Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061419\
Data File : VD062712.D
Acq On : 14 Jun 2019 15:44
Operator : VA/AP
Sample : K3361-03RE
Misc : 6.49g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : BAT-B15RE

Quant Time: Jun 15 04:37:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	721316	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	920447	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	704838	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	255808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	314476	30.21	ug/l	0.01
Spiked Amount 50.000			Recovery = 60.42%			
35) Dibromofluoromethane	6.93	113	326061	33.59	ug/l	0.01
Spiked Amount 50.000			Recovery = 67.18%			
50) Toluene-d8	10.42	98	557394	27.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 54.60%			
62) 4-Bromofluorobenzene	13.56	95	221326	23.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 46.46%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.59	85	542	Below Cal	#	42
10) Methyl Iodide	3.31	142	440	4.040	ug/l #	24
11) Tert butyl alcohol	4.09	59	781	1.825	ug/l #	61
13) Acrolein	3.03	56	319	2.318	ug/l	92
16) Acetone	3.22	43	157301	82.531	ug/l	96
18) Methyl Acetate	3.64	43	11525	3.679	ug/l #	76
20) Methylene Chloride	3.82	84	16588	1.878	ug/l #	91
25) 2-Butanone	6.08	43	16430	8.836	ug/l #	88
27) cis-1,2-Dichloroethene	6.05	96	16128	2.127	ug/l	74
36) 1,1-Dichloropropene	7.05	75	55387	5.258	ug/l #	51
37) Ethyl Acetate	6.08	43	16429	4.771	ug/l #	55
38) Carbon Tetrachloride	7.05	117	75396	4.528	ug/l #	17
44) Trichloroethene	8.55	130	38874	4.654	ug/l	99
49) 1,4-Dioxane	8.64	88	191	52.331	ug/l #	21
56) Ethyl methacrylate	10.95	69	412	4.006	ug/l #	36
76) 1,2,3-Trichloropropane	13.56	75	101224	29.184	ug/l #	45
81) trans-1,4-Dichloro-2-buten	13.56	75	117192	108.953	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.95	180	221	3.599	ug/l #	24
95) Naphthalene	16.13	128	141098	17.602	ug/l	98

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

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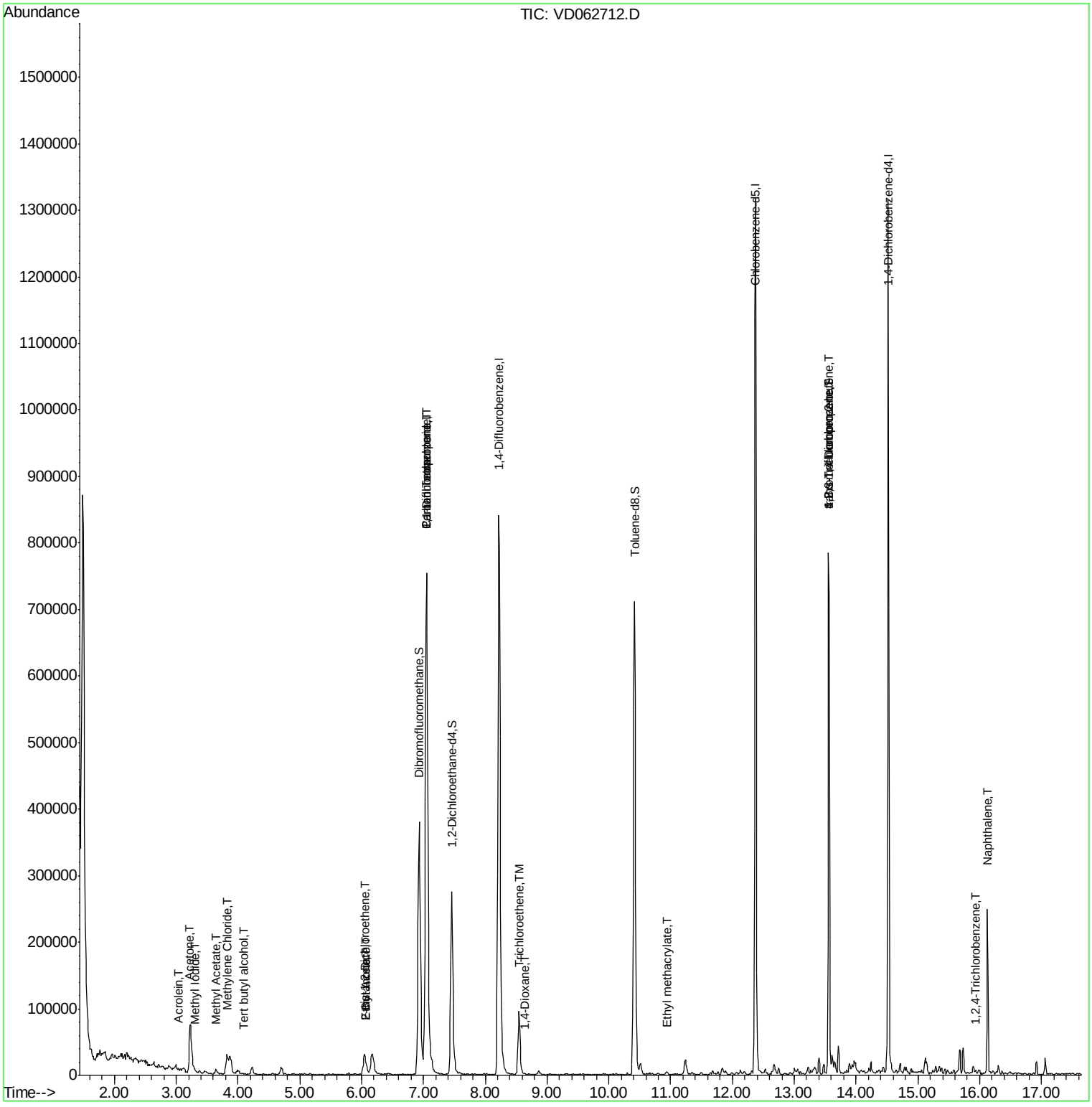
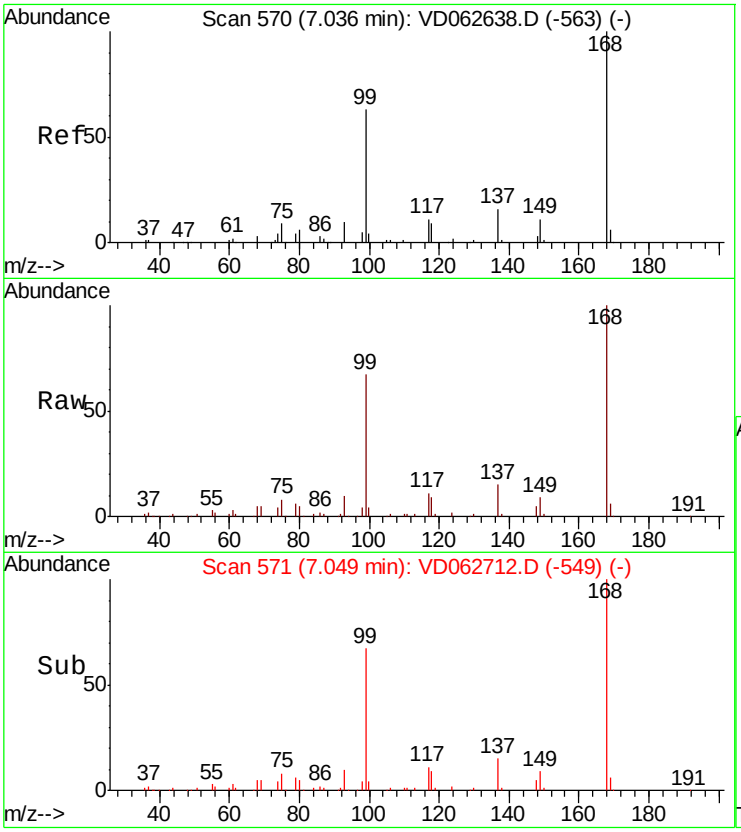


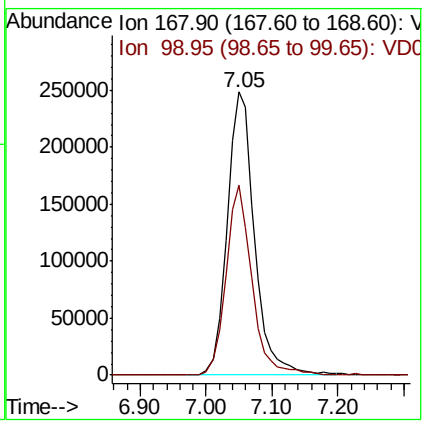


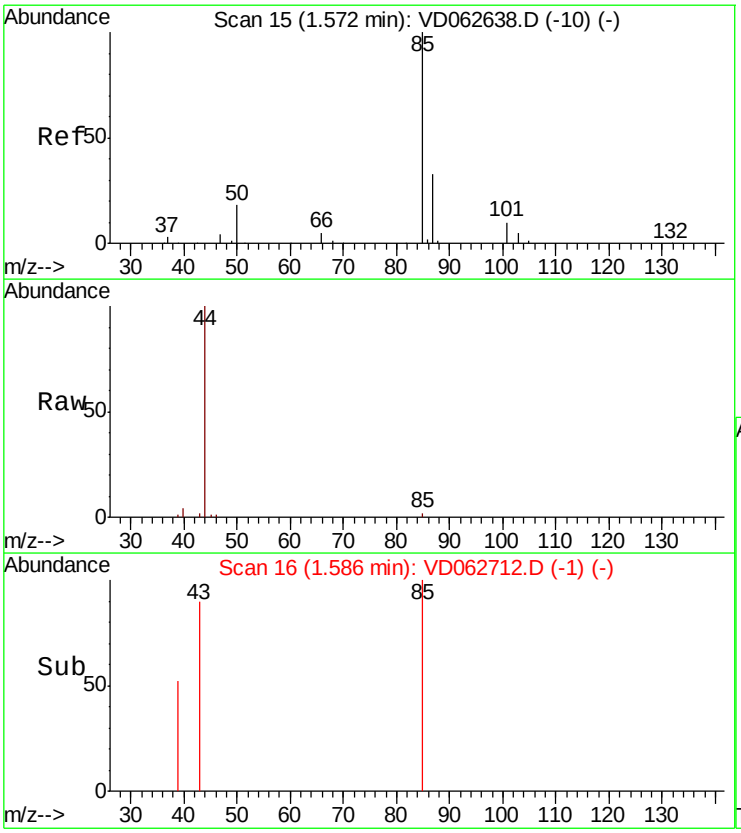
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.01 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Instrument :
MSVOA_D
ClientSampleId :
BAT-B15RE

