Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD071619\
Data File : VD063105.D
Acq On : 16 Jul 2019 14:37
Operator : VA/AP
Sample : K3620-07
Misc : 7.22g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CL-01-071219-D

Quant Time: Jul 17 07:35:46 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	7.04	168	678109	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.21	114	885439	50.00	ug/l		0.00
63) Chlorobenzene-d5	12.36	117	688586	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	276992	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.45	65	325942	38.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 77.18%				
35) Dibromofluoromethane	6.92	113	372520	42.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 84.48%				
50) Toluene-d8	10.40	98	733332	38.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 77.42%				
62) 4-Bromofluorobenzene	13.55	95	275593	31.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 62.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	969	Below Cal	#		43
3) Chloromethane	1.76	50	1031	Below Cal	#		48
5) Bromomethane	2.11	94	3102	Below Cal	#		13
8) Diethyl Ether	2.86	74	2083	1.011	ug/l		96
11) Tert butyl alcohol	4.07	59	570	1.169	ug/l	#	77
13) Acrolein	3.00	56	179	1.217	ug/l	#	1
16) Acetone	3.22	43	171390	84.005	ug/l		93
18) Methyl Acetate	3.63	43	5033	Below Cal	#		60
20) Methylene Chloride	3.81	84	27554	3.575	ug/l	#	90
25) 2-Butanone	6.07	43	5411	2.777	ug/l	#	61
31) Cyclohexane	7.03	56	14709	1.829	ug/l	#	40
36) 1,1-Dichloropropene	7.04	75	52964	5.319	ug/l	#	50
38) Carbon Tetrachloride	7.04	117	68573	4.532	ug/l	#	13
81) trans-1,4-Dichloro-2-buten	13.55	75	131163	116.895	ug/l	#	1
95) Naphthalene	16.12	128	157181	14.826	ug/l		98

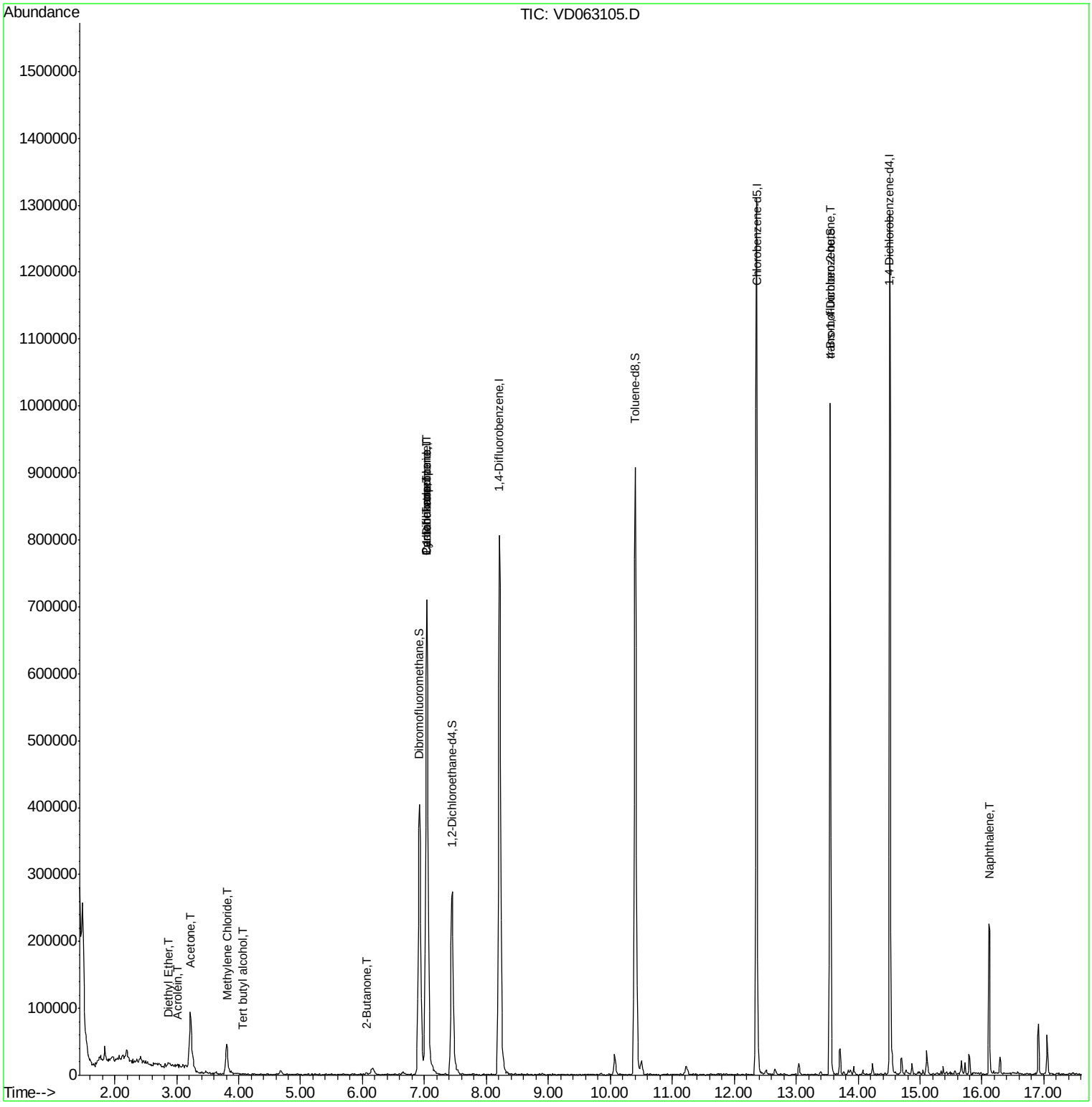
(#) = qualifier out of range (m) = manual integration (+) = signals summed

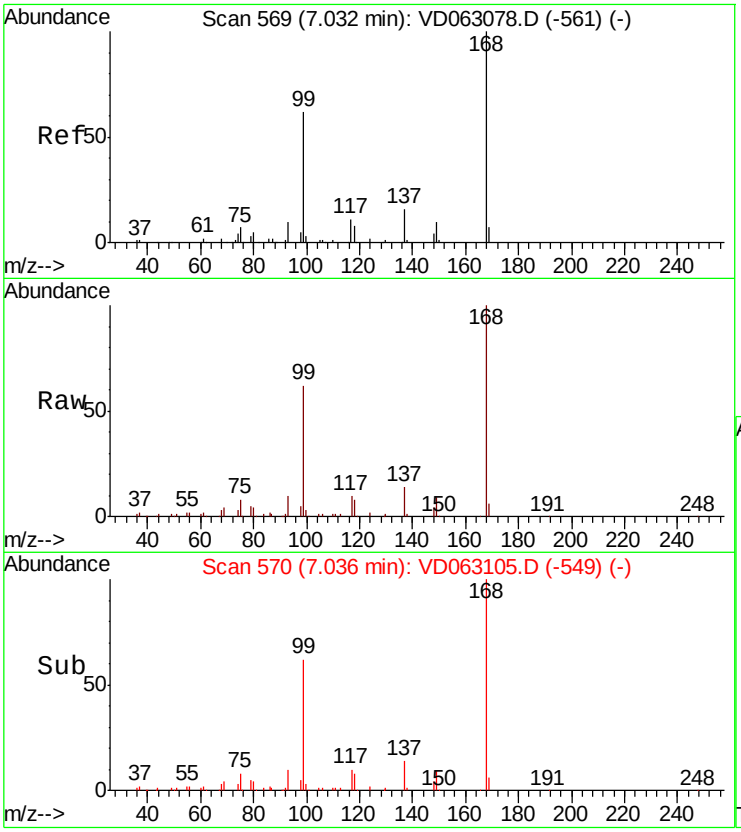
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD071619\
Data File : VD063105.D
Acq On : 16 Jul 2019 14:37
Operator : VA/AP
Sample : K3620-07
Misc : 7.22g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CL-01-071219-D

Quant Time: Jul 17 07:35:46 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



