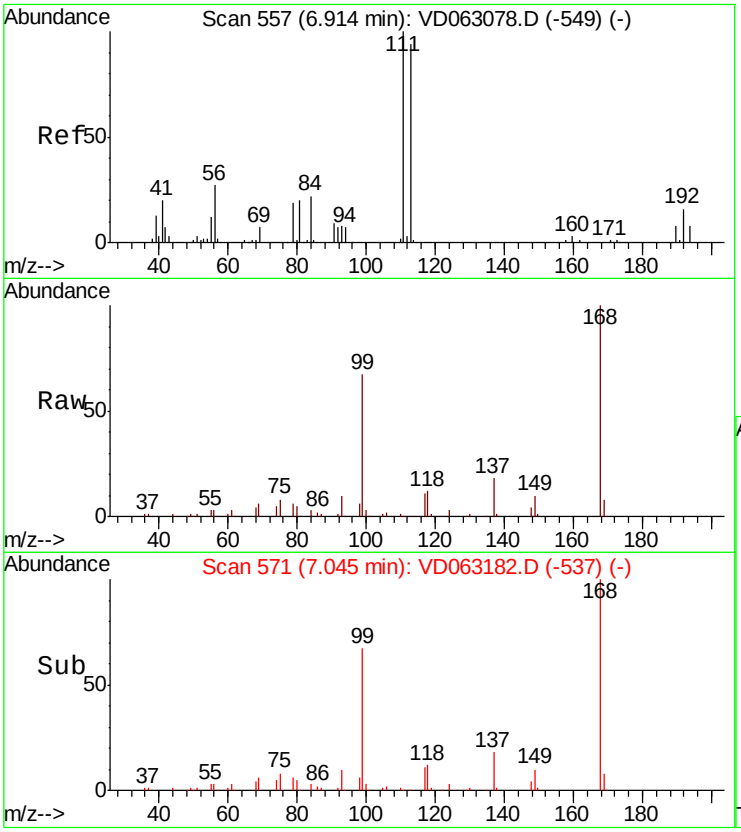


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.02 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Tgt Ion:114 Resp: 872076

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	40.6
88	16.4	0.0	32.6



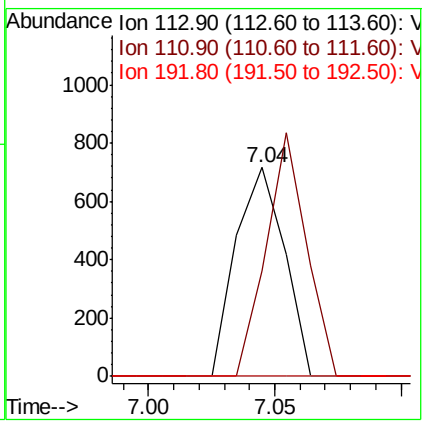


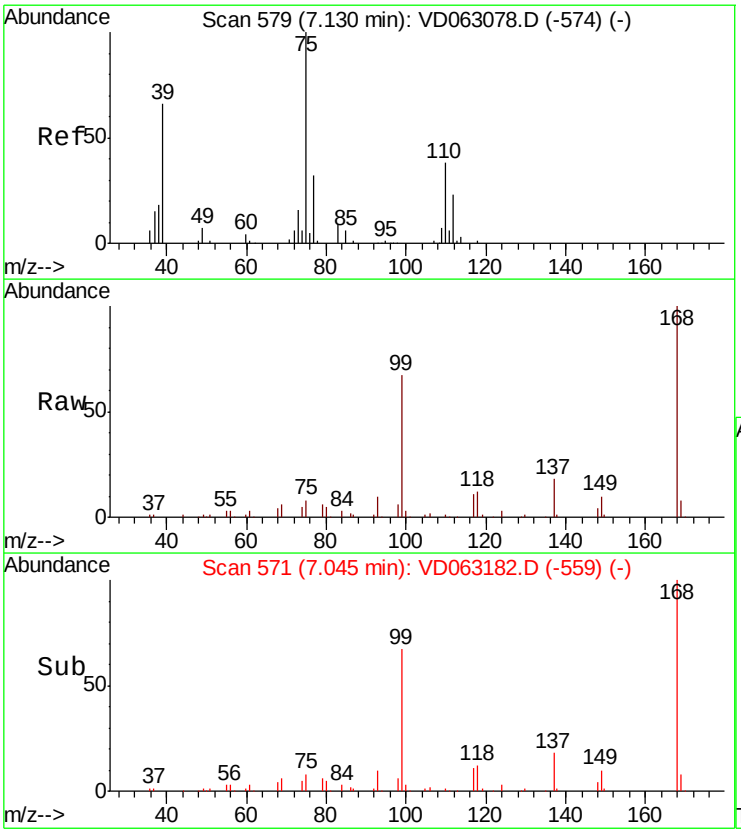
#35
Dibromofluoromethane
Concen: 0.110 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.13 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-02-005-A