Tgt Ion:168 Resp: 721316

Ion	Ratio	Lower	Upper
168	100		
99	67.2	51.4	77.2

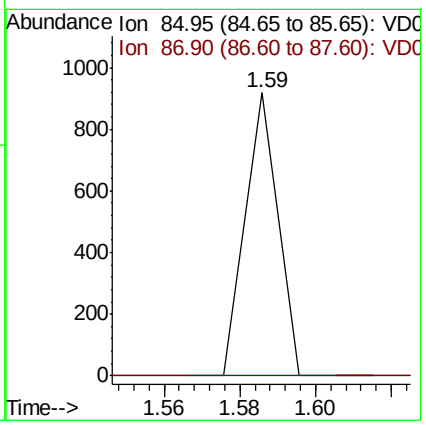


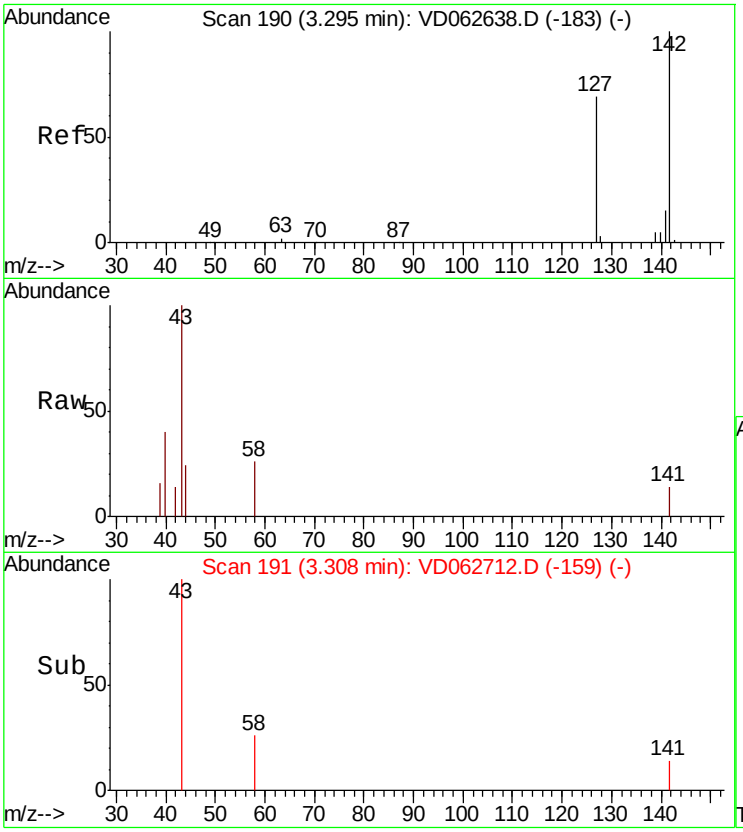


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.59 min Scan# 16
Delta R.T. 0.01 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Tgt Ion: 85 Resp: 542

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.6	49.7#



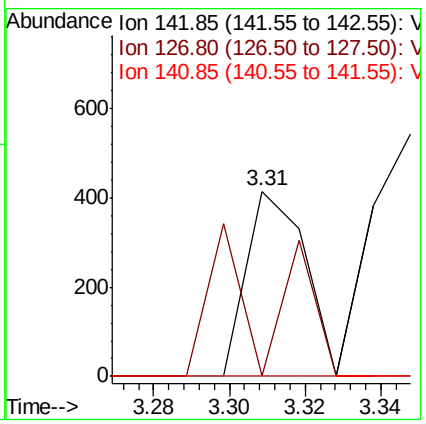


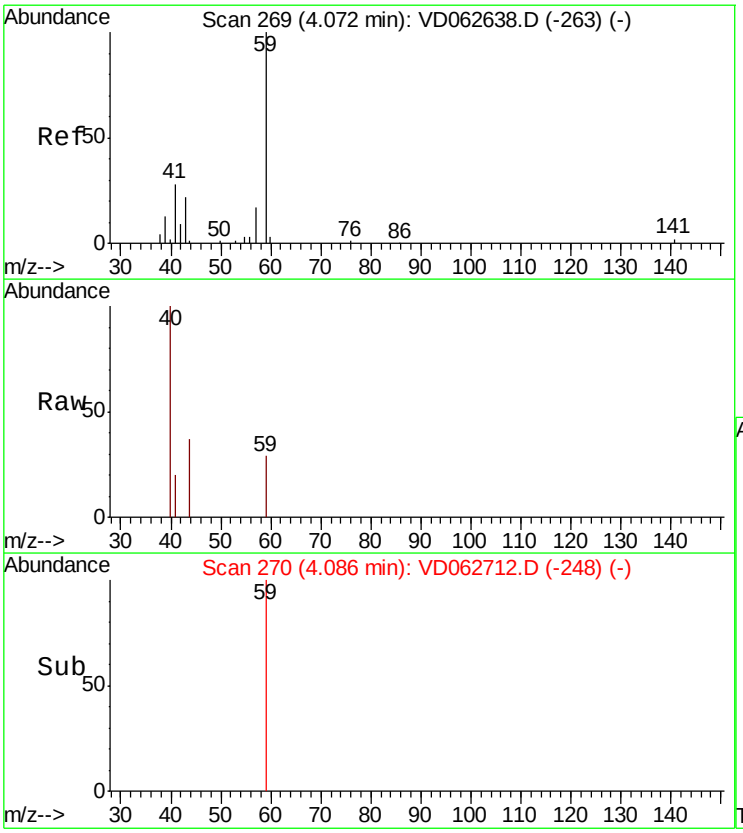
#10
Methyl Iodide
Concen: 4.040 ug/l
RT: 3.31 min Scan# 191
Delta R.T. 0.01 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Instrument : MSVOA_D
ClientSampleId : BAT-B15RE

Tgt Ion:142 Resp: 440

Ion	Ratio	Lower	Upper
142	100		
127	0.0	55.2	82.8#
141	0.0	12.1	18.1#

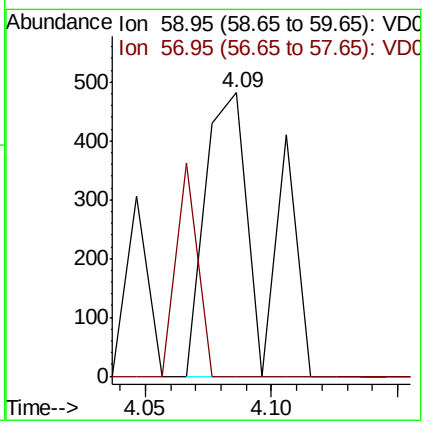


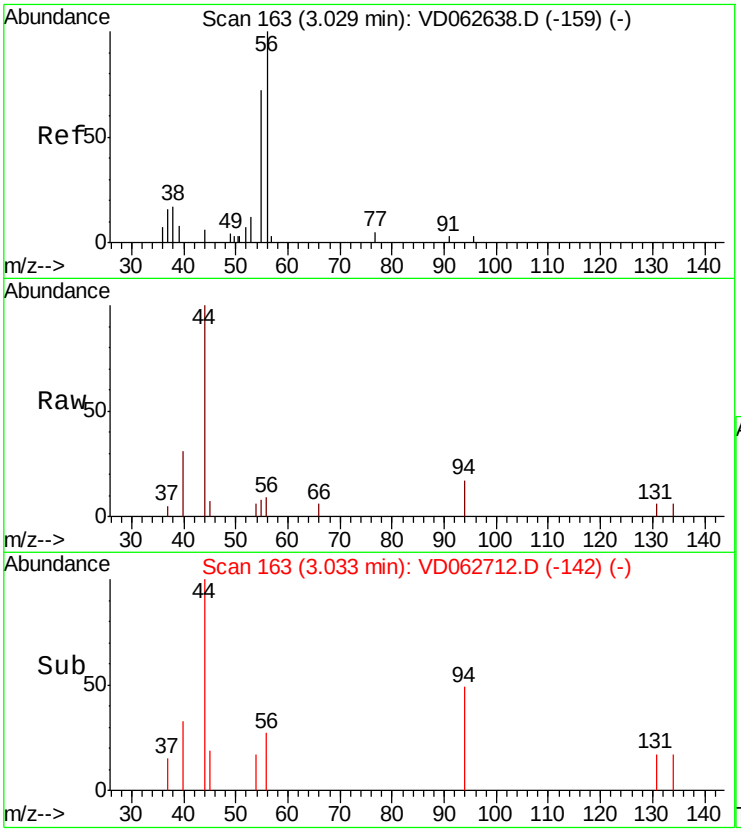


#11
Tert butyl alcohol
Concen: 1.825 ug/l
RT: 4.09 min Scan# 270
Delta R.T. 0.01 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Tgt Ion: 59 Resp: 781

Ion	Ratio	Lower	Upper
59	100		
57	0.0	13.7	20.5#



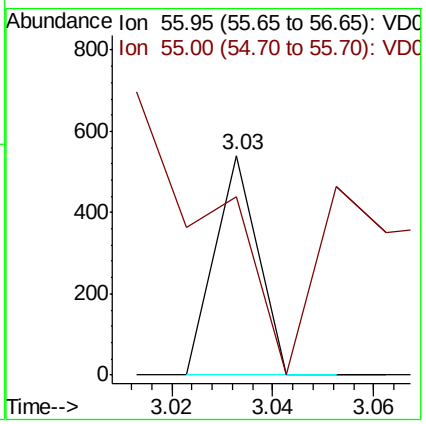


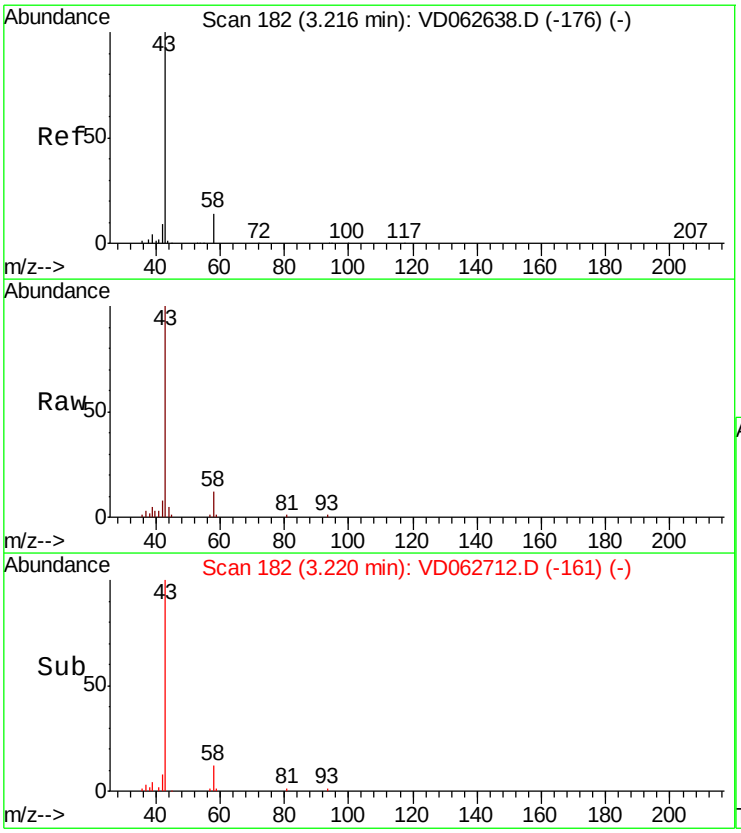
#13
Acrolein
Concen: 2.318 ug/l
RT: 3.03 min Scan# 163
Delta R.T. 0.00 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Instrument : MSVOA_D
ClientSampleId : BAT-B15RE