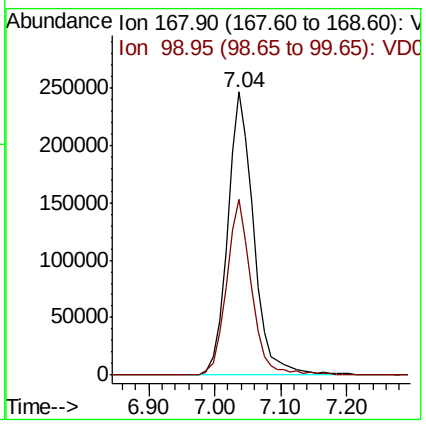


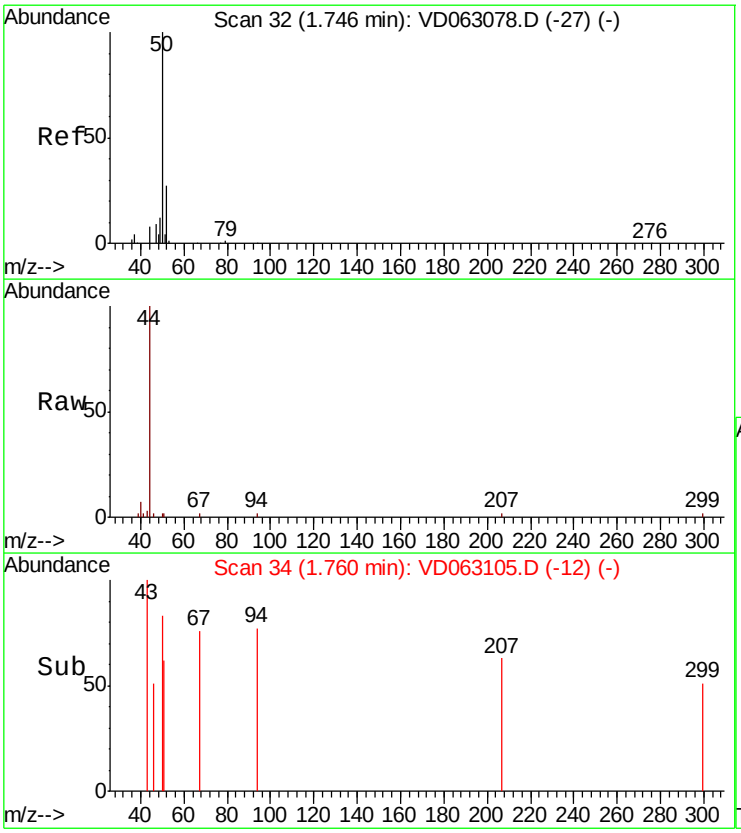
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.00 min
Lab File: VD063105.D
Acq: 16 Jul 2019 14:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-071219-D

Tgt Ion:168 Resp: 678109

Ion	Ratio	Lower	Upper
168	100		
99	62.2	50.8	76.2

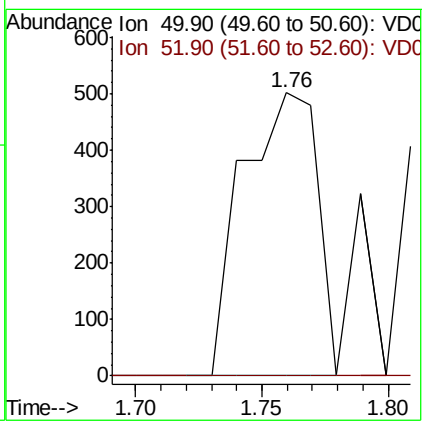


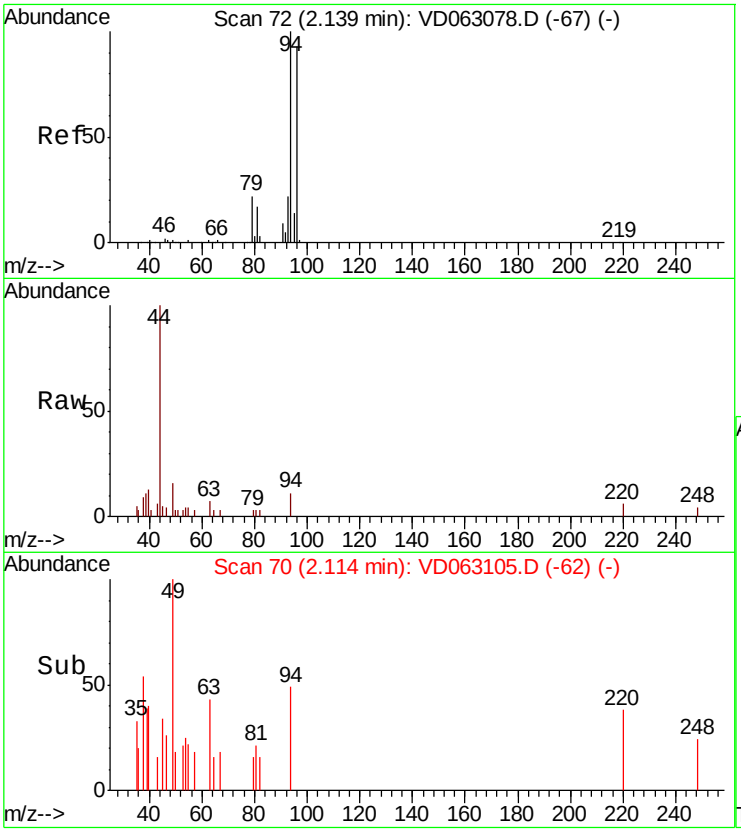


#3
Chloromethane
Concen: Below Cal
RT: 1.76 min Scan# 34
Delta R.T. 0.01 min
Lab File: VD063105.D
Acq: 16 Jul 2019 14:37

Tgt Ion: 50 Resp: 1031

Ion	Ratio	Lower	Upper
50	100		
52	0.0	21.4	32.2#



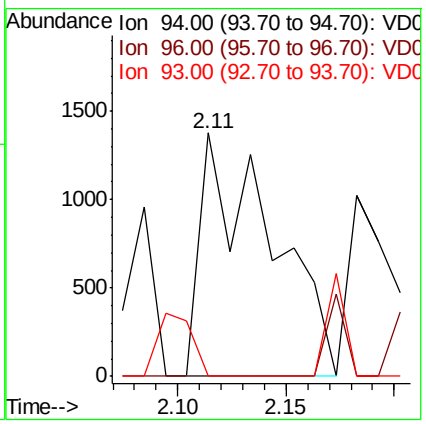


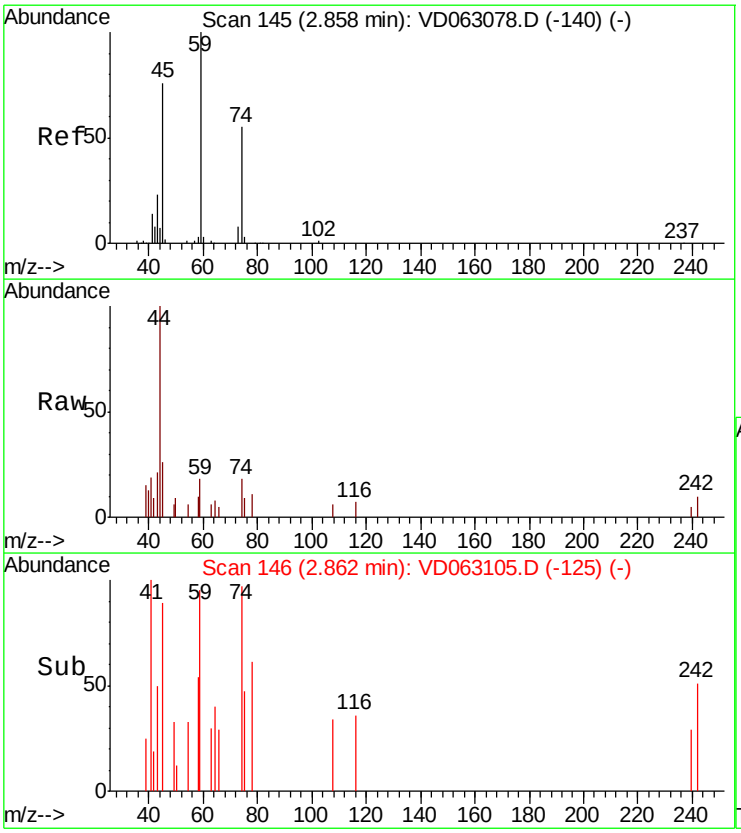
#5
Bromomethane
Concen: Below Cal
RT: 2.11 min Scan# 70
Delta R.T. -0.02 min
Lab File: VD063105.D
Acq: 16 Jul 2019 14:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-071219-D

