Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081519\
Data File : VD063616.D
Acq On : 15 Aug 2019 20:06
Operator : JC/SY
Sample : K4356-13
Misc : 3.67g/5ml/MSVOA_D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-7

Quant Time: Aug 16 01:07:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	514450	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	618537	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	296717	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	54901	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	264827	48.16	ug/l	-0.03
Spiked Amount 50.000			Recovery = 96.32%			
35) Dibromofluoromethane	6.91	113	274973	52.78	ug/l	-0.02
Spiked Amount 50.000			Recovery = 105.56%			
50) Toluene-d8	10.40	98	391717	34.20	ug/l	-0.02
Spiked Amount 50.000			Recovery = 68.40%			
62) 4-Bromofluorobenzene	13.55	95	77529	14.94	ug/l	-0.01
Spiked Amount 50.000			Recovery = 29.88%			
Target Compounds						Qvalue
5) Bromomethane	2.19	94	2429	1.066	ug/l #	11
11) Tert butyl alcohol	4.07	59	276	1.153	ug/l #	71
13) Acrolein	3.01	56	385	1.634	ug/l #	18
16) Acetone	3.20	43	296567	265.300	ug/l	94
17) Carbon Disulfide	3.36	76	31415	2.395	ug/l #	77
18) Methyl Acetate	3.64	43	5741	2.711	ug/l #	57
20) Methylene Chloride	3.80	84	76611	15.849	ug/l	96
25) 2-Butanone	6.06	43	105803	95.833	ug/l	96
29) Tetrahydrofuran	6.43	42	4887	9.499	ug/l #	58
31) Cyclohexane	7.03	56	11845	2.386	ug/l #	1
37) Ethyl Acetate	6.06	43	97676	42.630	ug/l #	73
38) Carbon Tetrachloride	7.03	117	52001	6.310	ug/l #	16
41) Methacrylonitrile	6.44	41	4863	1.686	ug/l #	84
52) Toluene	10.51	92	13182	1.701	ug/l	78
81) trans-1,4-Dichloro-2-buten	13.55	75	32670	192.915	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	15.44	75	279	2.556	ug/l #	1

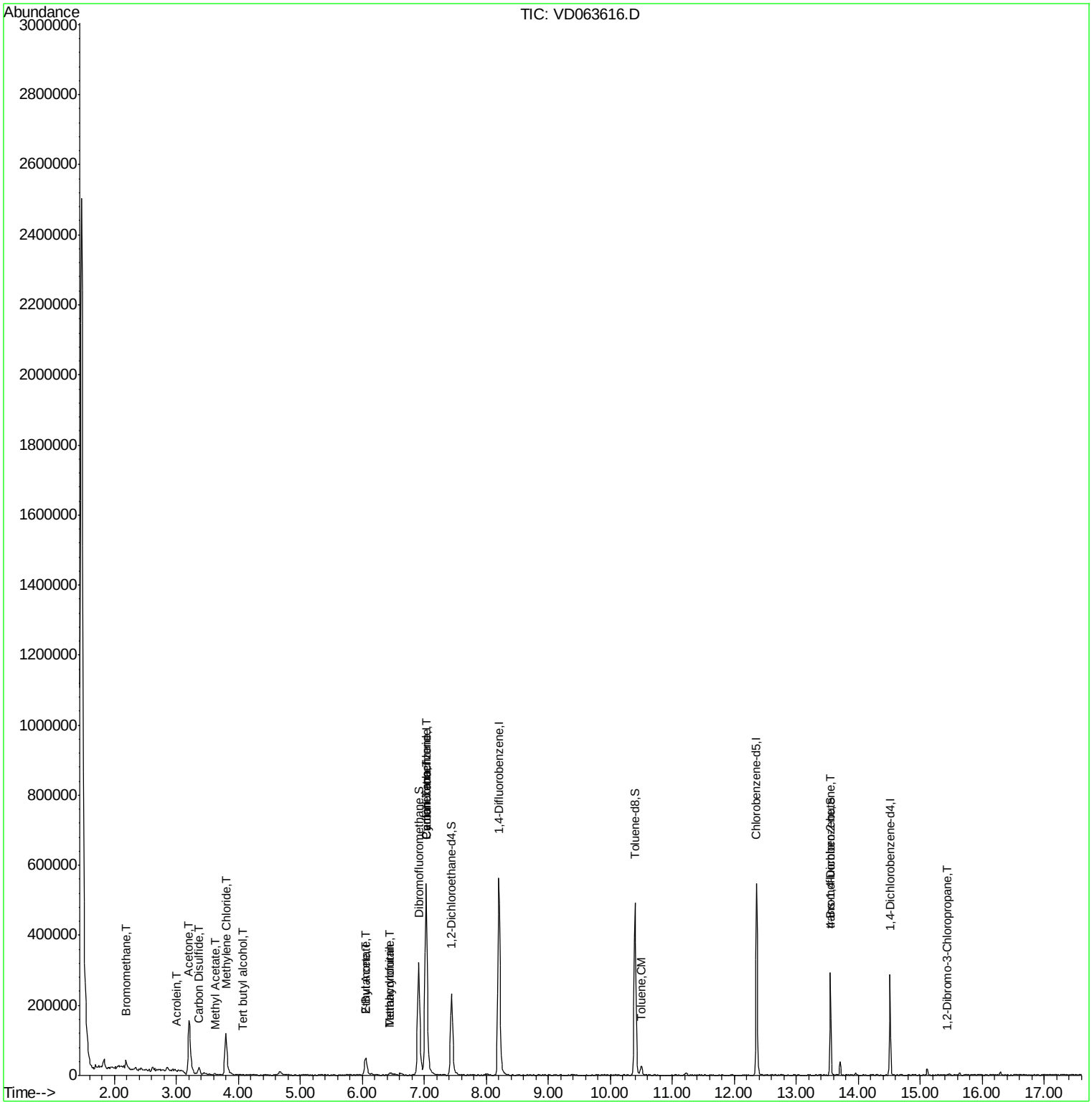
(#) = qualifier out of range (m) = manual integration (+) = signals summed