Tgt Ion: 56 Resp: 319

Ion	Ratio	Lower	Upper
56	100		
55	81.3	59.4	89.0

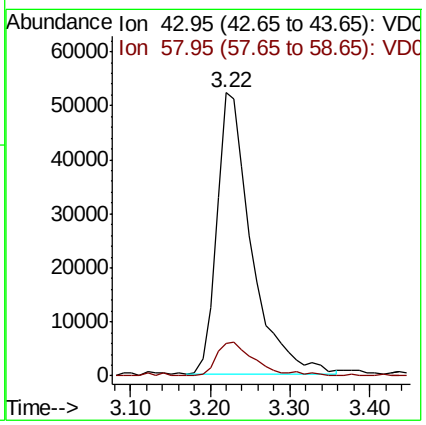


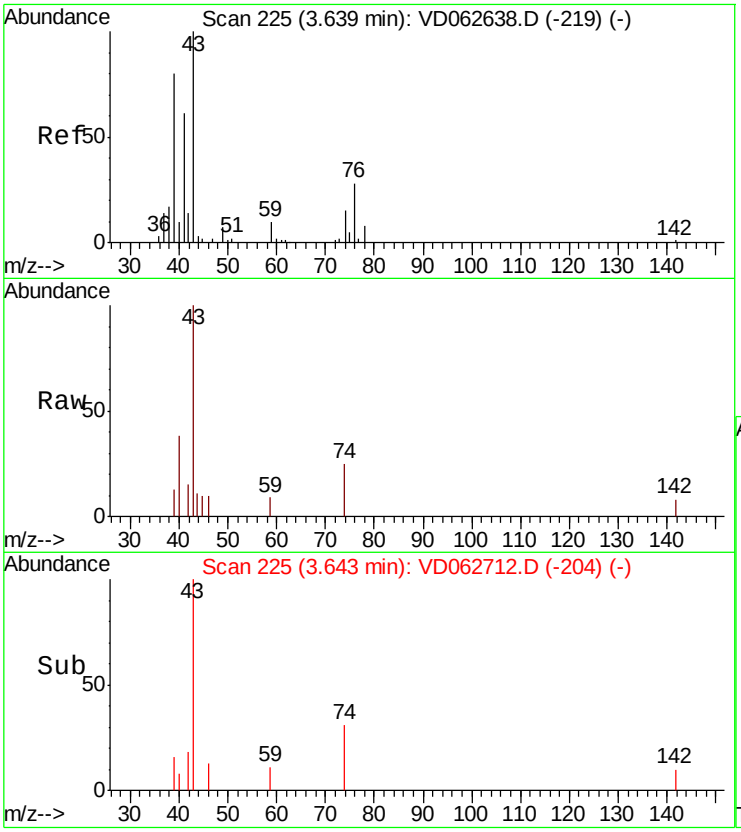


#16
Acetone
Concen: 82.531 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.00 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Tgt Ion: 43 Resp: 157301

Ion	Ratio	Lower	Upper
43	100		
58	11.7	10.8	16.2



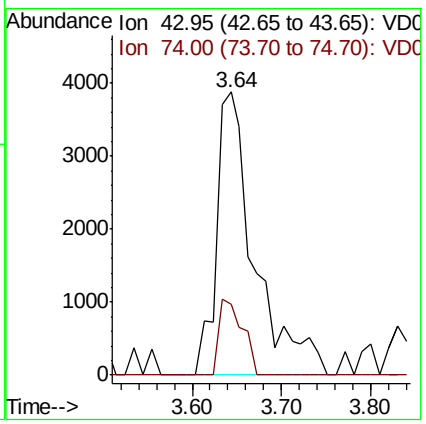


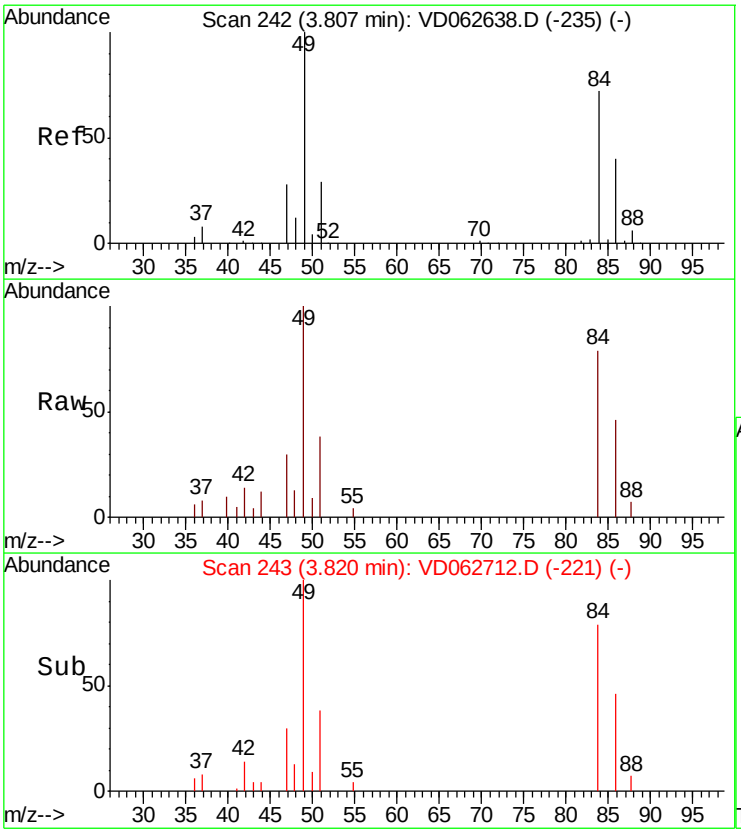
#18
Methyl Acetate
Concen: 3.679 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.00 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Instrument : MSVOA_D
ClientSampleId : BAT-B15RE

Tgt Ion: 43 Resp: 11525

Ion	Ratio	Lower	Upper
43	100		
74	25.1	12.1	18.1#

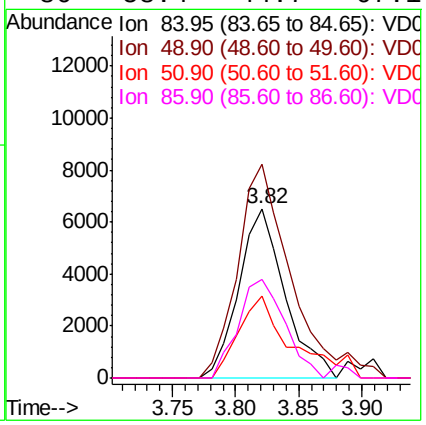


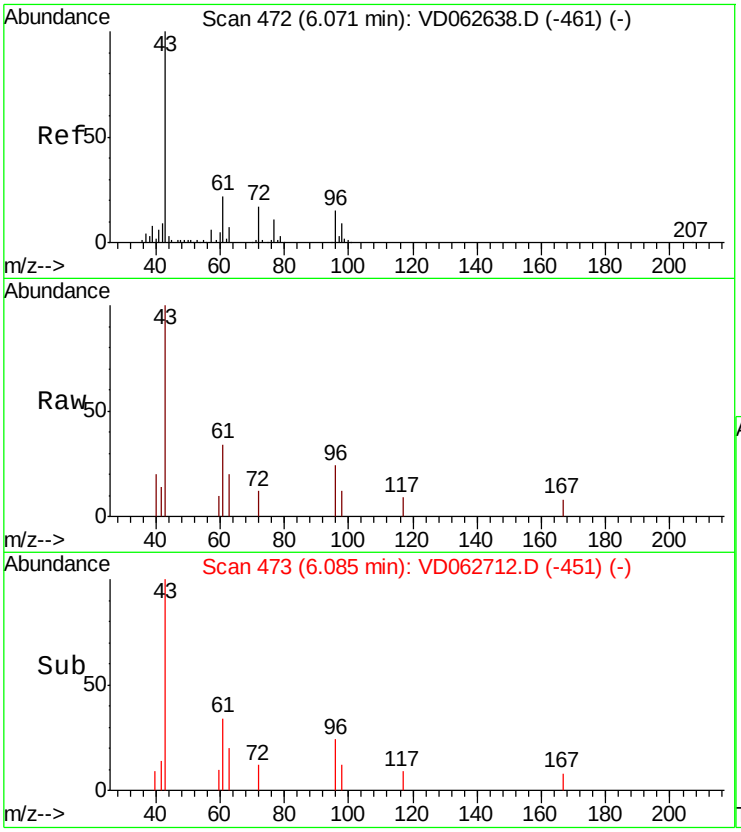


#20
Methylene Chloride
Concen: 1.878 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Tgt Ion: 84 Resp: 16588

Ion	Ratio	Lower	Upper
84	100		
49	126.0	111.2	166.8
51	48.3	31.9	47.9#
86	58.4	44.7	67.1