Tgt Ion:113 Resp: 956

Ion	Ratio	Lower	Upper
113	100		
111	50.4	84.8	127.2#
192	0.0	13.4	20.0#

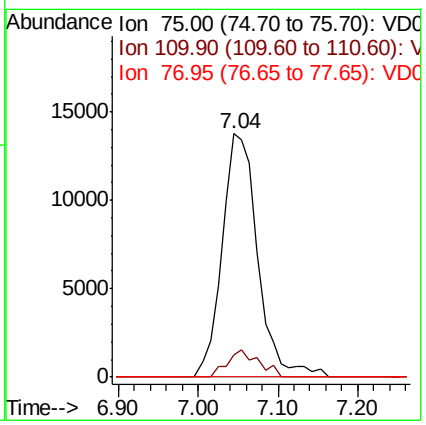


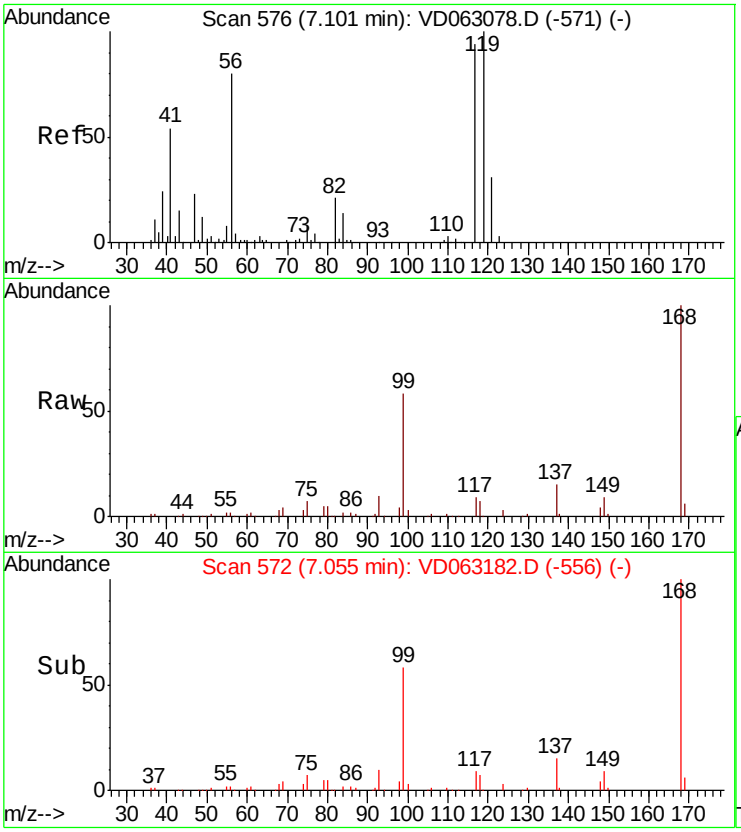


#36
1,1-Dichloropropene
Concen: 4.389 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.09 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Tgt Ion: 75 Resp: 43046

Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.9	56.5#
77	0.0	25.2	37.8#



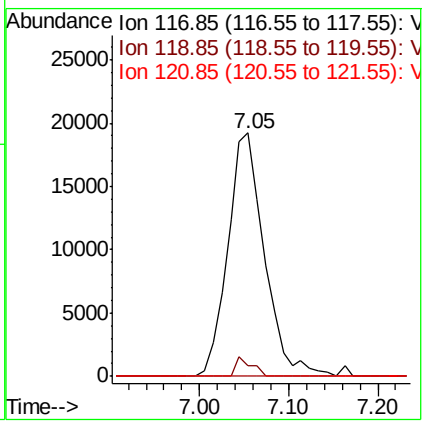


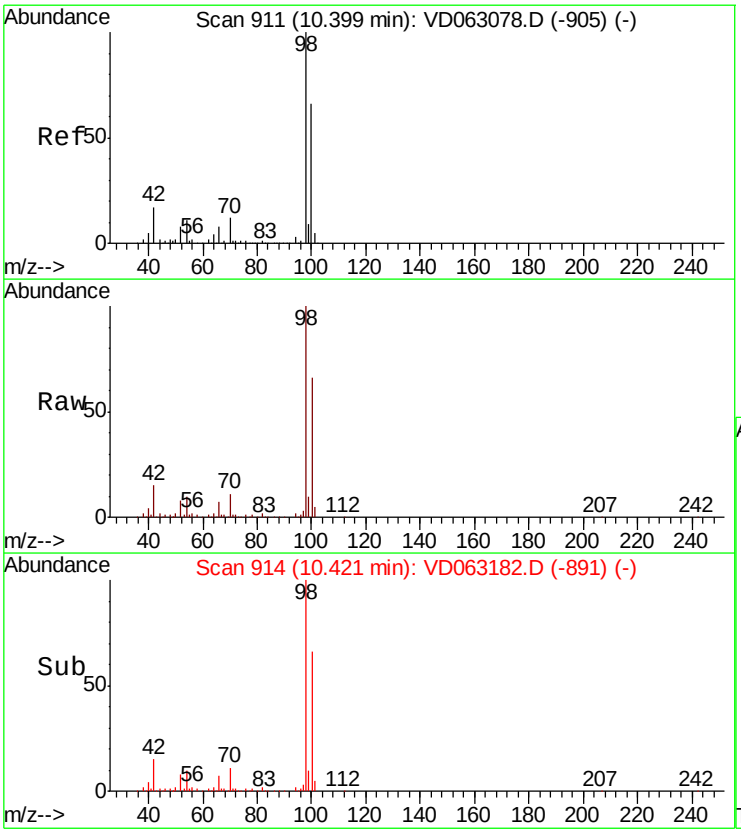
#38
Carbon Tetrachloride
Concen: 3.679 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.05 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Instrument : MSVOA_D
ClientSampleId : FK-SF-02-005-A