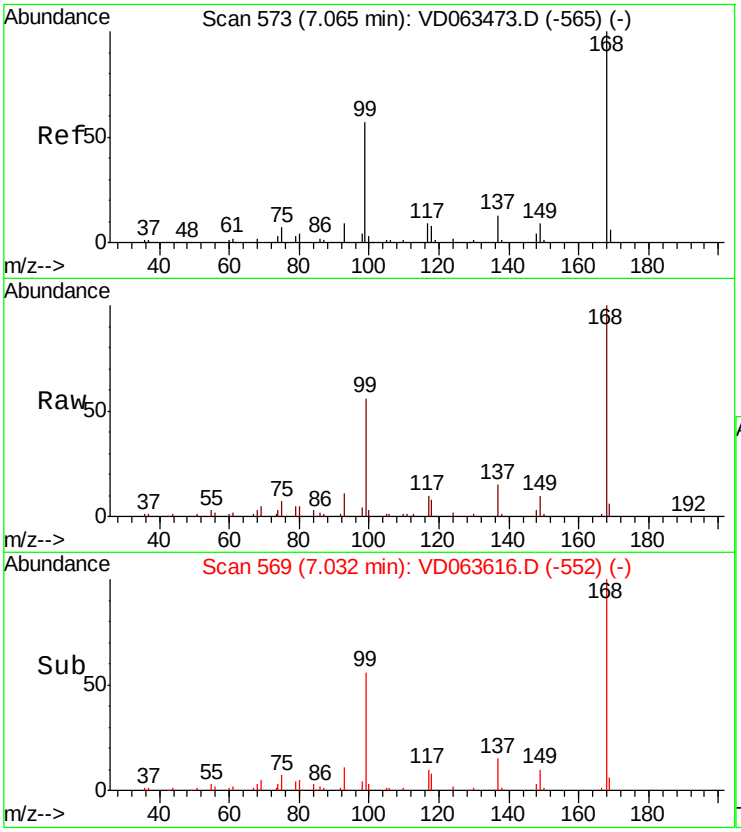
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081519\
Data File : VD063616.D
Acq On : 15 Aug 2019 20:06
Operator : JC/SY
Sample : K4356-13
Misc : 3.67g/5ml/MSVOA_D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-7

Quant Time: Aug 16 01:07:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration