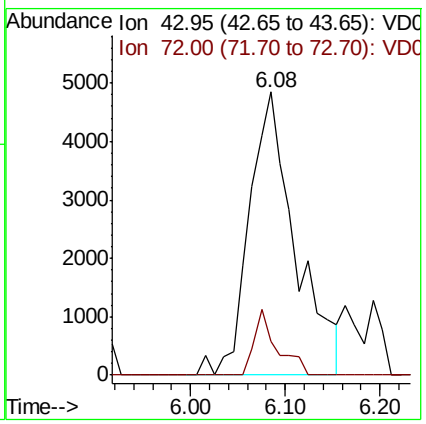


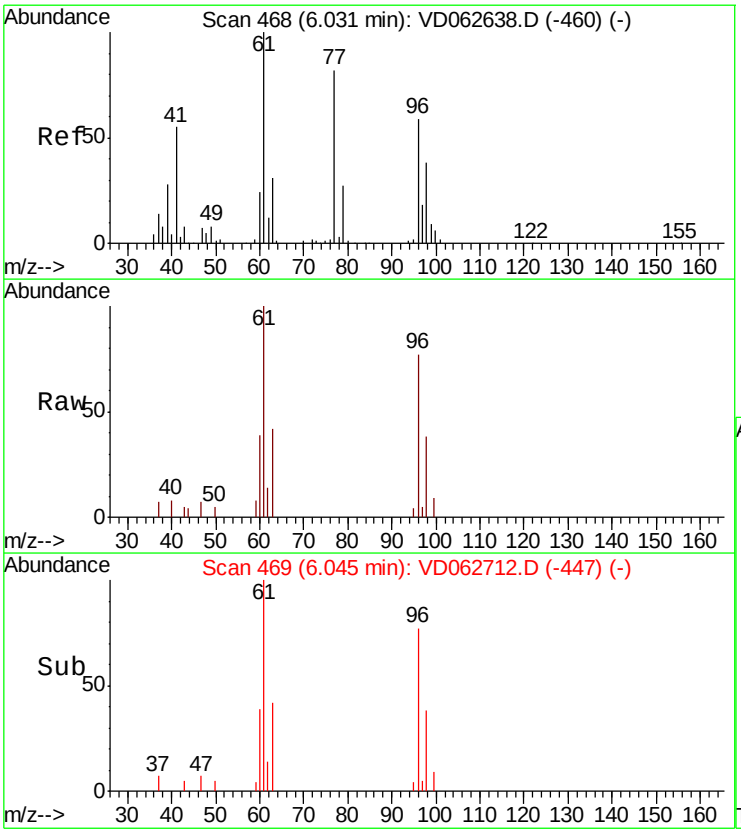
#25
2-Butanone
Concen: 8.836 ug/l
RT: 6.08 min Scan# 473
Delta R.T. 0.01 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Instrument : MSVOA_D
ClientSampleId : BAT-B15RE

Tgt Ion: 43 Resp: 16430

Ion	Ratio	Lower	Upper
43	100		
72	11.9	13.5	20.3#

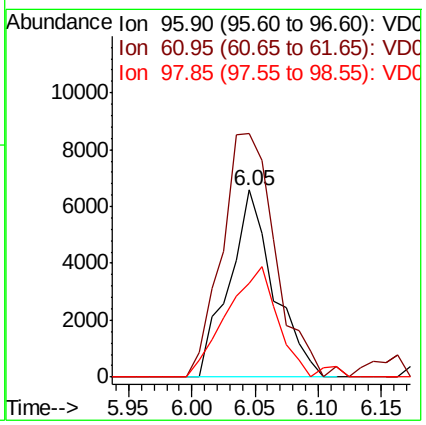


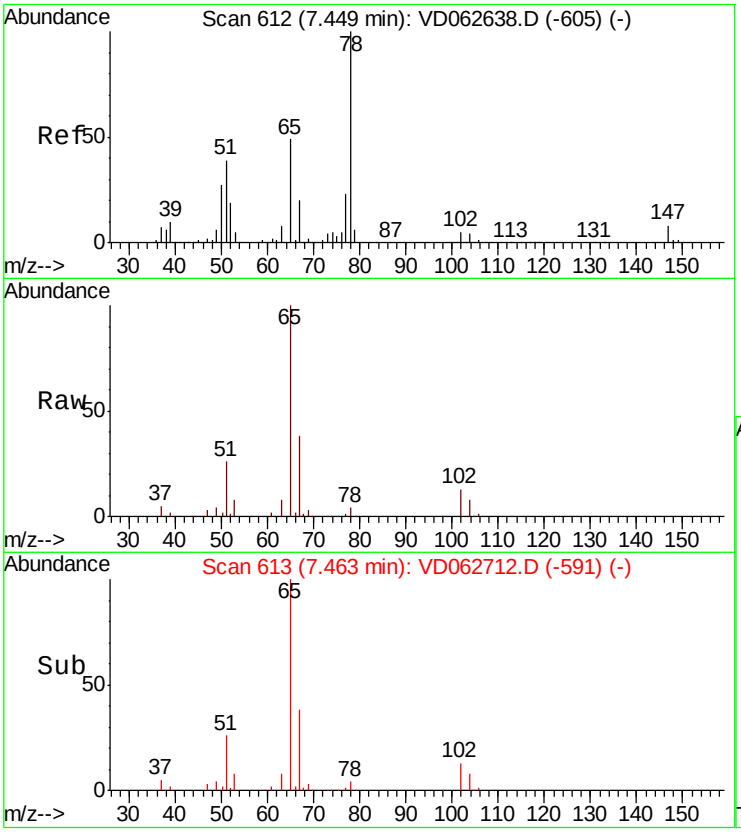


#27
cis-1,2-Dichloroethene
Concen: 2.127 ug/l
RT: 6.05 min Scan# 469
Delta R.T. 0.01 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Tgt Ion: 96 Resp: 16128

Ion	Ratio	Lower	Upper
96	100		
61	130.4	0.0	340.0
98	50.0	0.0	127.6



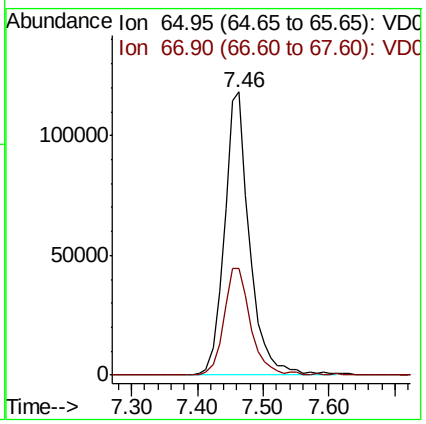


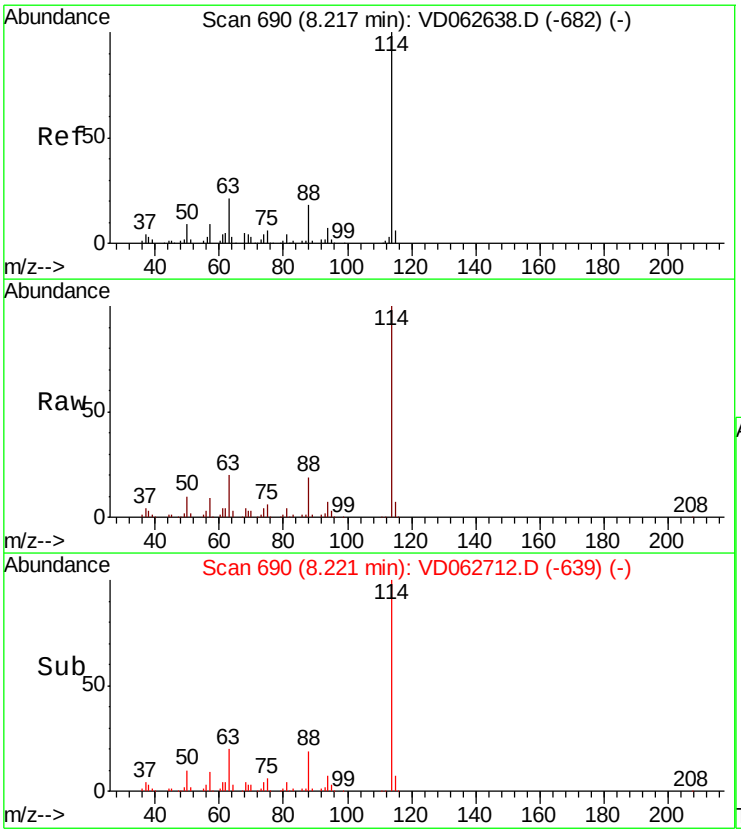
#33
1,2-Dichloroethane-d4
Concen: 30.213 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Instrument :
MSVOA_D
ClientSampleId :
BAT-B15RE

Tgt Ion: 65 Resp: 314476

Ion	Ratio	Lower	Upper
65	100		
67	37.8	0.0	81.8

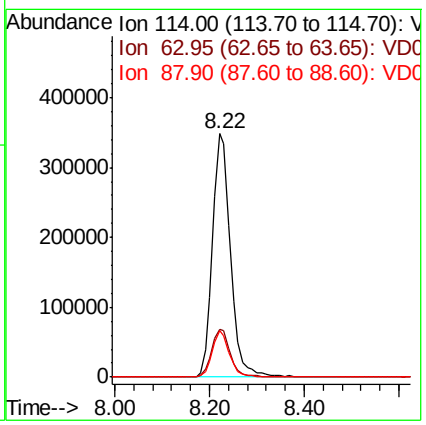


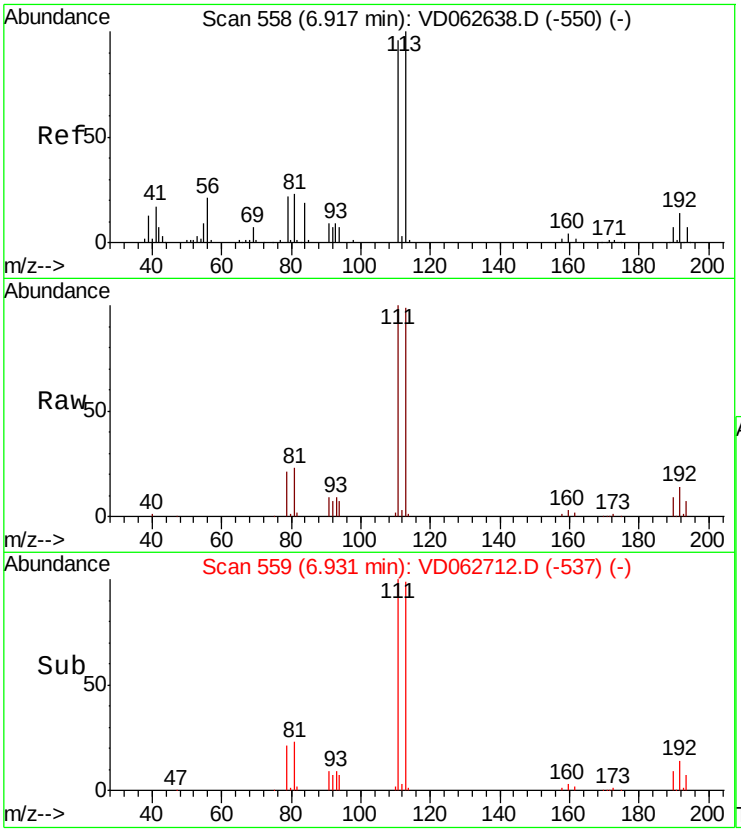


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.00 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Tgt Ion:114 Resp: 920447