Tgt Ion:117 Resp: 54827

Ion	Ratio	Lower	Upper
117	100		
119	4.4	80.0	120.0#
121	0.0	25.0	37.4#

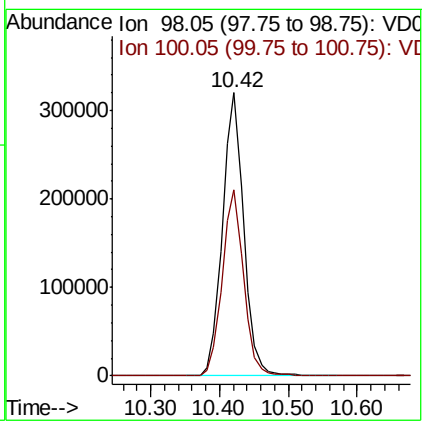


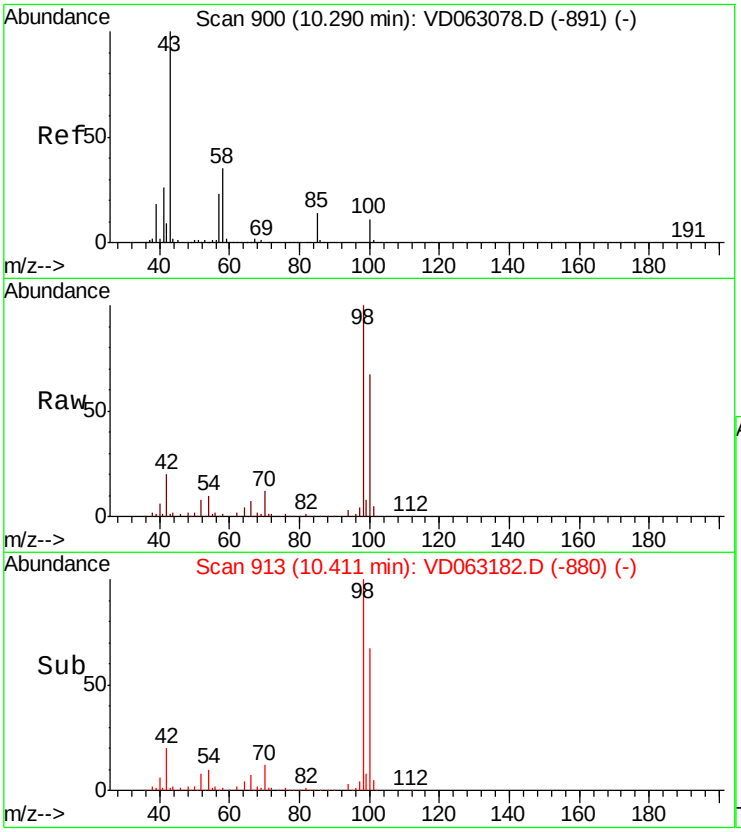


#50
Toluene-d8
Concen: 36.634 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Tgt Ion: 98 Resp: 683509