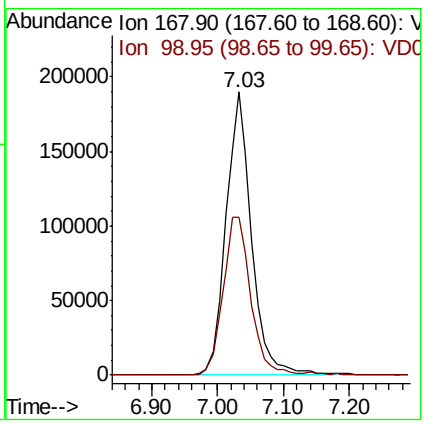


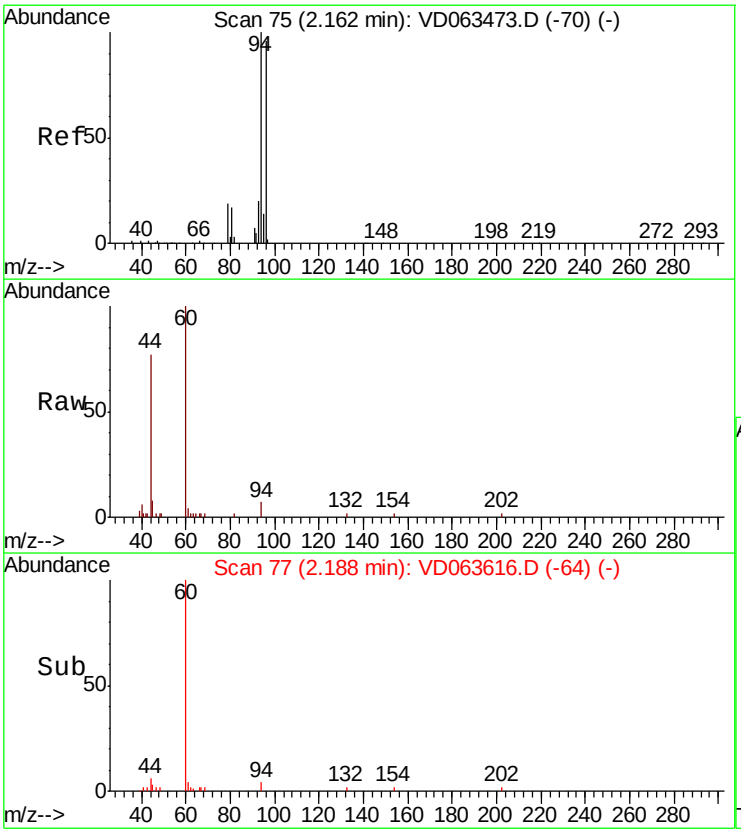
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.03 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Instrument :
MSVOA_D
ClientSampleId :
TP-7