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	42.4
88	18.9	0.0	36.8



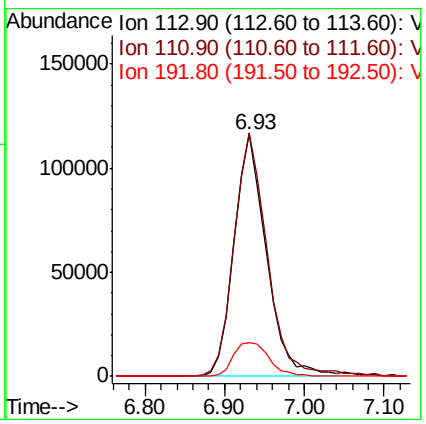


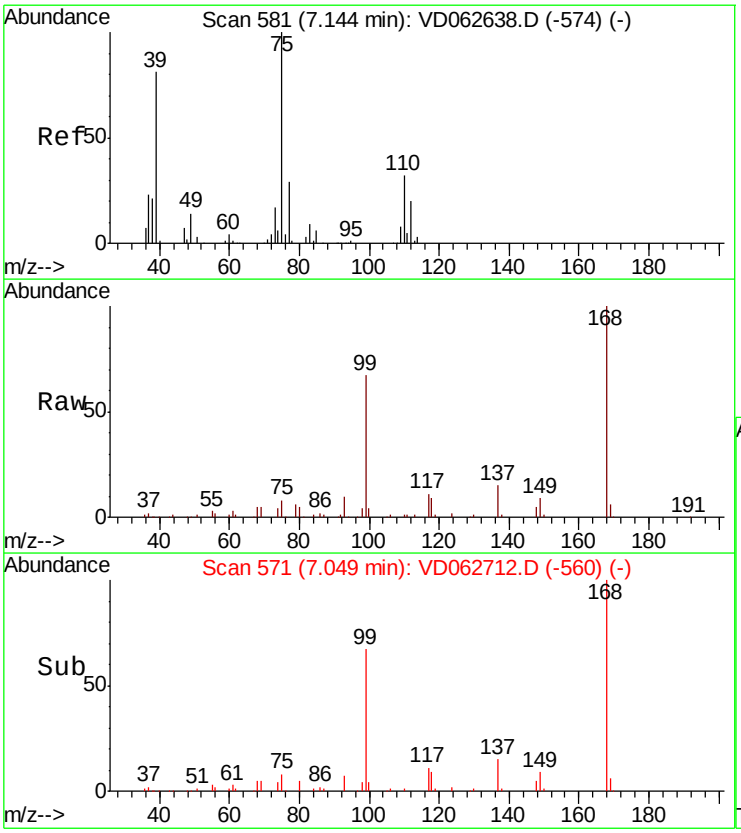
#35
Dibromofluoromethane
Concen: 33.589 ug/l
RT: 6.93 min Scan# 559
Delta R.T. 0.01 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Instrument :
MSVOA_D
ClientSampleId :
BAT-B15RE

Tgt Ion:113 Resp: 326061

Ion	Ratio	Lower	Upper
113	100		
111	100.6	76.4	114.6
192	14.1	11.4	17.0

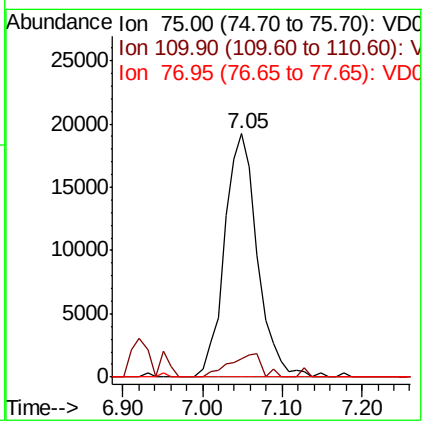


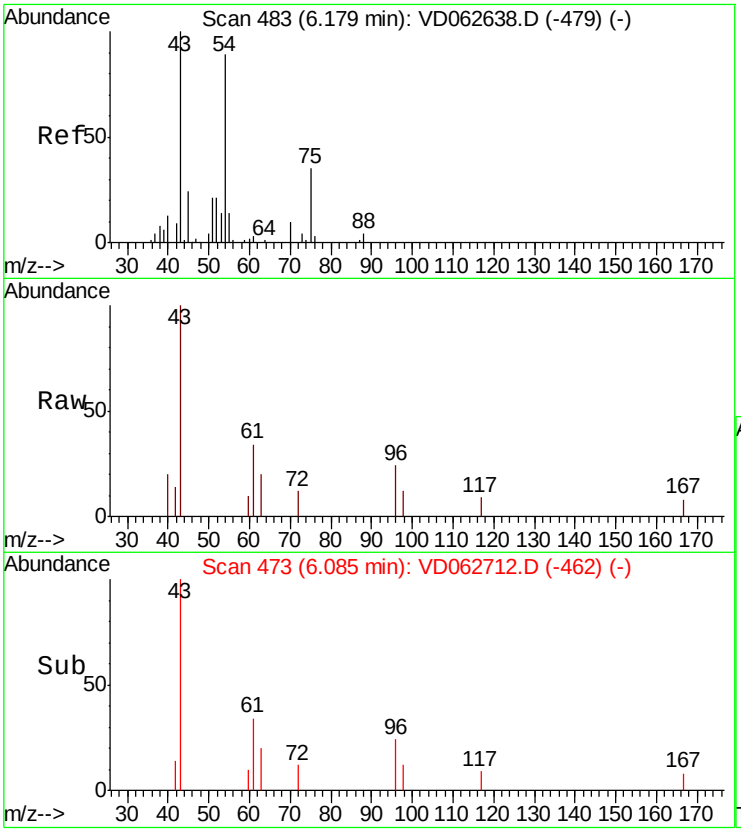


#36
1,1-Dichloropropene
Concen: 5.258 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.09 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Tgt Ion: 75 Resp: 55387

Ion	Ratio	Lower	Upper
75	100		
110	7.5	15.9	47.7#
77	0.0	23.3	34.9#



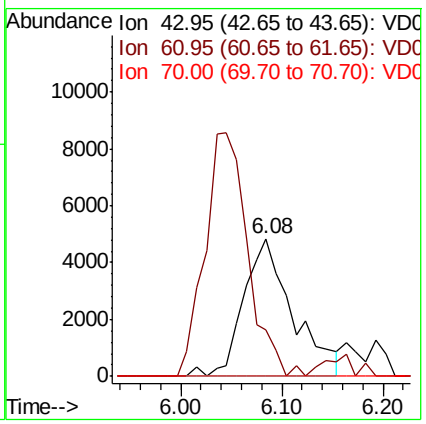


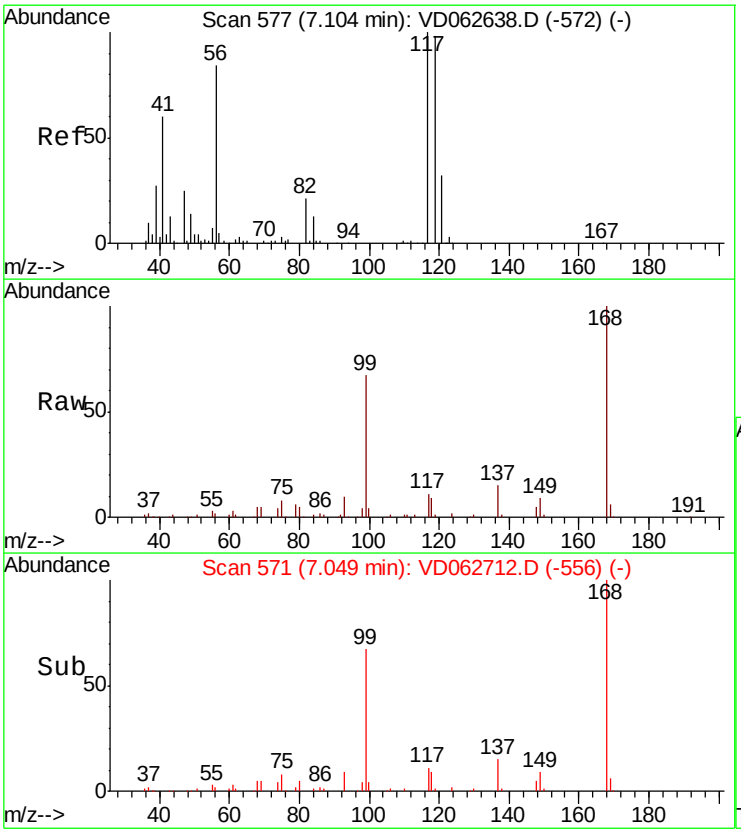
#37
Ethyl Acetate
Concen: 4.771 ug/l
RT: 6.08 min Scan# 473
Delta R.T. -0.09 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Instrument : MSVOA_D
ClientSampleId : BAT-B15RE