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.5	80.3



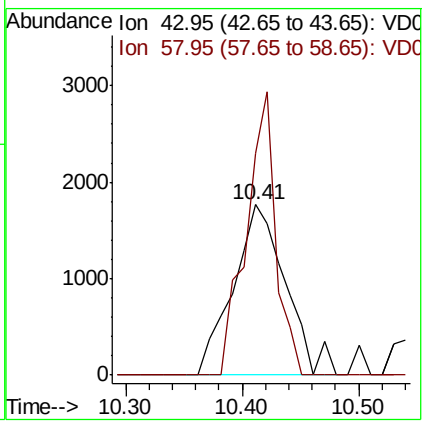


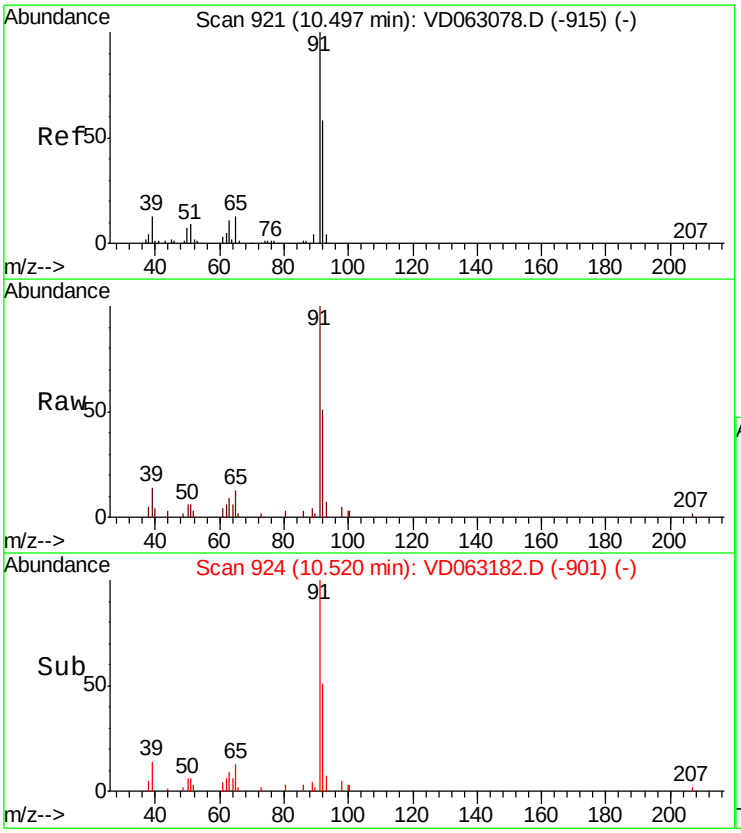
#51
4-Methyl-2-Pentanone
Concen: 1.376 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.12 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Instrument : MSVOA_D
ClientSampleId : FK-SF-02-005-A

Tgt Ion: 43 Resp: 5492

Ion	Ratio	Lower	Upper
43	100		
58	130.3	27.8	41.6#

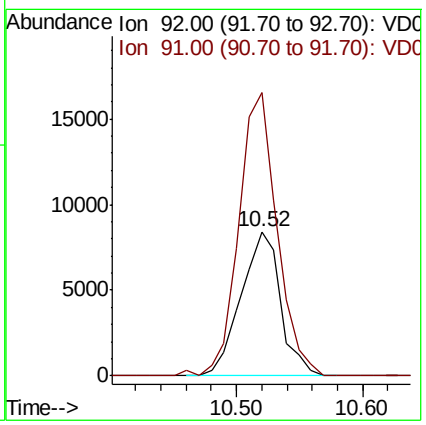


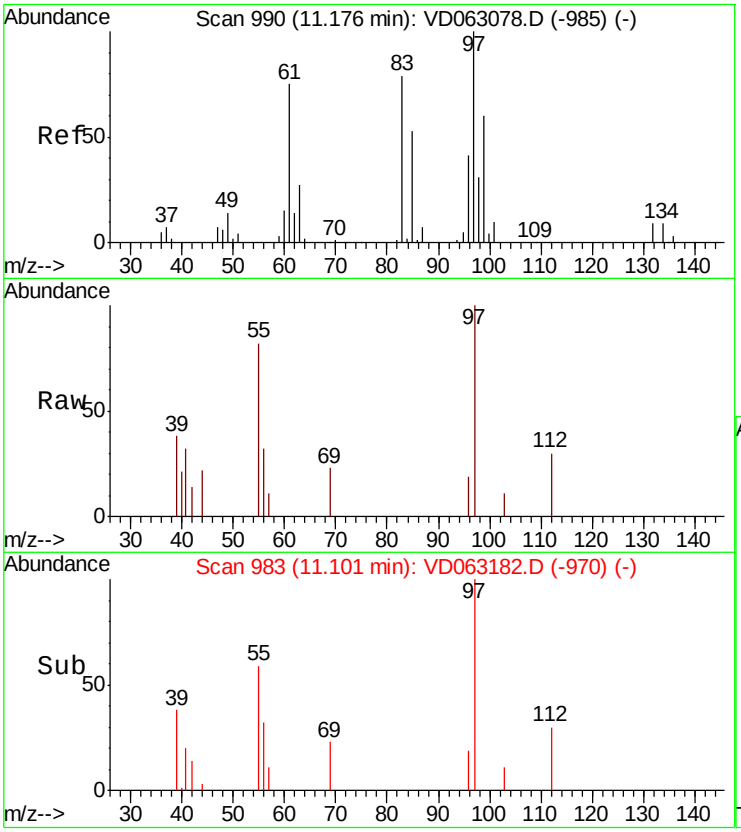


#52
Toluene
Concen: 1.331 ug/l
RT: 10.52 min Scan# 924
Delta R.T. 0.02 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Tgt Ion: 92 Resp: 18264