Tgt Ion:168 Resp: 514450

Ion	Ratio	Lower	Upper
168	100		
99	56.0	46.7	70.1

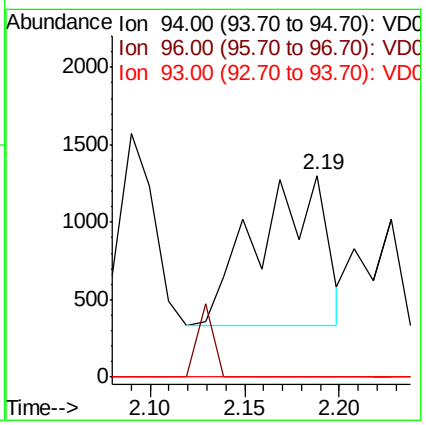


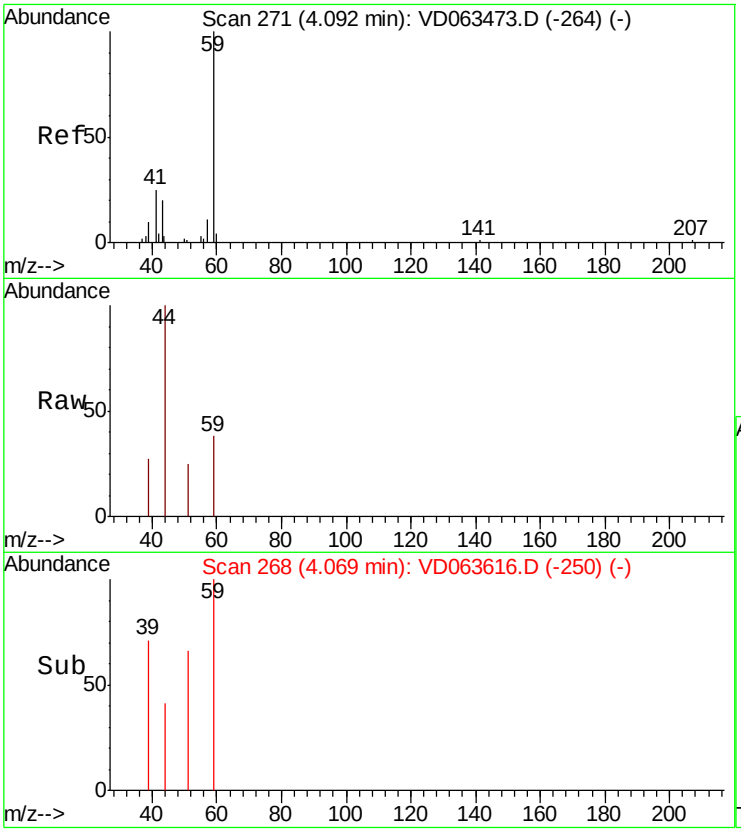


#5
Bromomethane
Concen: 1.066 ug/l
RT: 2.19 min Scan# 77
Delta R.T. 0.03 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Tgt Ion: 94 Resp: 2429

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.5	114.7#
93	0.0	15.8	23.8#



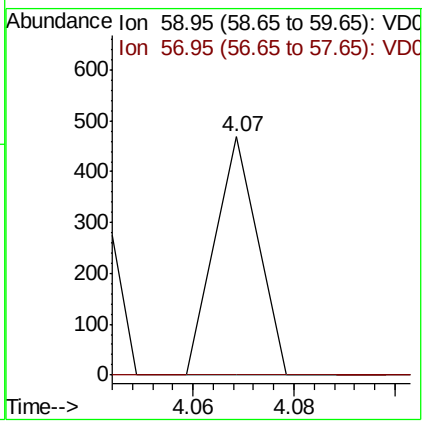


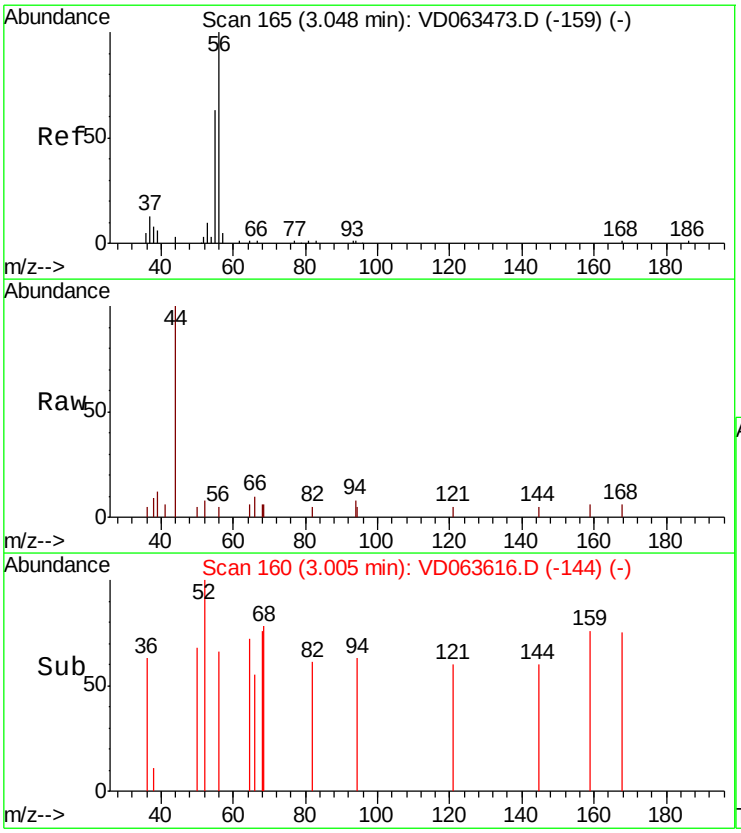
#11
Tert butyl alcohol
Concen: 1.153 ug/l
RT: 4.07 min Scan# 268
Delta R.T. -0.02 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Instrument : MSVOA_D
ClientSampleId : TP-7