Tgt Ion: 43 Resp: 16429

Ion	Ratio	Lower	Upper
43	100		
61	34.0	8.7	13.1#
70	0.0	6.5	9.7#

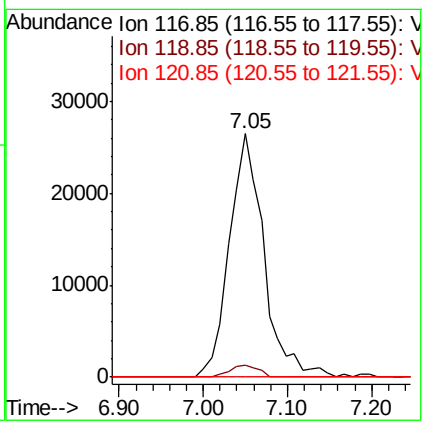


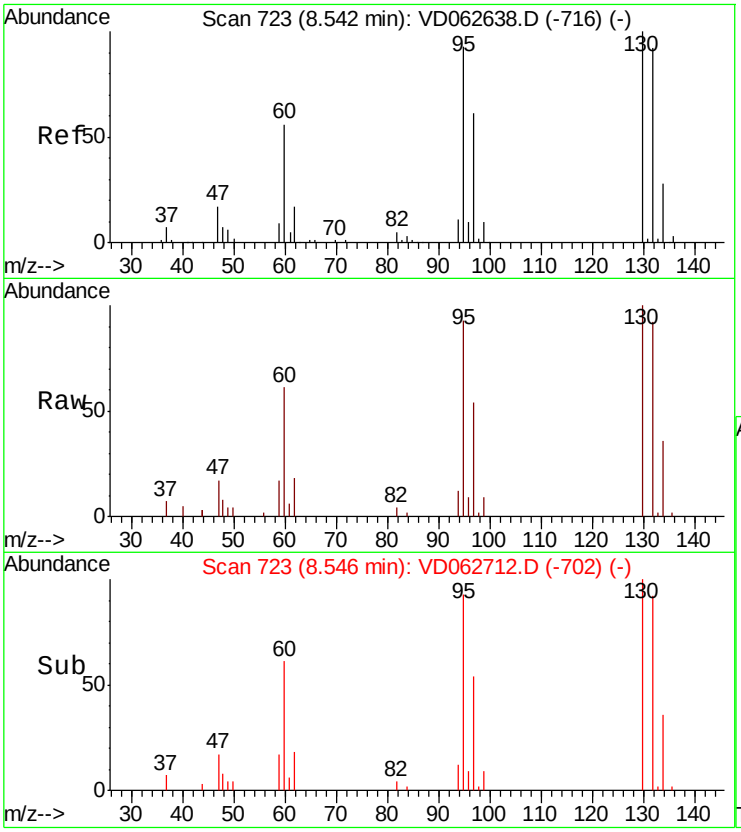


#38
Carbon Tetrachloride
Concen: 4.528 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.06 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Tgt Ion:117 Resp: 75396

Ion	Ratio	Lower	Upper
117	100		
119	4.7	73.5	110.3#
121	0.0	24.2	36.4#



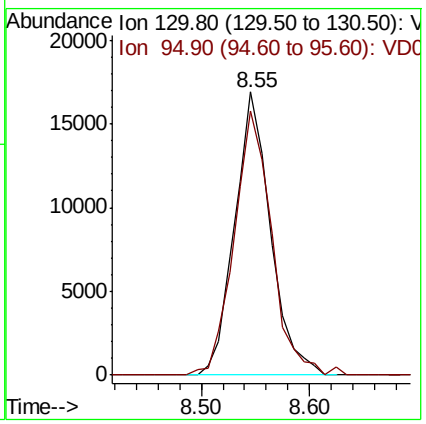


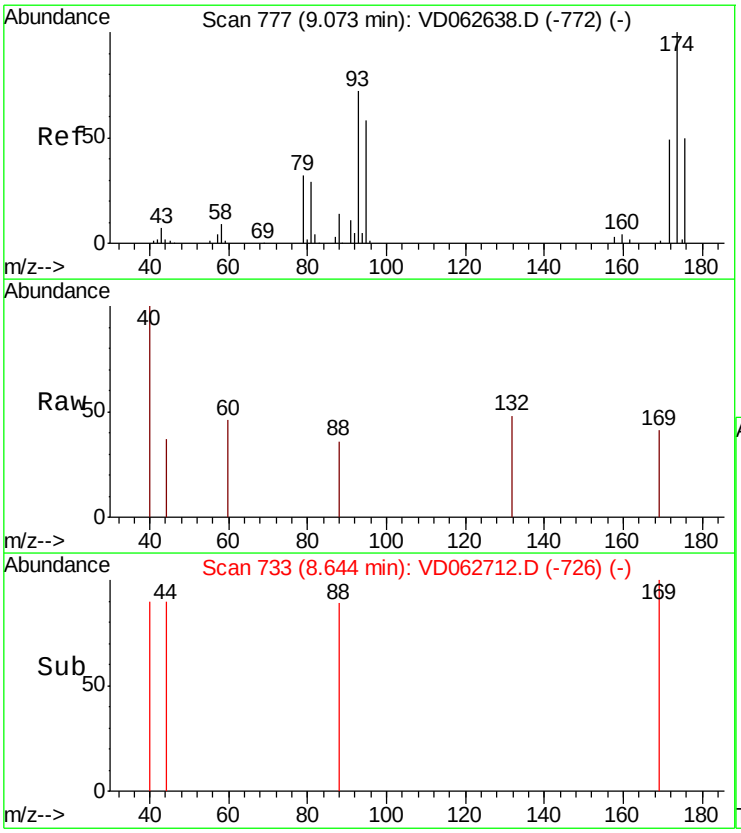
#44
Trichloroethene
Concen: 4.654 ug/l
RT: 8.55 min Scan# 723
Delta R.T. 0.00 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Instrument :
MSVOA_D
ClientSampleId :
BAT-B15RE

Tgt Ion:130 Resp: 38874

Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	185.6

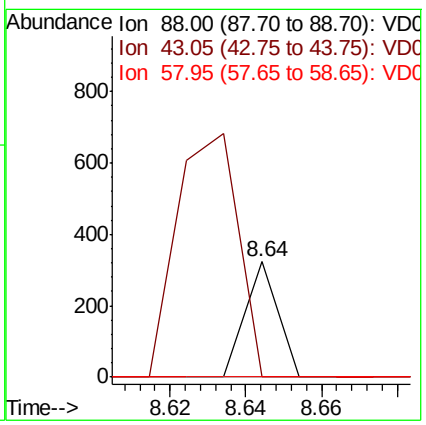


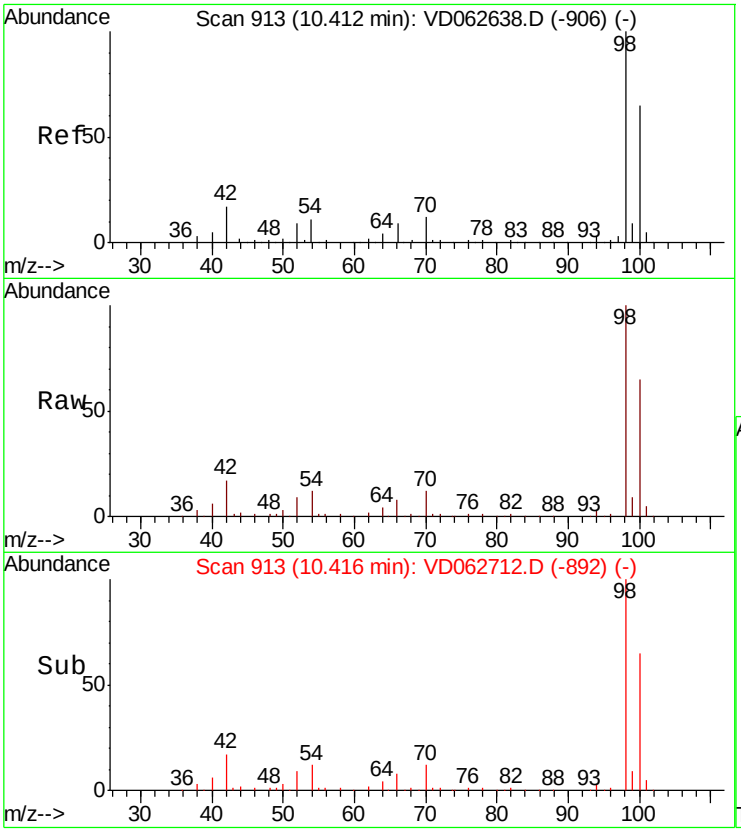


#49
1,4-Dioxane
Concen: 52.331 ug/l
RT: 8.64 min Scan# 733
Delta R.T. -0.43 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Tgt Ion: 88 Resp: 191

Ion	Ratio	Lower	Upper
88	100		
43	0.0	40.7	61.1#
58	0.0	54.2	81.4#



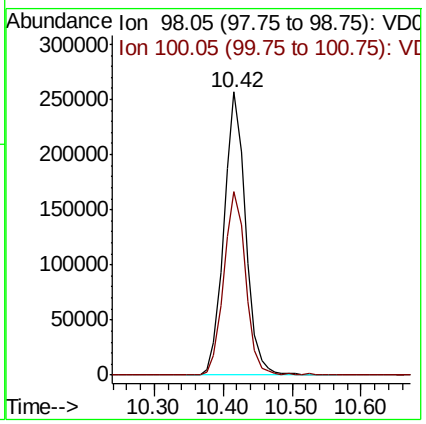


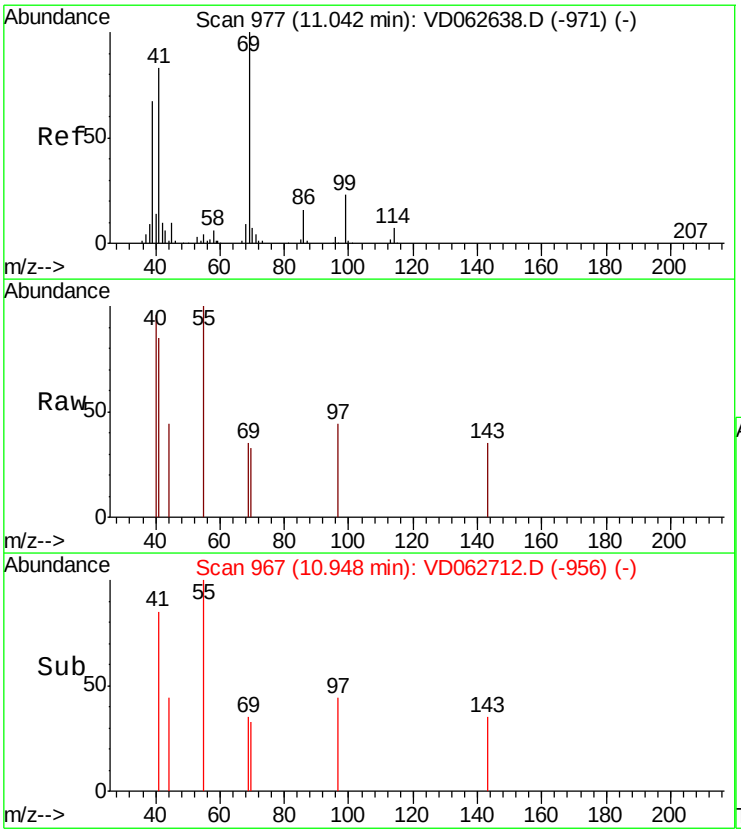
#50
Toluene-d8
Concen: 27.295 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Instrument : MSVOA_D
ClientSampleId : BAT-B15RE