Ion	Ratio	Lower	Upper
92	100		
91	195.9	137.9	206.9



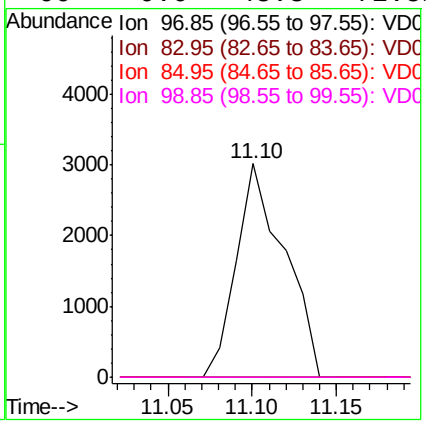


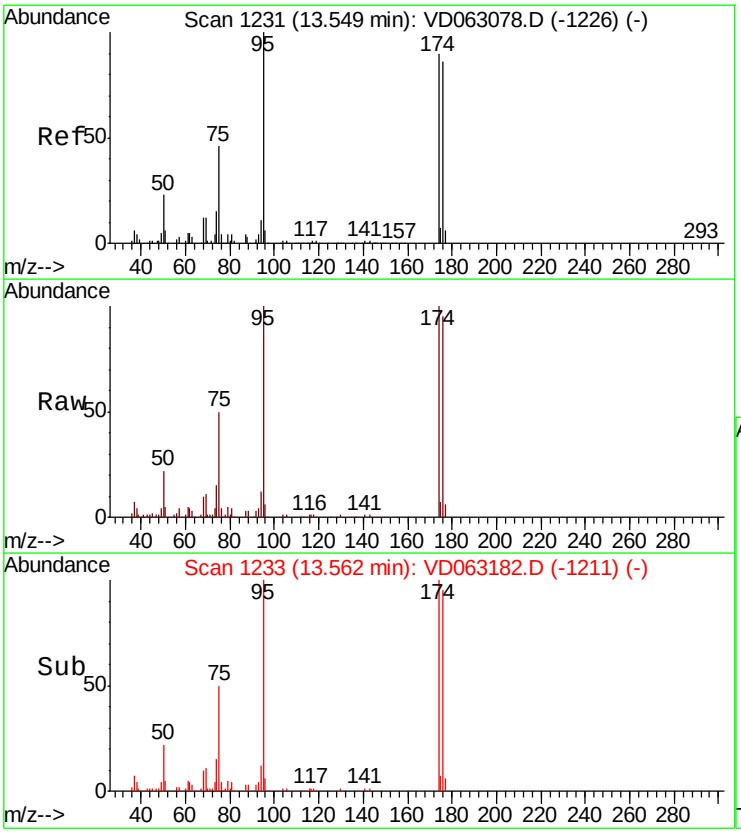
#55
1,1,2-Trichloroethane
Concen: 1.261 ug/l
RT: 11.10 min Scan# 983
Delta R.T. -0.08 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-02-005-A

Tgt Ion: 97 Resp: 5976

Ion	Ratio	Lower	Upper
97	100		
83	0.0	63.2	94.8#
85	0.0	42.0	63.0#
99	0.0	48.3	72.5#

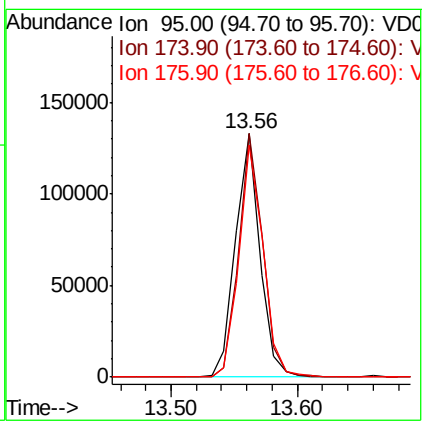


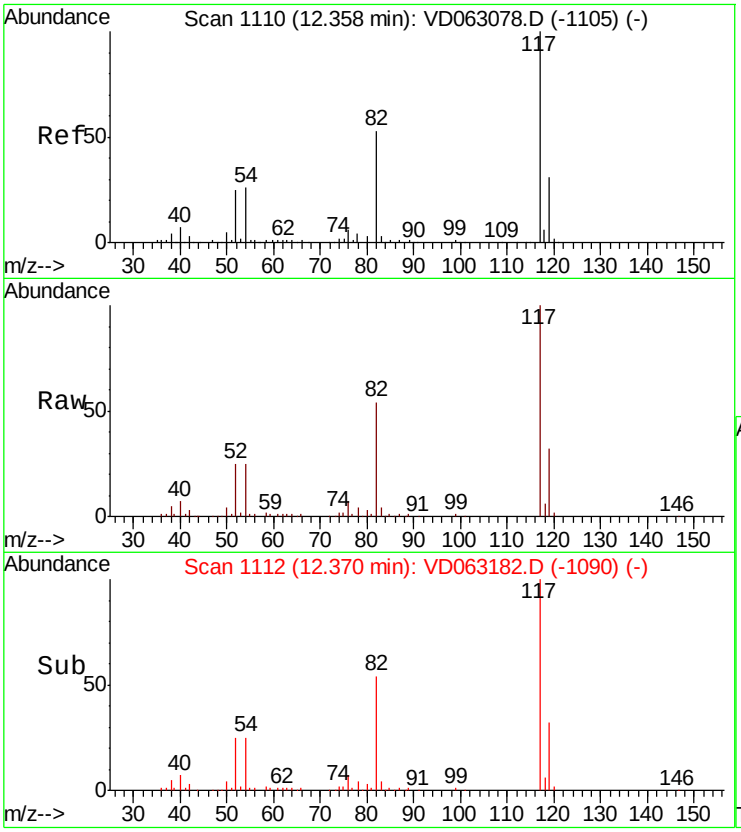


#62
4-Bromofluorobenzene
Concen: 20.519 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Tgt Ion: 95 Resp: 177118