Tgt Ion: 59 Resp: 276

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#

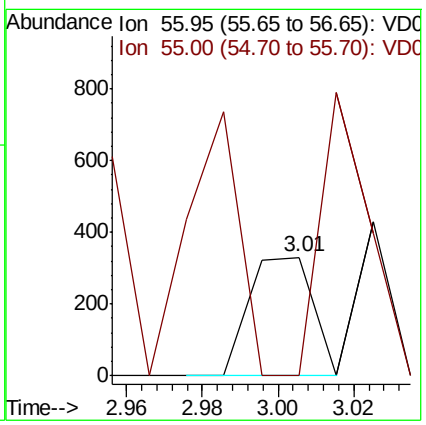


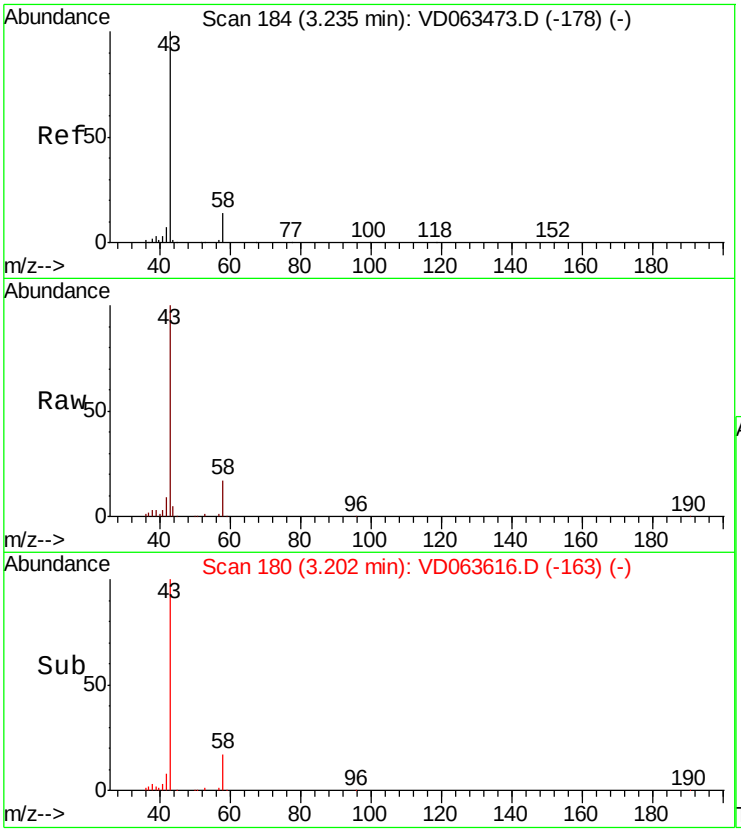


#13
Acrolein
Concen: 1.634 ug/l
RT: 3.01 min Scan# 160
Delta R.T. -0.04 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Tgt Ion: 56 Resp: 385

Ion	Ratio	Lower	Upper
56	100		
55	0.0	51.3	76.9#



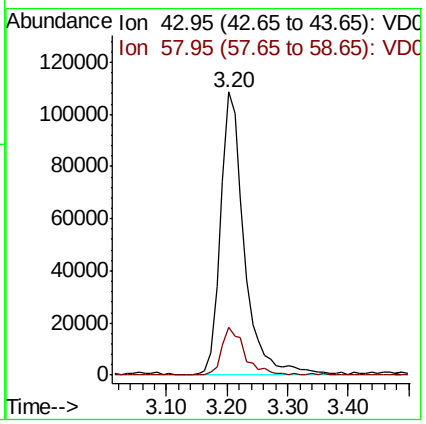


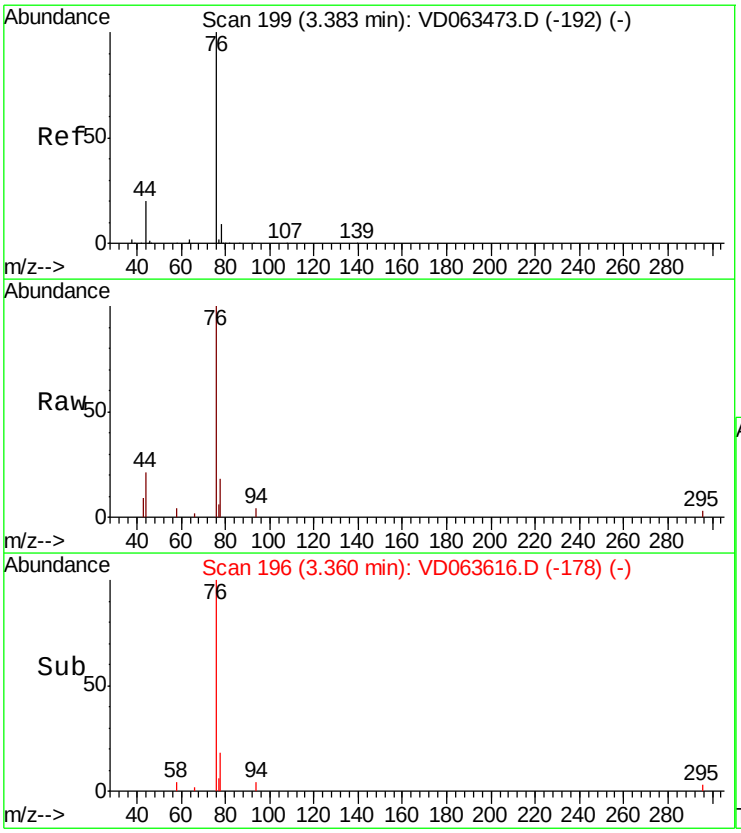
#16
Acetone
Concen: 265.300 ug/l
RT: 3.20 min Scan# 180
Delta R.T. -0.03 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Instrument :
MSVOA_D
ClientSampleId :
TP-7