Tgt Ion: 94 Resp: 3102

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

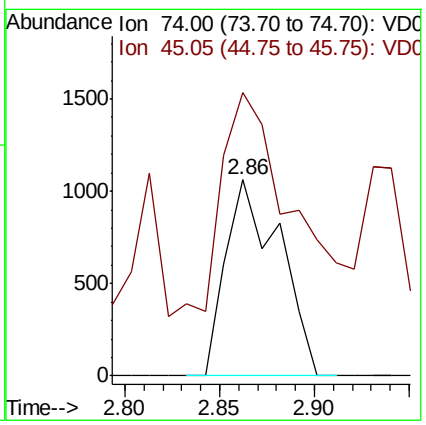


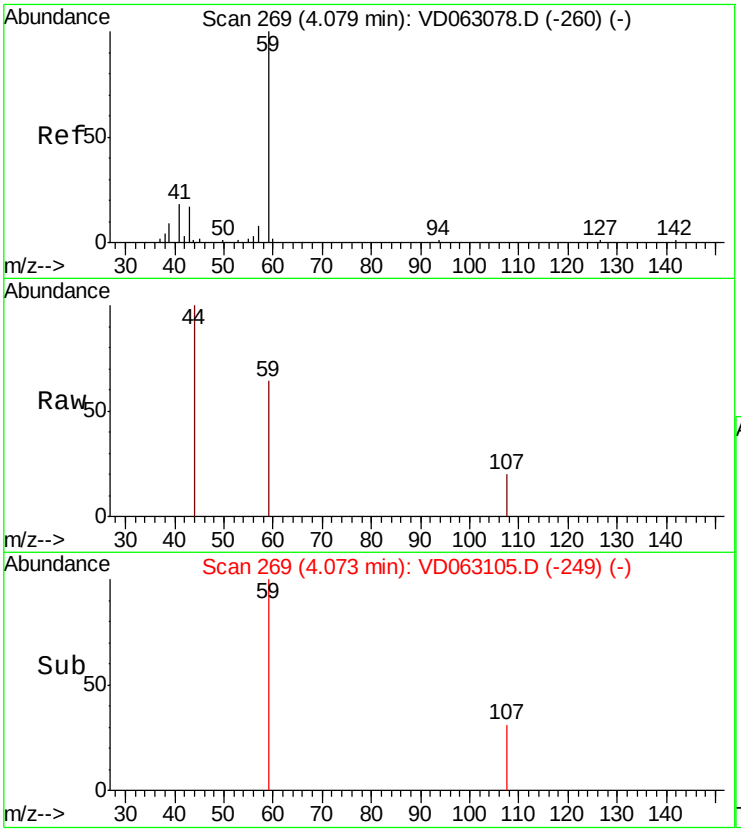


#8
Diethyl Ether
Concen: 1.011 ug/l
RT: 2.86 min Scan# 146
Delta R.T. 0.00 min
Lab File: VD063105.D
Acq: 16 Jul 2019 14:37

Tgt Ion: 74 Resp: 2083

Ion	Ratio	Lower	Upper
74	100		
45	144.2	69.5	208.7



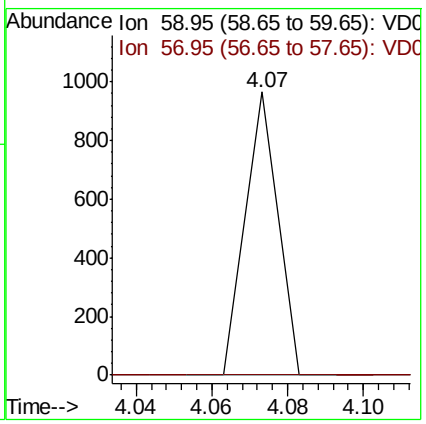


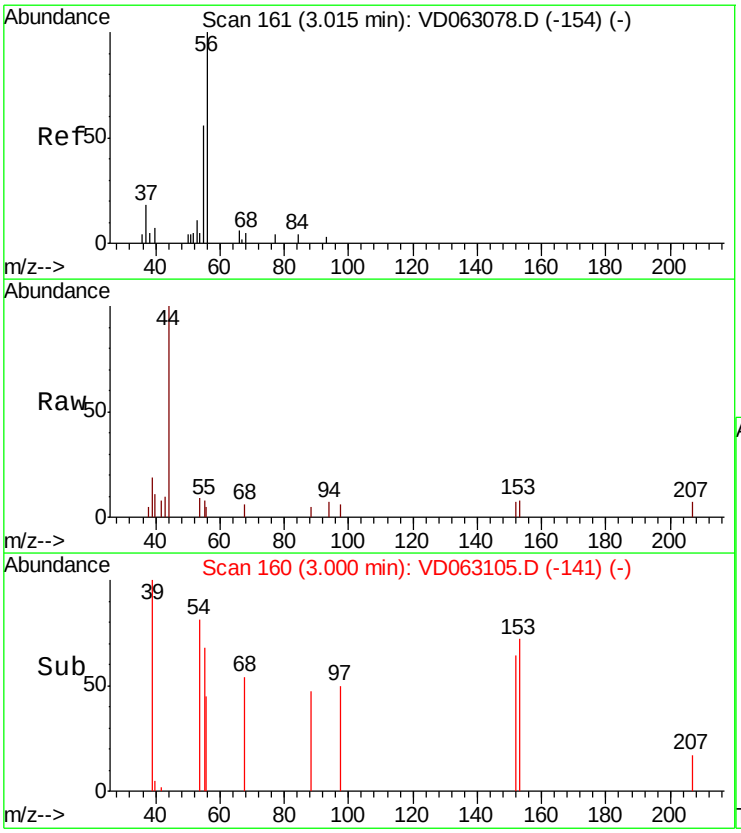
#11
Tert butyl alcohol
Concen: 1.169 ug/l
RT: 4.07 min Scan# 269
Delta R.T. -0.01 min
Lab File: VD063105.D
Acq: 16 Jul 2019 14:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-071219-D

Tgt Ion: 59 Resp: 570

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

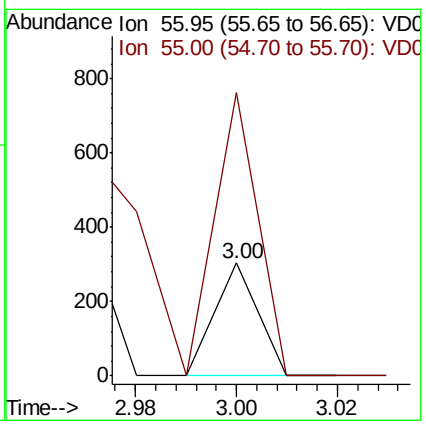


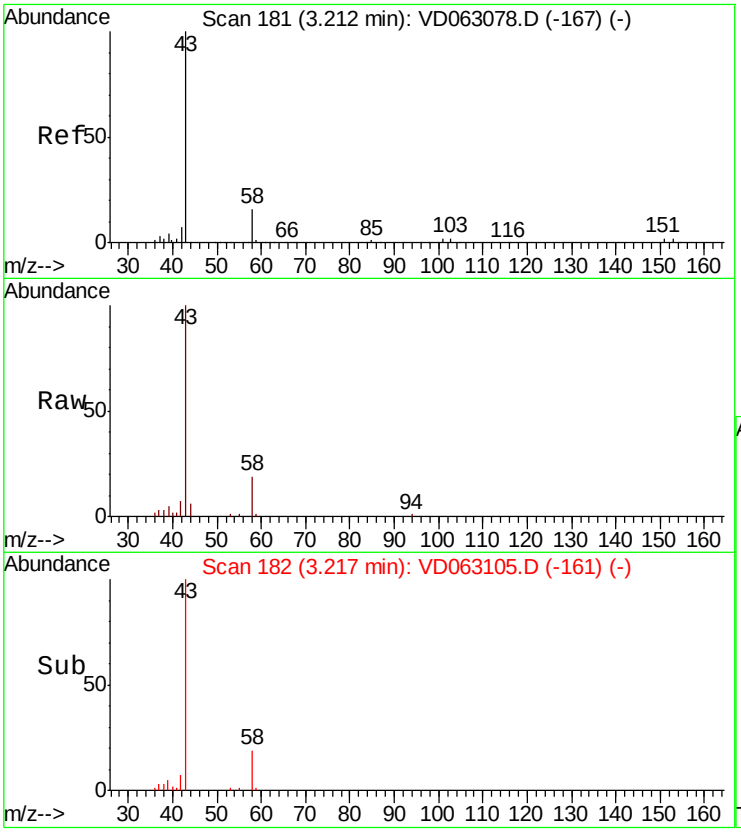


#13
Acrolein
Concen: 1.217 ug/l
RT: 3.00 min Scan# 160
Delta R.T. -0.02 min
Lab File: VD063105.D
Acq: 16 Jul 2019 14:37