Ion	Ratio	Lower	Upper
95	100		
174	100.0	0.0	180.6
176	95.3	0.0	172.2



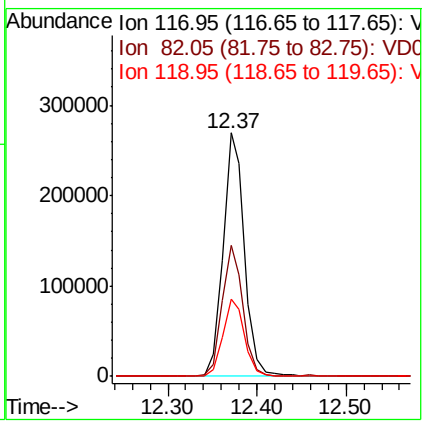


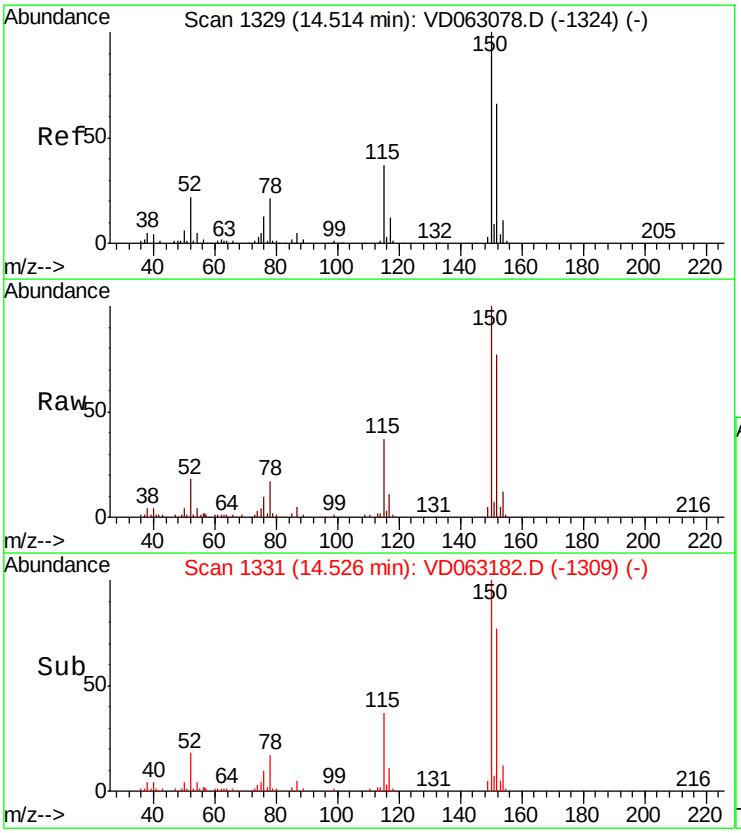
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Instrument : MSVOA_D
ClientSampleId : FK-SF-02-005-A