Tgt Ion: 43 Resp: 296567

Ion	Ratio	Lower	Upper
43	100		
58	16.9	11.4	17.2

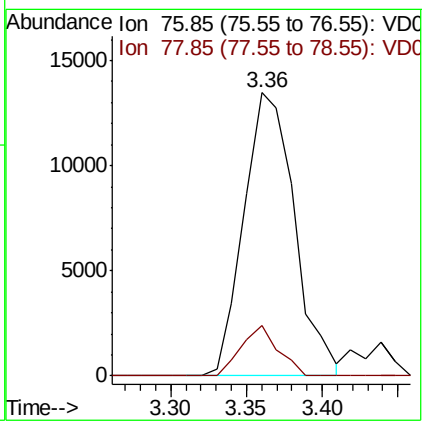


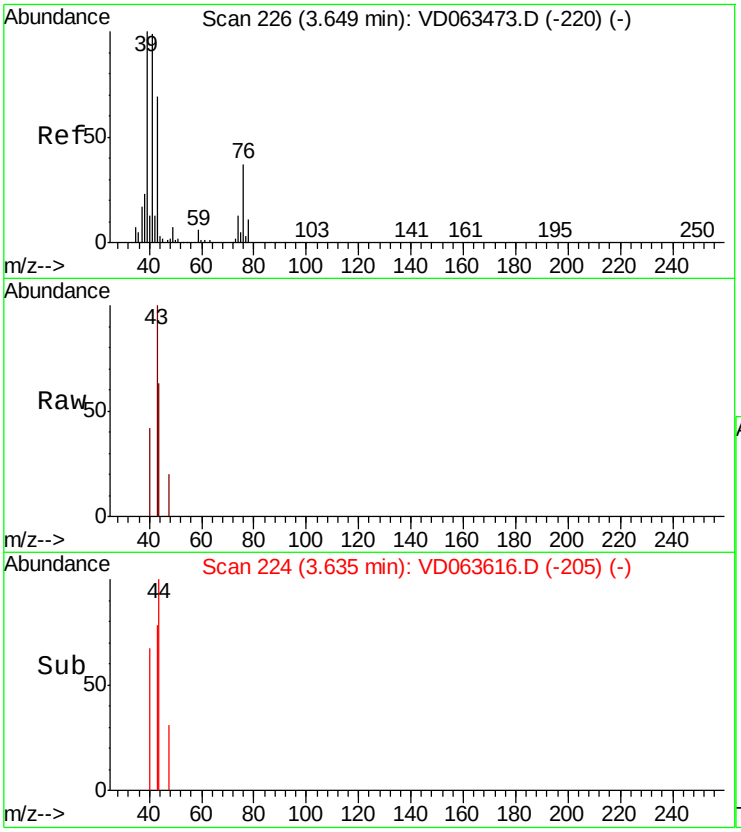


#17
Carbon Disulfide
Concen: 2.395 ug/l
RT: 3.36 min Scan# 196
Delta R.T. -0.02 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Tgt Ion: 76 Resp: 31415