Tgt Ion: 56 Resp: 179

Ion	Ratio	Lower	Upper
56	100		
55	251.5	53.0	79.4#



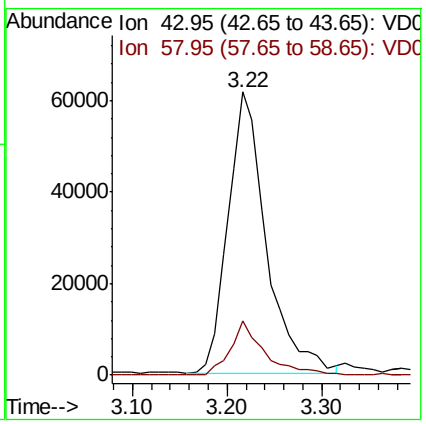


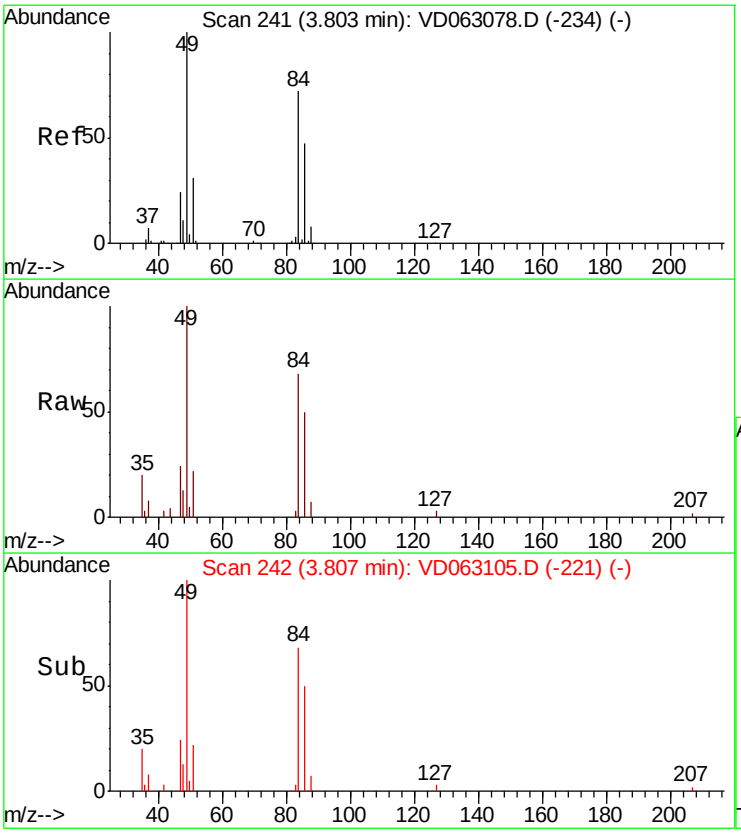
#16
Acetone
Concen: 84.005 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.00 min
Lab File: VD063105.D
Acq: 16 Jul 2019 14:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-071219-D

Tgt Ion: 43 Resp: 171390

Ion	Ratio	Lower	Upper
43	100		
58	19.2	13.0	19.4

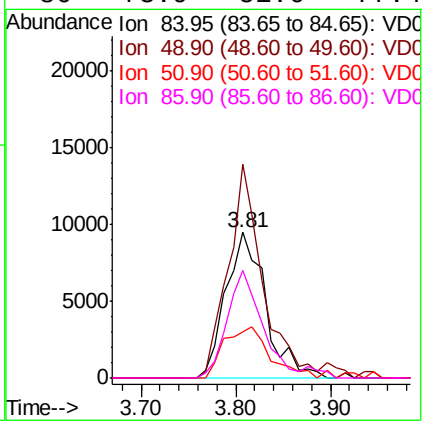


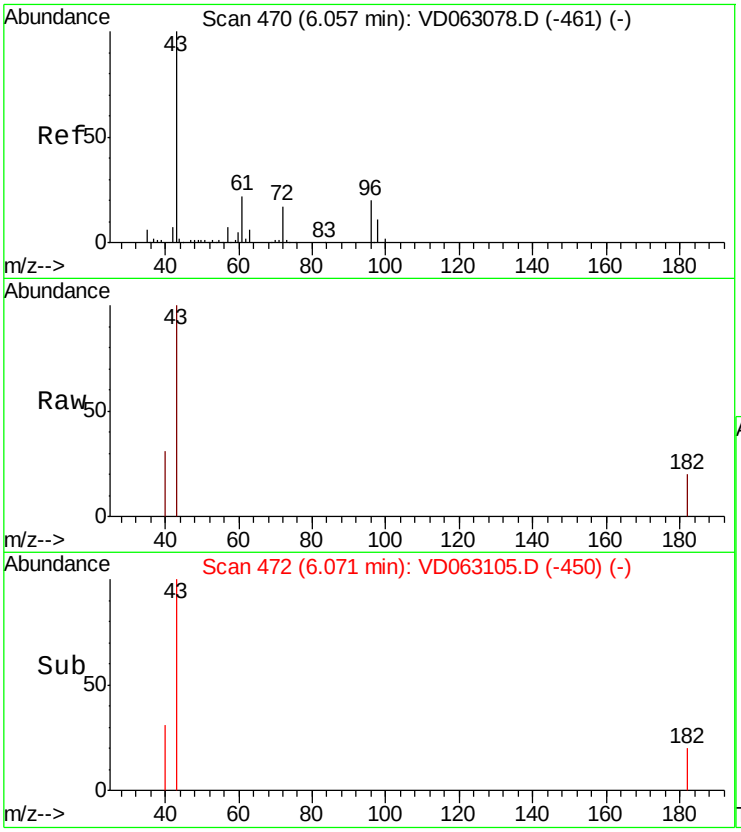


#20
Methylene Chloride
Concen: 3.575 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.00 min
Lab File: VD063105.D
Acq: 16 Jul 2019 14:37

Tgt Ion: 84 Resp: 27554

Ion	Ratio	Lower	Upper
84	100		
49	146.6	110.5	165.7
51	31.8	34.6	51.8#
86	73.9	51.6	77.4



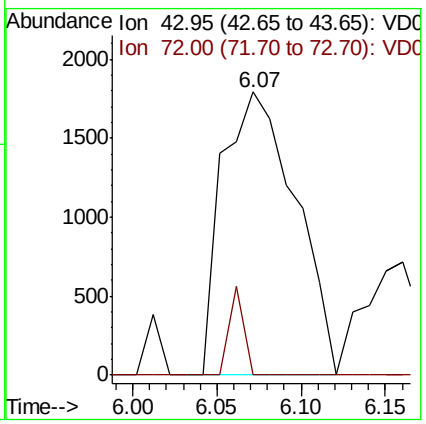


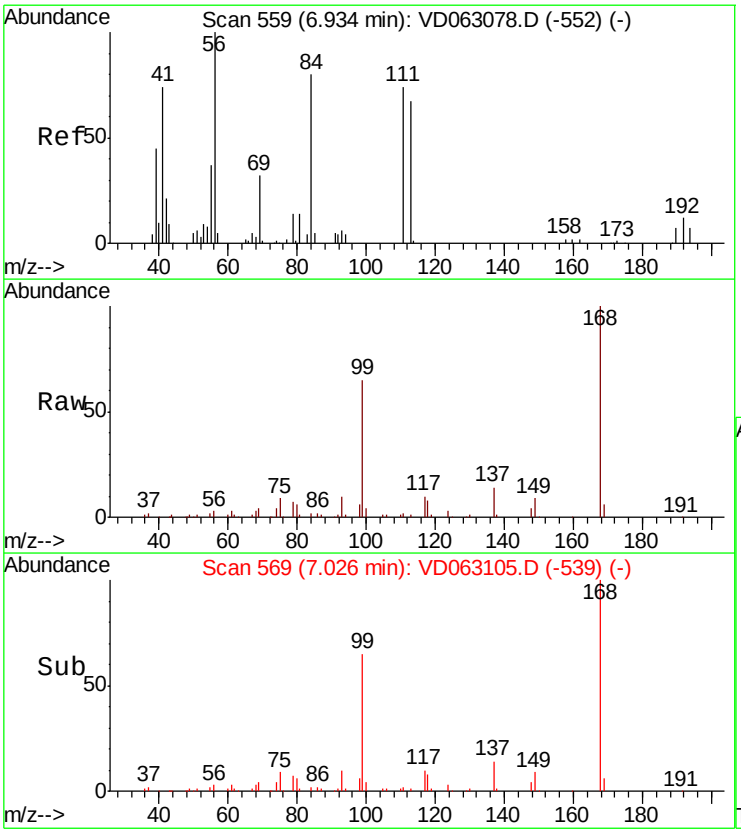
#25
2-Butanone
Concen: 2.777 ug/l
RT: 6.07 min Scan# 472
Delta R.T. 0.01 min
Lab File: VD063105.D
Acq: 16 Jul 2019 14:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-071219-D