Tgt Ion:117 Resp: 454656

Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.3	63.5
119	31.5	25.2	37.8

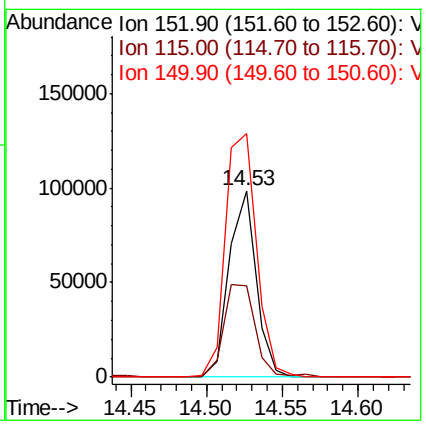


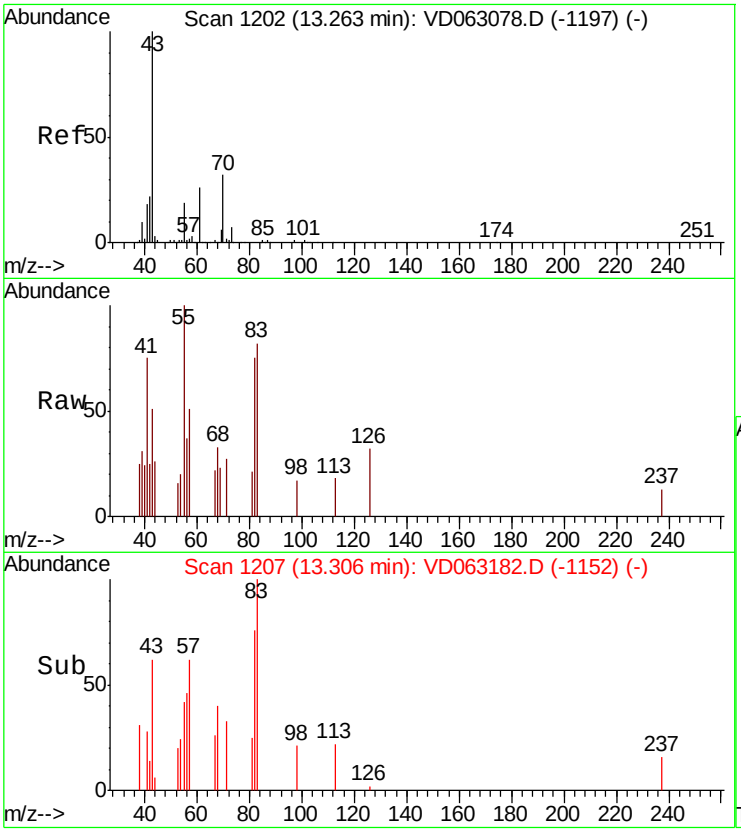


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Tgt Ion:152 Resp: 122789

Ion	Ratio	Lower	Upper
152	100		
115	48.8	28.9	86.8
150	130.5	0.0	313.8



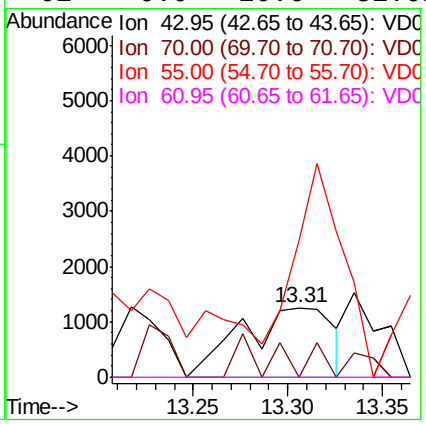


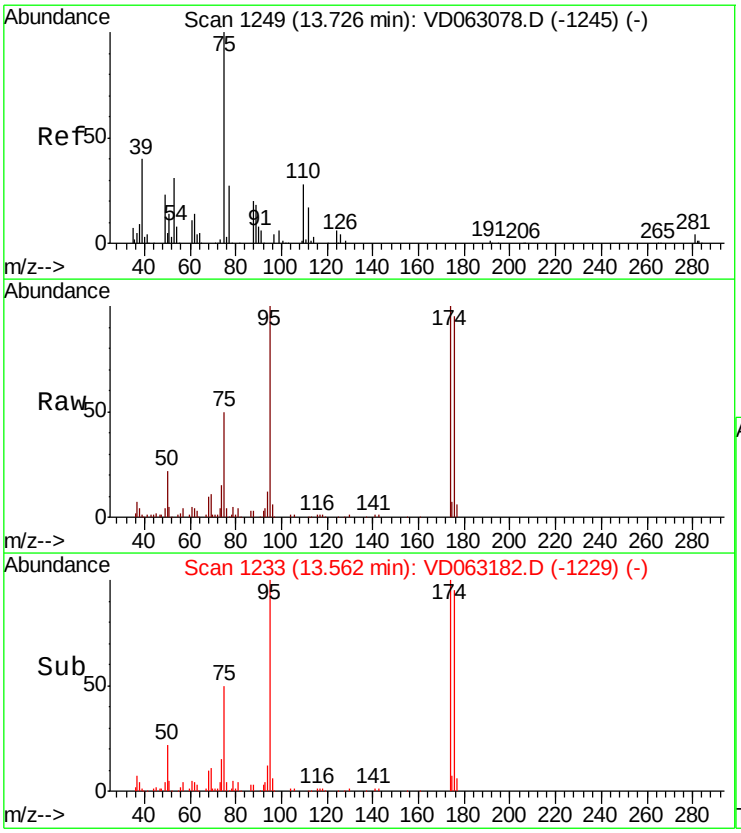
#74
N-amyl acetate
Concen: 1.602 ug/l
RT: 13.31 min Scan# 1207
Delta R.T. 0.04 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Instrument : MSVOA_D
ClientSampleId : FK-SF-02-005-A

Tgt Ion: 43 Resp: 4236

Ion	Ratio	Lower	Upper
43	100		
70	0.0	25.5	38.3#
55	196.0	15.4	23.0#
61	0.0	20.6	31.0#