Ion	Ratio	Lower	Upper
76	100		
78	17.6	7.4	11.0#



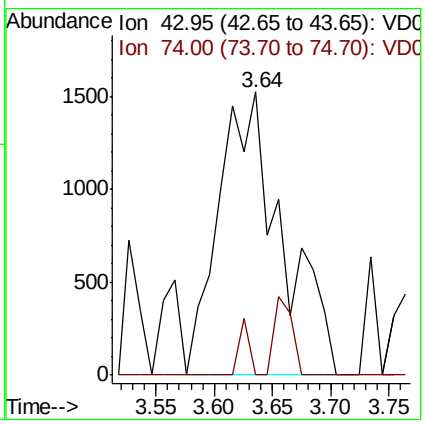


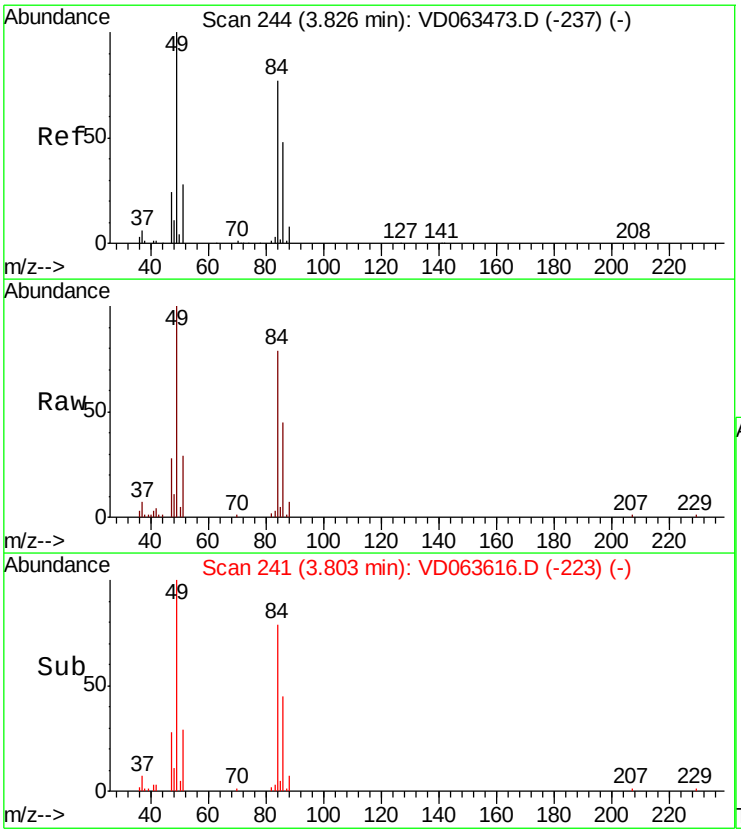
#18
Methyl Acetate
Concen: 2.711 ug/l
RT: 3.64 min Scan# 224
Delta R.T. -0.01 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Instrument : MSVOA_D
ClientSampleId : TP-7

Tgt Ion: 43 Resp: 5741

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.4	23.2#

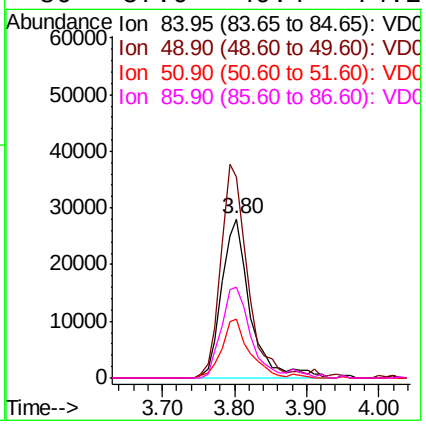


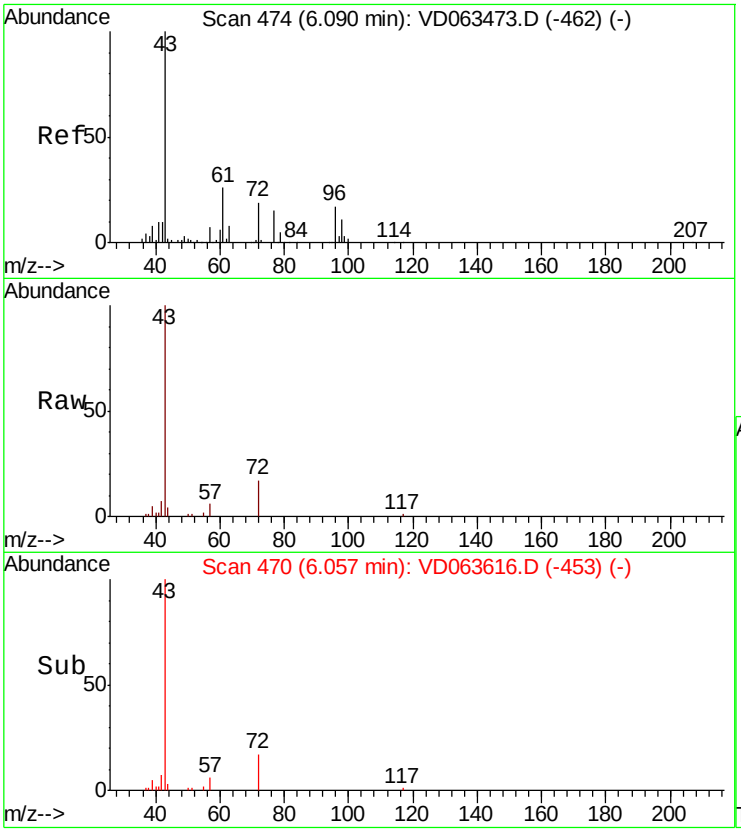


#20
Methylene Chloride
Concen: 15.849 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Tgt Ion: 84 Resp: 76611