Tgt Ion: 98 Resp: 557394

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.1	78.1

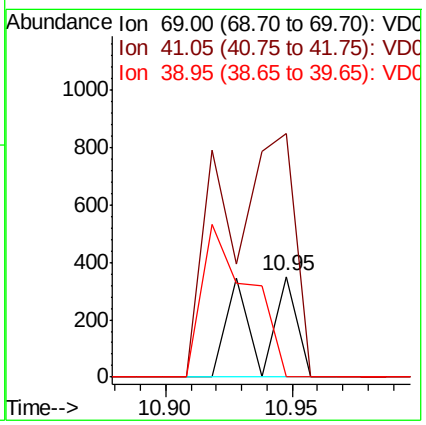


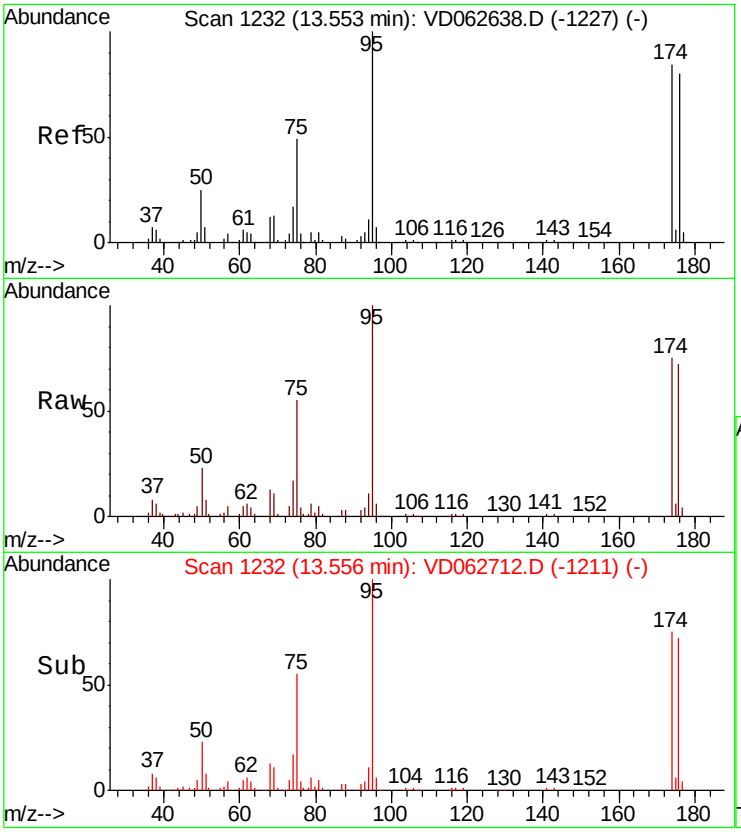


#56
Ethyl methacrylate
Concen: 4.006 ug/l
RT: 10.95 min Scan# 967
Delta R.T. -0.09 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Tgt Ion: 69 Resp: 412

Ion	Ratio	Lower	Upper
69	100		
41	125.4	66.2	99.4#
39	0.0	53.8	80.8#



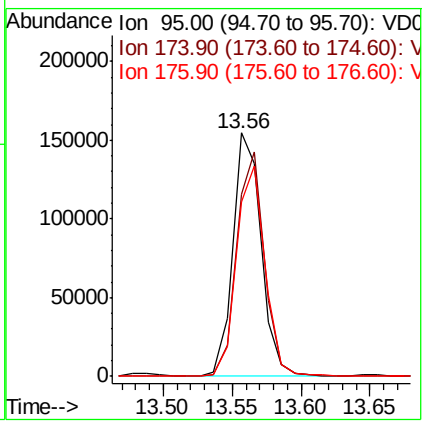


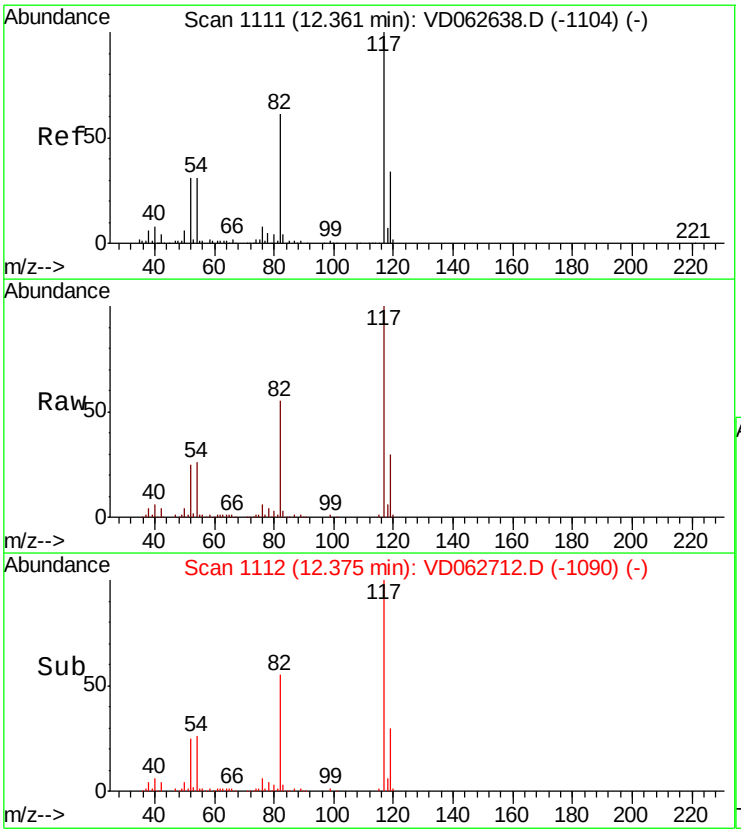
#62
4-Bromofluorobenzene
Concen: 23.231 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Instrument :
MSVOA_D
ClientSampleId :
BAT-B15RE

Tgt Ion: 95 Resp: 221326

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	167.0
176	71.8	0.0	159.2

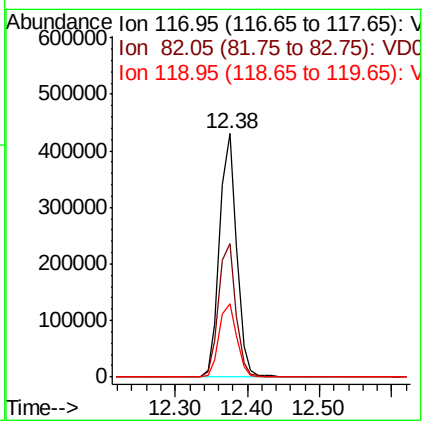


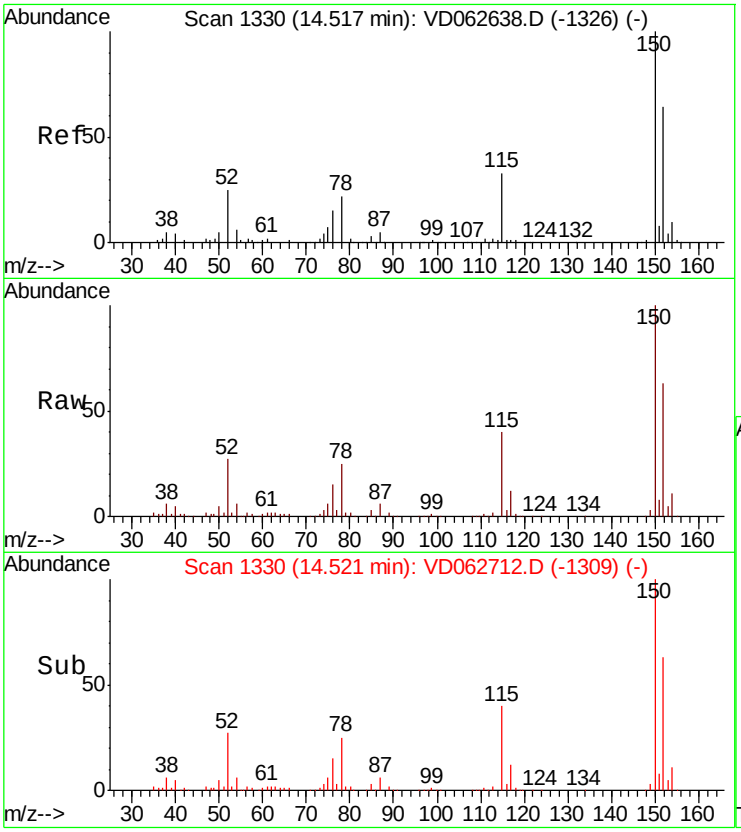


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Tgt Ion:117 Resp: 704838

Ion	Ratio	Lower	Upper
117	100		
82	54.9	48.7	73.1
119	30.2	27.0	40.6



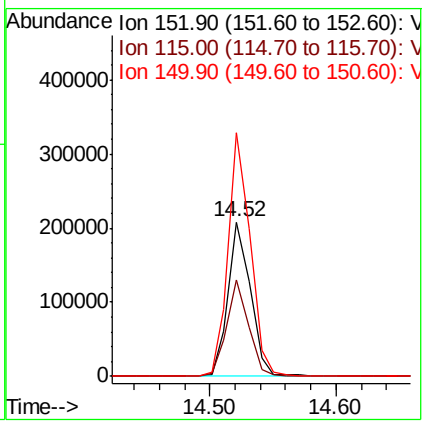


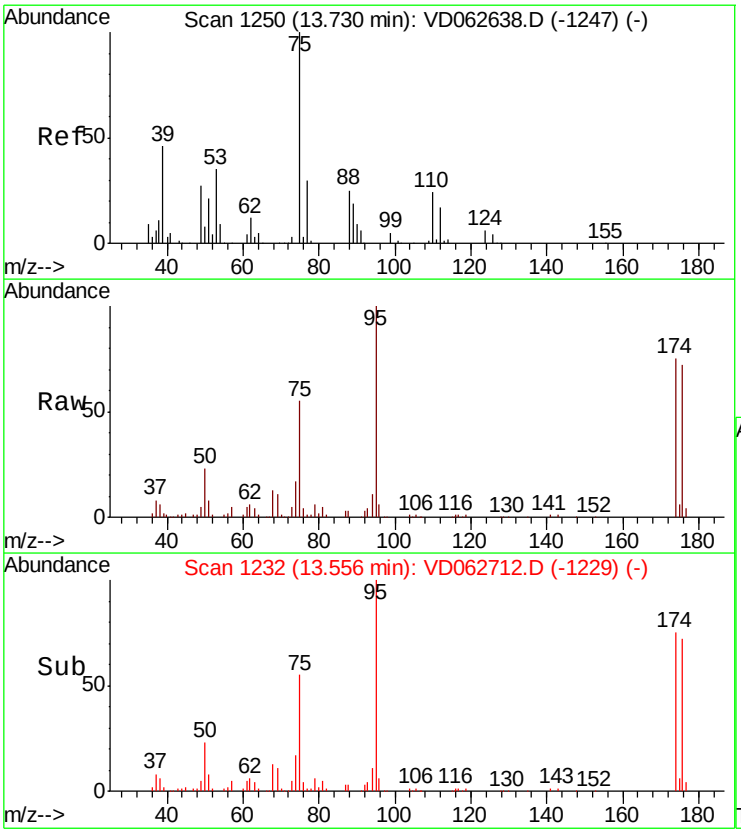
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Instrument : MSVOA_D
ClientSampleId : BAT-B15RE