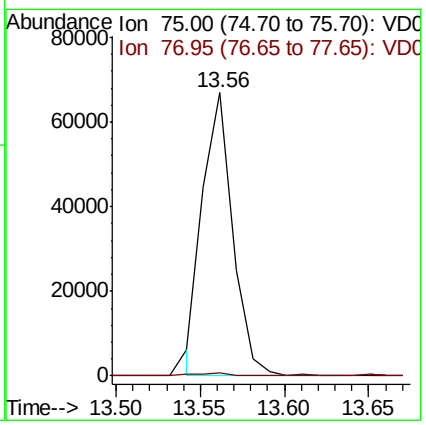


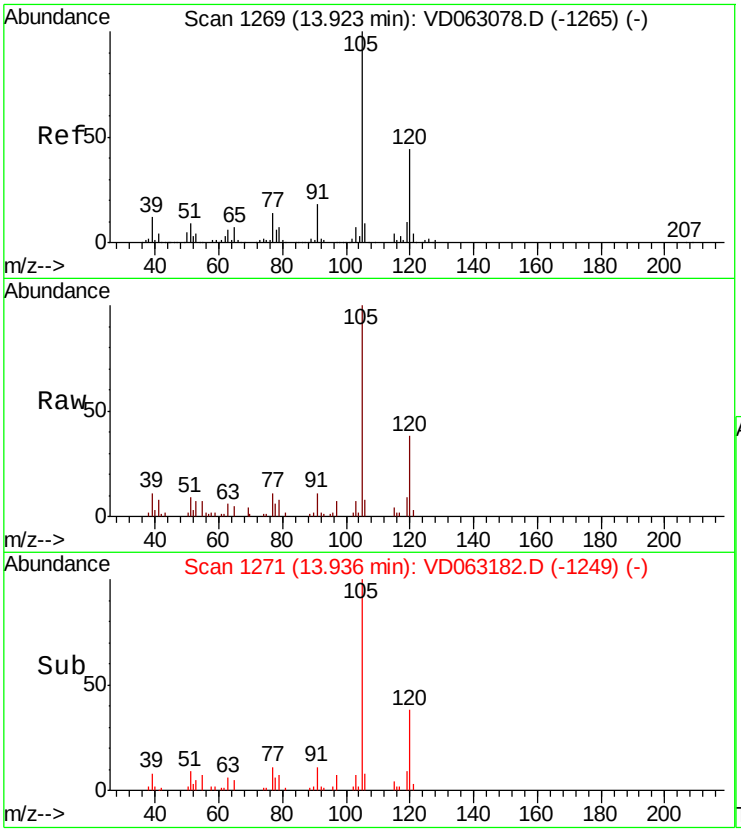


#76
1,2,3-Trichloropropane
Concen: 44.297 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.16 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Tgt Ion: 75 Resp: 83671

Ion	Ratio	Lower	Upper
75	100		
77	0.9	16.3	48.8#



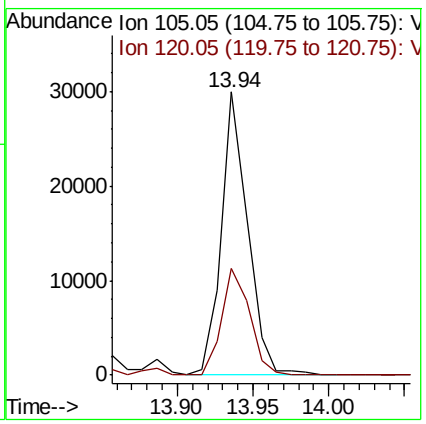


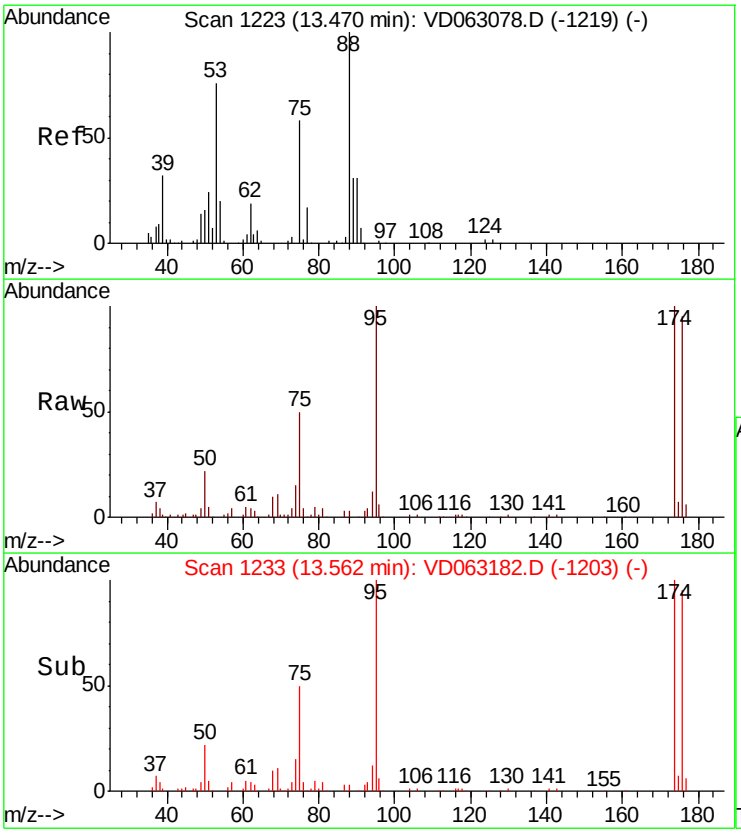
#80
1,3,5-Trimethylbenzene
Concen: 4.405 ug/l
RT: 13.94 min Scan# 1271
Delta R.T. 0.01 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-02-005-A

Tgt Ion:105 Resp: 36409

Ion	Ratio	Lower	Upper
105	100		
120	37.7	21.8	65.4





#81
trans-1,4-Dichloro-2-butene
Concen: 175.666 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.09 min
Lab File: VD063182.D
Acq: 22 Jul 2019 17:37

Tgt Ion: 75 Resp: 87377

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