Tgt Ion: 43 Resp: 5411

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.4	20.0#

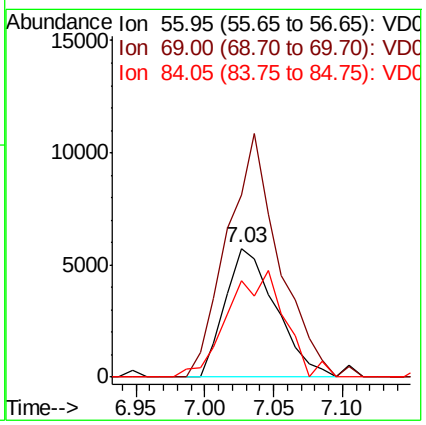


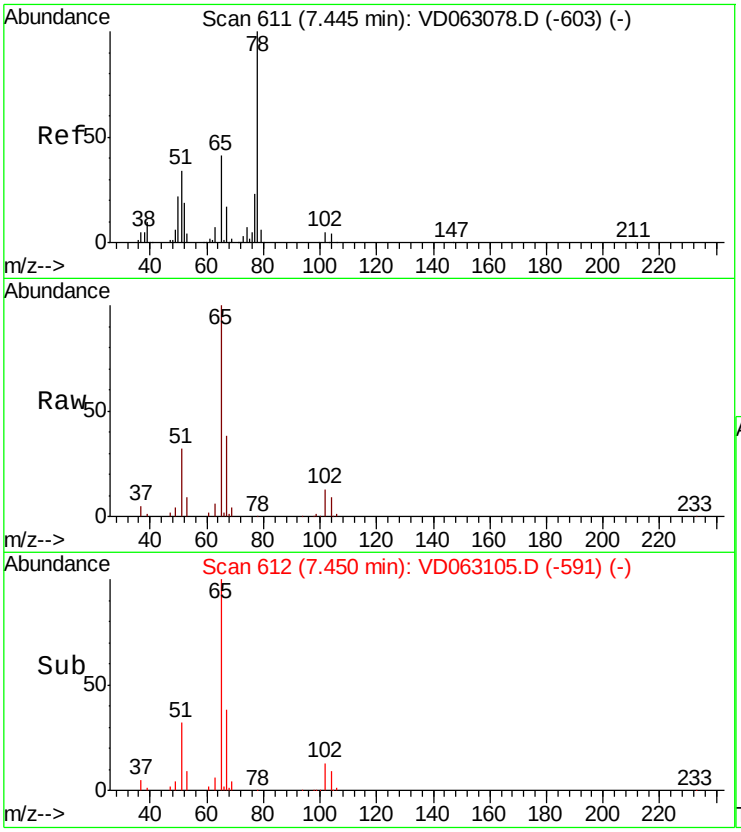


#31
Cyclohexane
Concen: 1.829 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.09 min
Lab File: VD063105.D
Acq: 16 Jul 2019 14:37

Tgt Ion: 56 Resp: 14709

Ion	Ratio	Lower	Upper
56	100		
69	141.6	25.3	37.9#
84	75.3	64.2	96.4



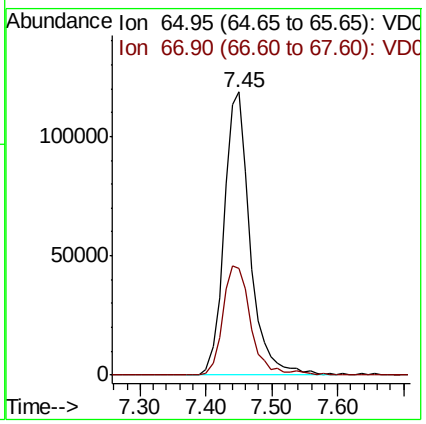


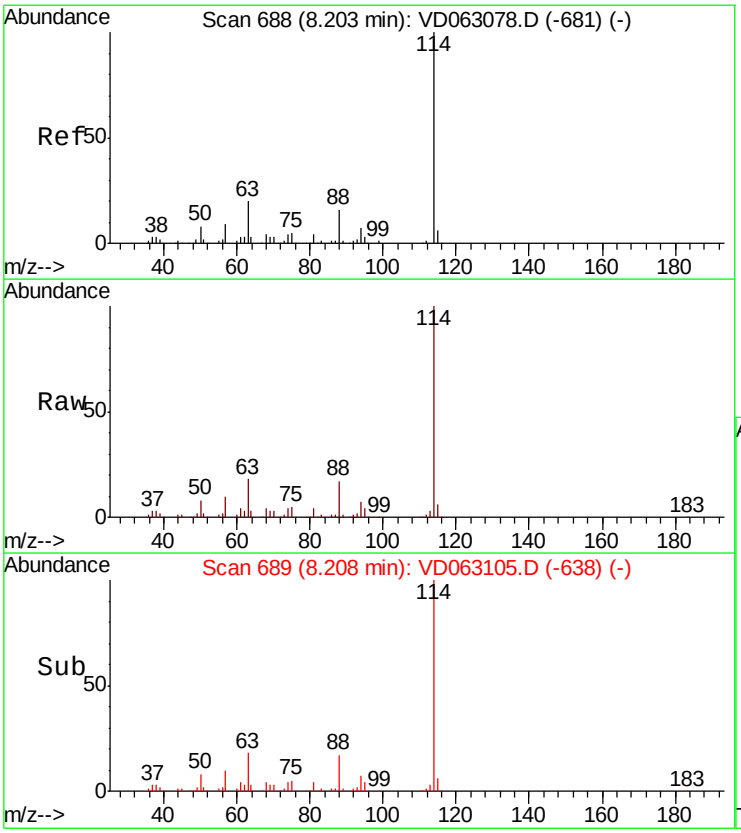
#33
1,2-Dichloroethane-d4
Concen: 38.586 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.00 min
Lab File: VD063105.D
Acq: 16 Jul 2019 14:37