Tgt Ion:152 Resp: 255808

Ion	Ratio	Lower	Upper
152	100		
115	62.8	30.1	90.5
150	157.7	0.0	314.0

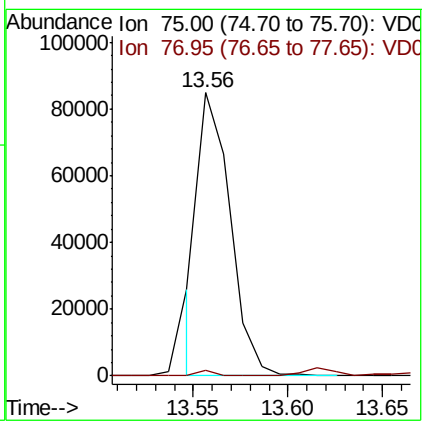


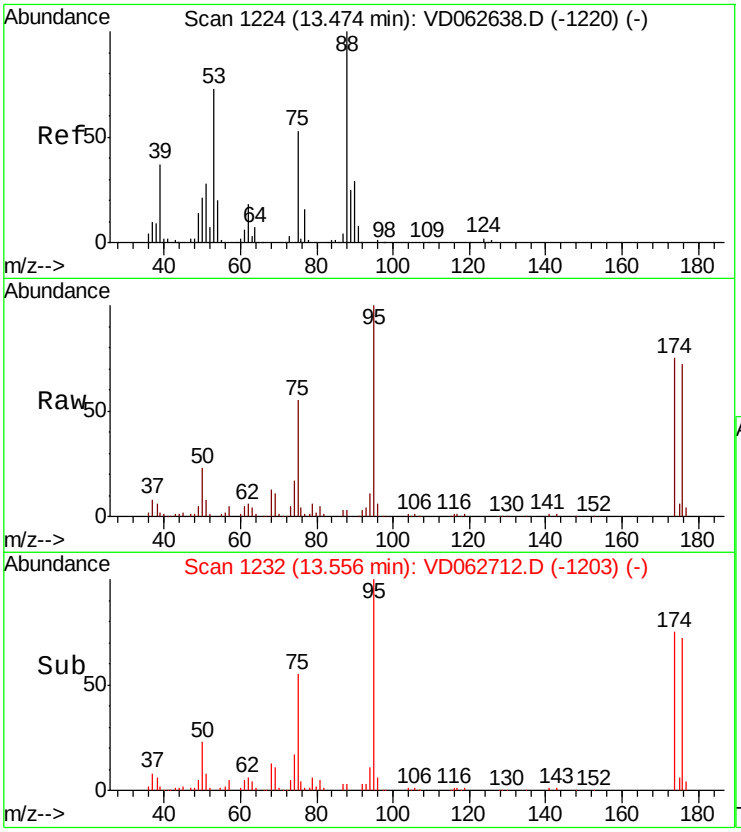


#76
1,2,3-Trichloropropane
Concen: 29.184 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.17 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Tgt Ion: 75 Resp: 101224

Ion	Ratio	Lower	Upper
75	100		
77	1.8	16.2	48.6#



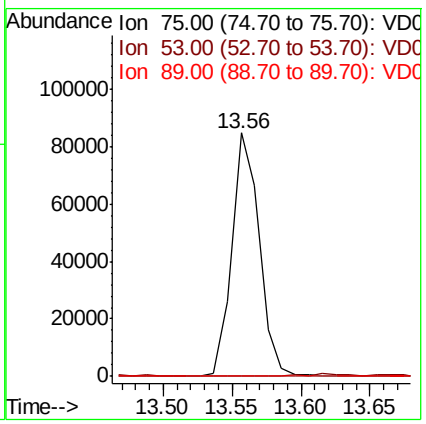


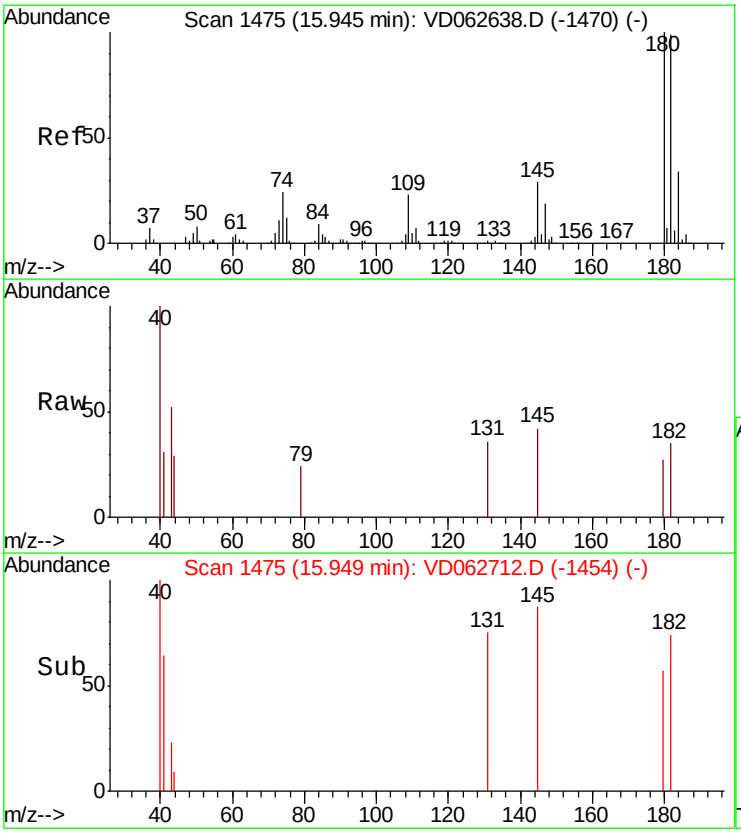
#81
trans-1,4-Dichloro-2-butene
Concen: 108.953 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Instrument :
MSVOA_D
ClientSampleId :
BAT-B15RE

Tgt Ion: 75 Resp: 117192

Ion	Ratio	Lower	Upper
75	100		
53	0.0	109.4	164.2#
89	0.0	37.0	55.6#

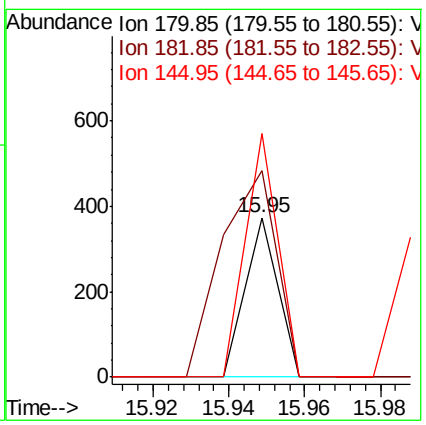


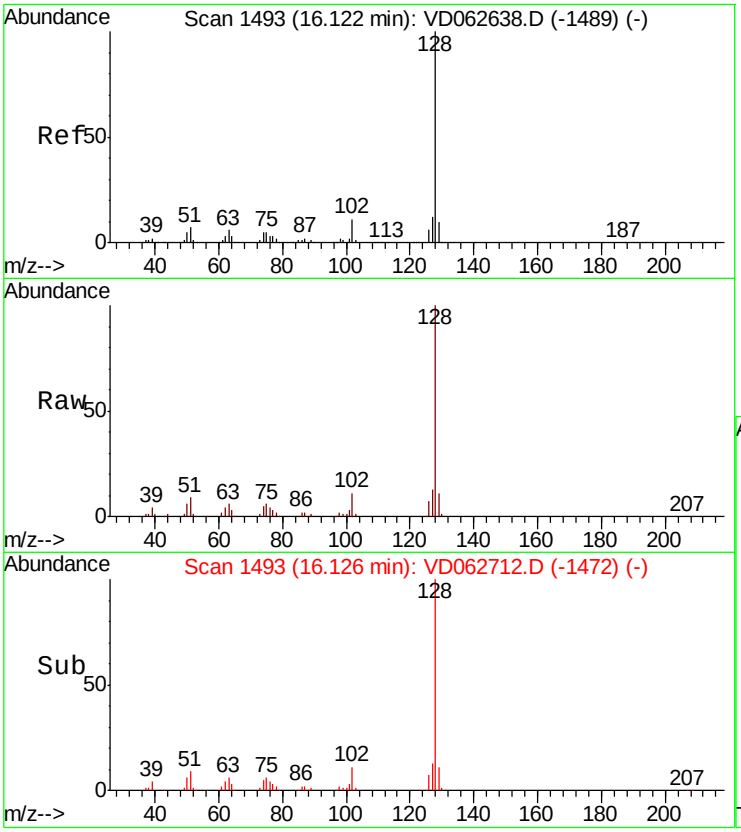


#93
1,2,4-Trichlorobenzene
Concen: 3.599 ug/l
RT: 15.95 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Tgt Ion:180 Resp: 221

Ion	Ratio	Lower	Upper
180	100		
182	129.4	49.4	148.2
145	152.4	14.5	43.6#





#95
Naphthalene
Concen: 17.602 ug/l
RT: 16.13 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062712.D
Acq: 14 Jun 2019 15:44

Instrument :
MSVOA_D
ClientSampleId :
BAT-B15RE

Tgt Ion:128 Resp: 141098

Ion	Ratio	Lower	Upper
128	100		
127	12.8	9.7	14.5
129	11.0	8.1	12.1