Instrument : MSVOA_D
ClientSampleId : CL-01-071219-D

Tgt Ion: 65 Resp: 325942

Ion	Ratio	Lower	Upper
65	100		
67	37.9	0.0	86.0

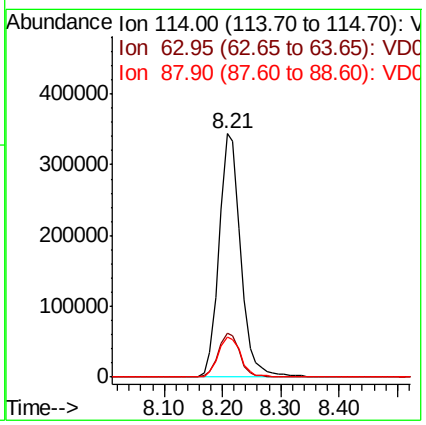


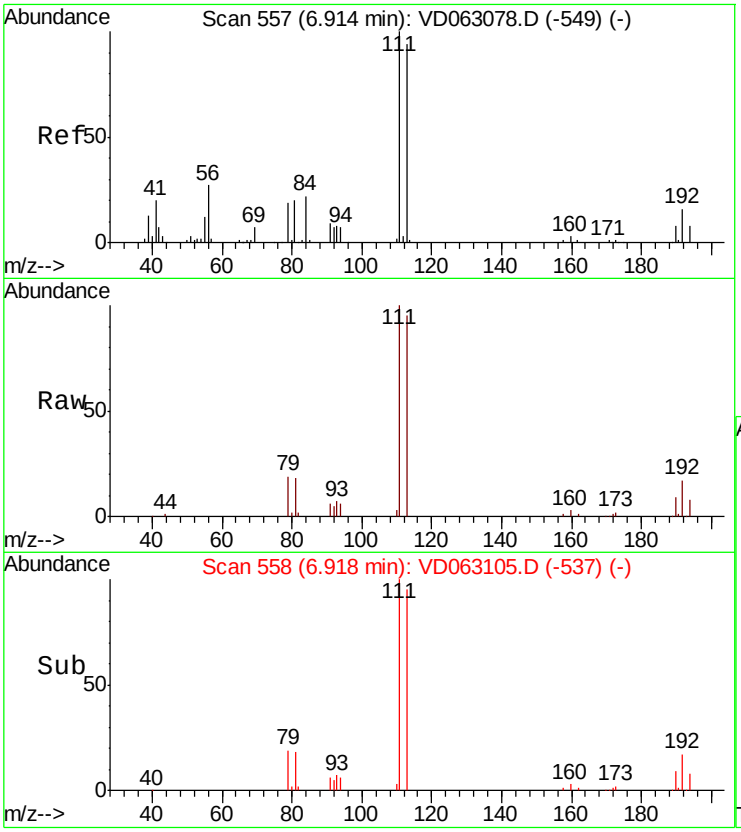


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 689
Delta R.T. 0.00 min
Lab File: VD063105.D
Acq: 16 Jul 2019 14:37

Tgt Ion:114 Resp: 885439

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	40.6
88	16.6	0.0	32.6



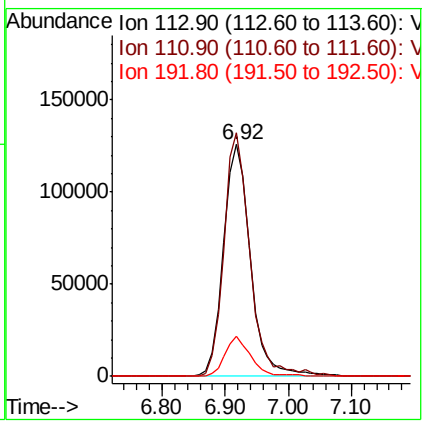


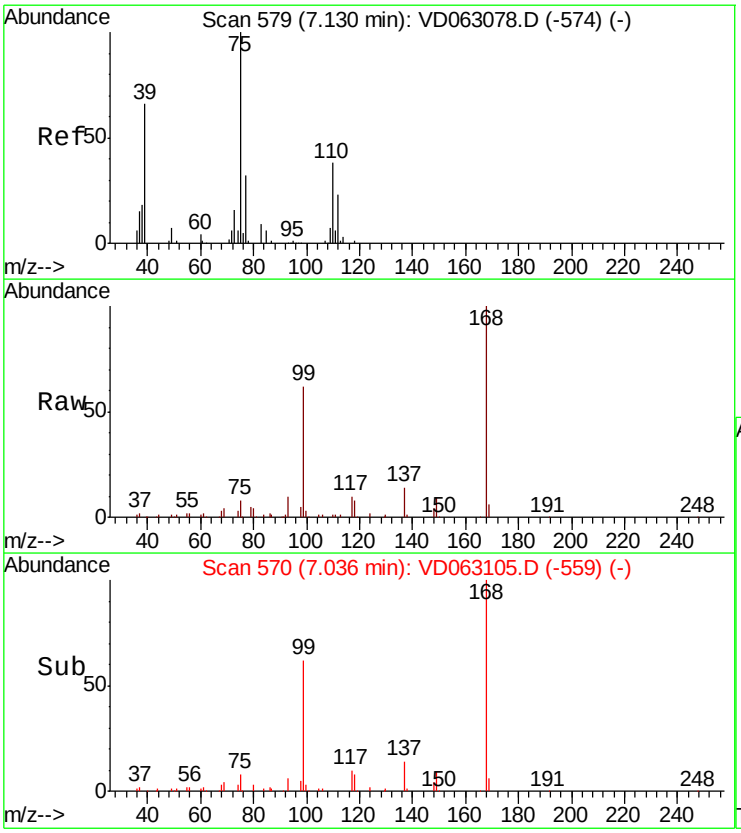
#35
Dibromofluoromethane
Concen: 42.240 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.00 min
Lab File: VD063105.D
Acq: 16 Jul 2019 14:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-071219-D

Tgt Ion:113 Resp: 372520

Ion	Ratio	Lower	Upper
113	100		
111	105.0	84.8	127.2
192	17.4	13.4	20.0

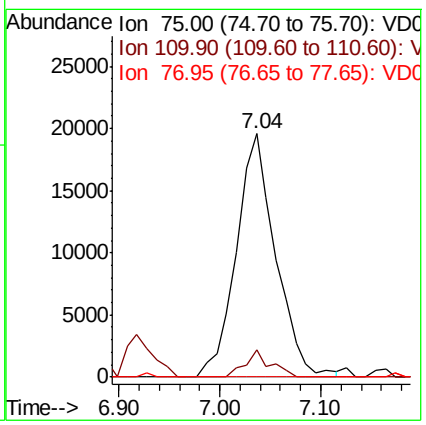


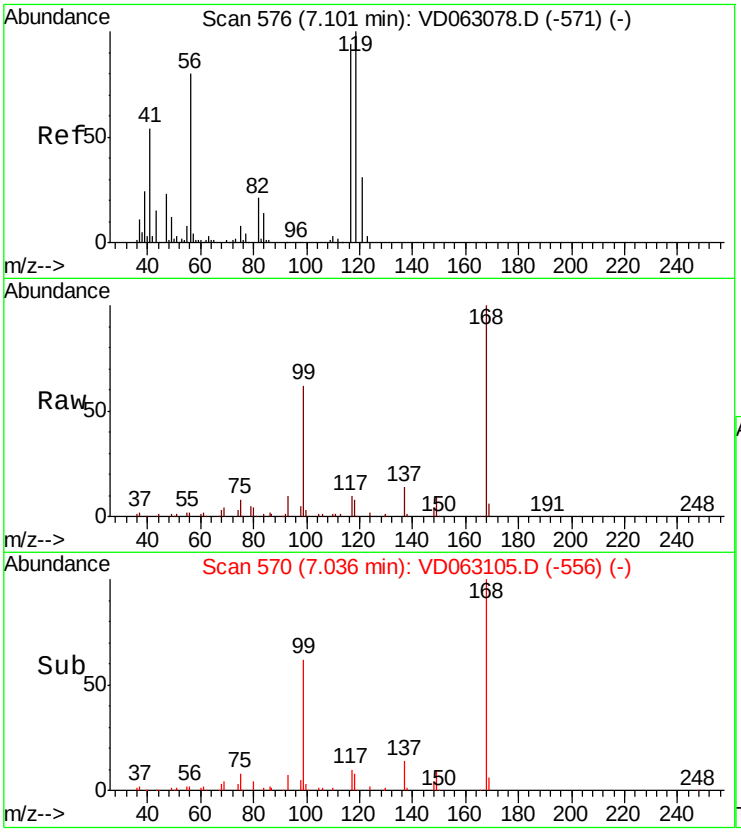


#36
1,1-Dichloropropene
Concen: 5.319 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.09 min
Lab File: VD063105.D
Acq: 16 Jul 2019 14:37

Tgt Ion: 75 Resp: 52964

Ion	Ratio	Lower	Upper
75	100		
110	11.0	18.9	56.5#
77	0.0	25.2	37.8#



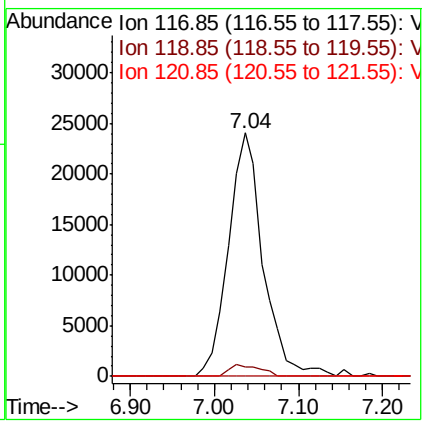


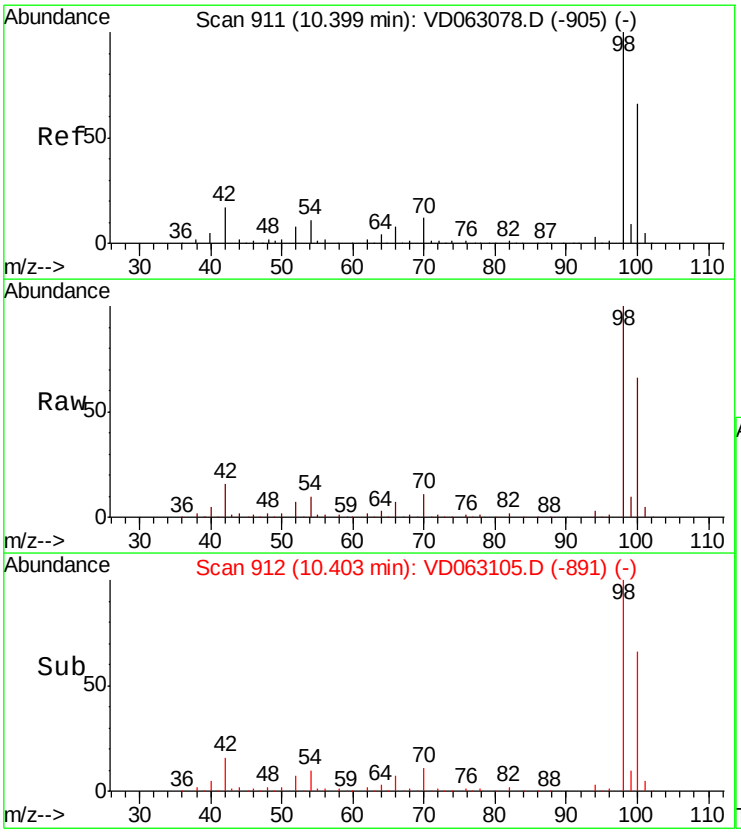
#38
Carbon Tetrachloride
Concen: 4.532 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.06 min
Lab File: VD063105.D
Acq: 16 Jul 2019 14:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-071219-D

Tgt Ion:117 Resp: 68573

Ion	Ratio	Lower	Upper
117	100		
119	4.1	80.0	120.0#
121	0.0	25.0	37.4#

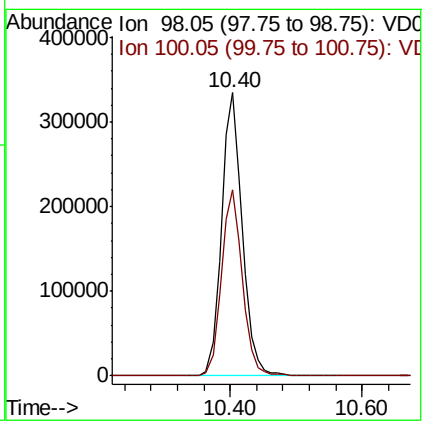


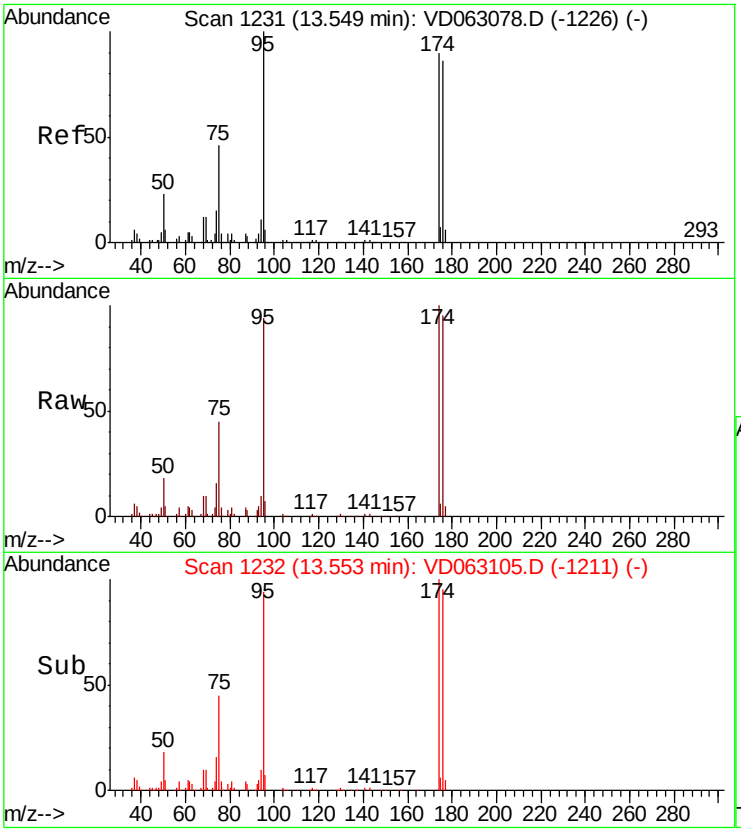


#50
Toluene-d8
Concen: 38.711 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD063105.D
Acq: 16 Jul 2019 14:37

Tgt Ion: 98 Resp: 733332

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.5	80.3



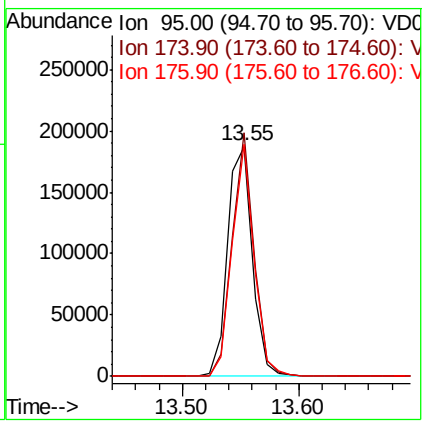


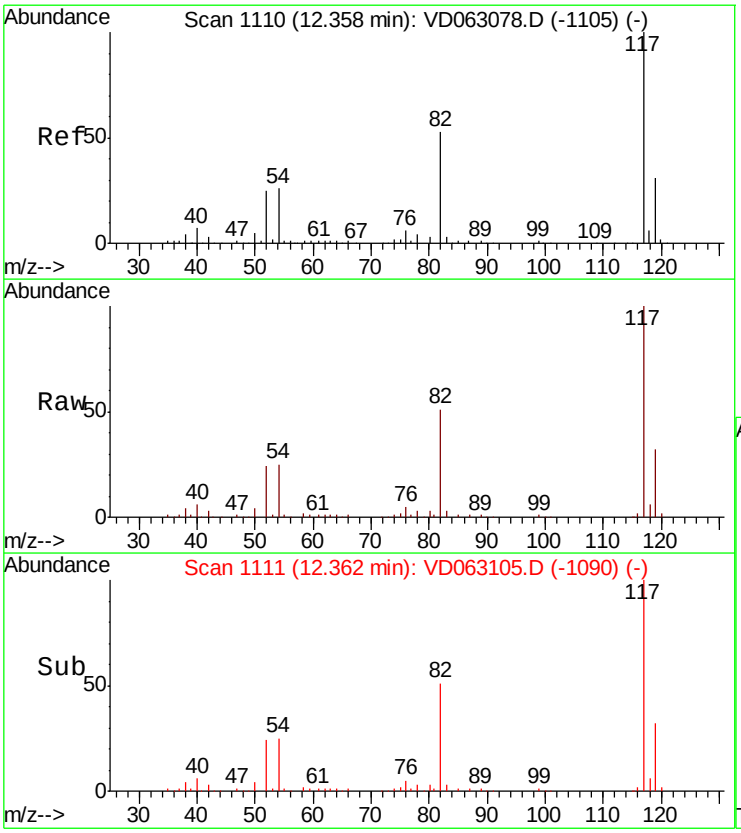
#62
4-Bromofluorobenzene
Concen: 31.446 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063105.D
Acq: 16 Jul 2019 14:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-071219-D

Tgt Ion: 95 Resp: 275593

Ion	Ratio	Lower	Upper
95	100		
174	106.1	0.0	180.6
176	101.0	0.0	172.2

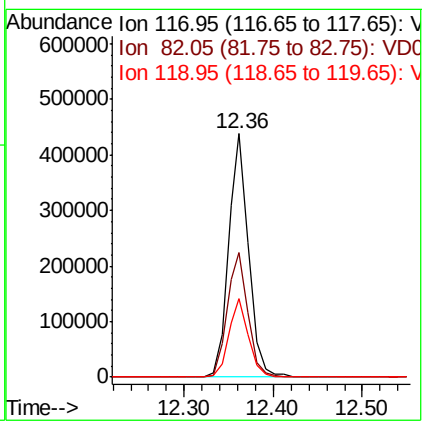


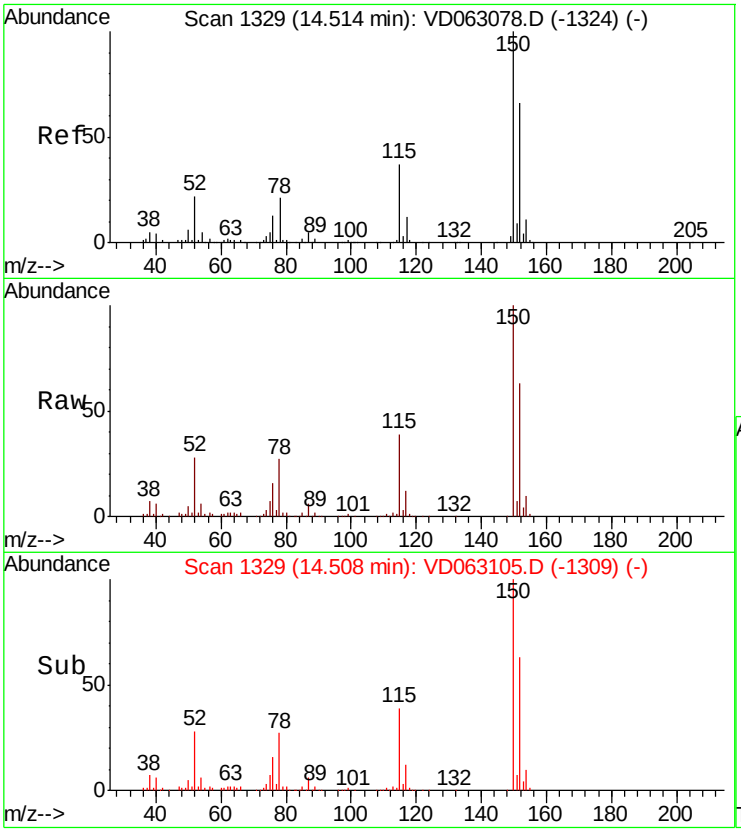


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063105.D
Acq: 16 Jul 2019 14:37

Tgt Ion:117 Resp: 688586

Ion	Ratio	Lower	Upper
117	100		
82	51.3	42.3	63.5
119	32.4	25.2	37.8



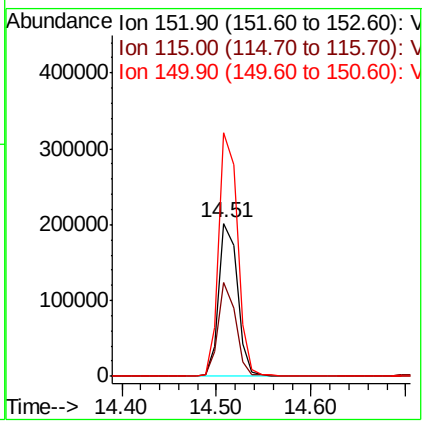


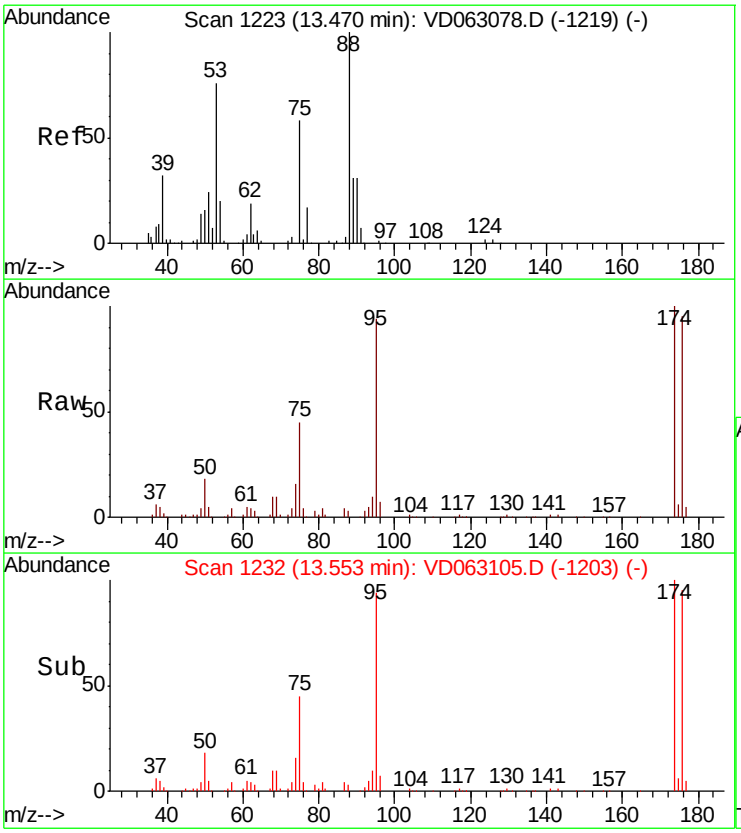
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063105.D
Acq: 16 Jul 2019 14:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-071219-D

Tgt Ion:152 Resp: 276992

Ion	Ratio	Lower	Upper
152	100		
115	61.4	28.9	86.8
150	158.7	0.0	313.8

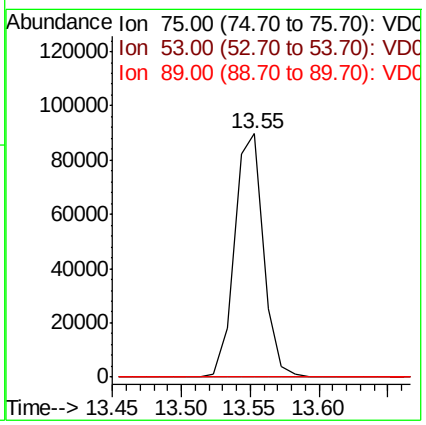


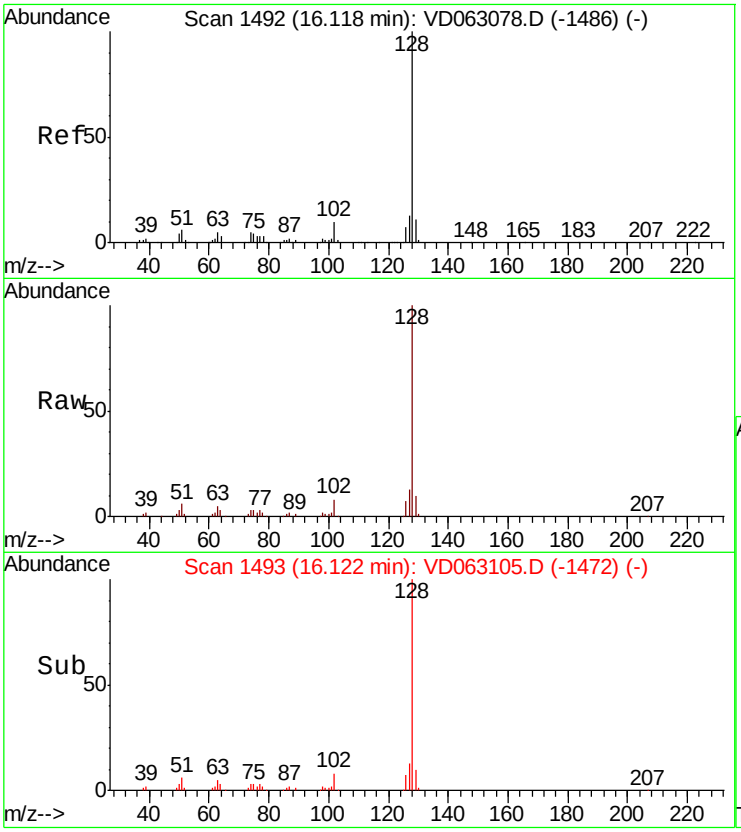


#81
trans-1,4-Dichloro-2-butene
Concen: 116.895 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD063105.D
Acq: 16 Jul 2019 14:37

Tgt Ion: 75 Resp: 131163

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





#95
Naphthalene
Concen: 14.826 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD063105.D
Acq: 16 Jul 2019 14:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-071219-D

Tgt Ion:128 Resp: 157181

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.7	16.1
129	10.3	8.7	13.1