Ion	Ratio	Lower	Upper
84	100		
49	126.1	103.4	155.2
51	36.9	28.5	42.7
86	57.0	49.4	74.2



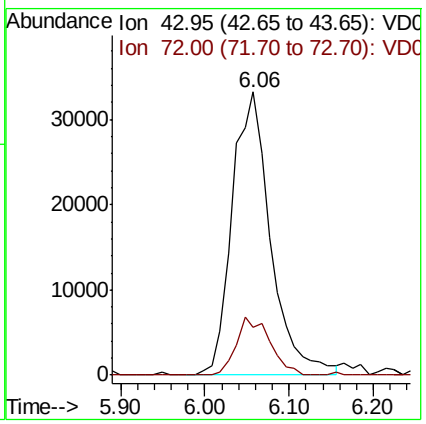


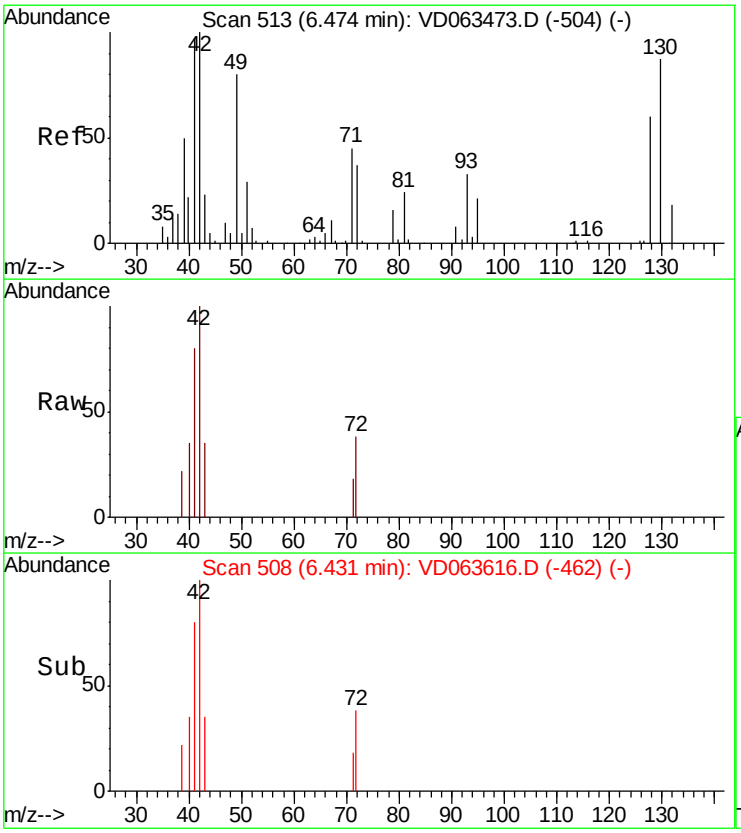
#25
2-Butanone
Concen: 95.833 ug/l
RT: 6.06 min Scan# 470
Delta R.T. -0.03 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Instrument : MSVOA_D
ClientSampleId : TP-7

Tgt Ion: 43 Resp: 105803

Ion	Ratio	Lower	Upper
43	100		
72	17.1	15.1	22.7

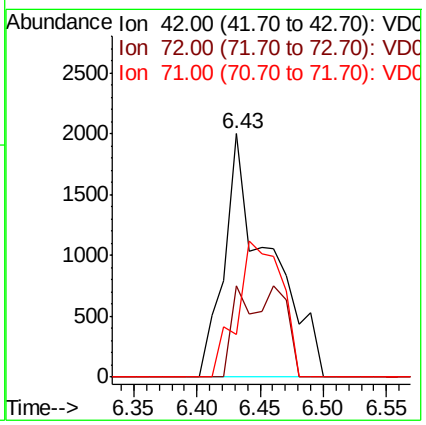


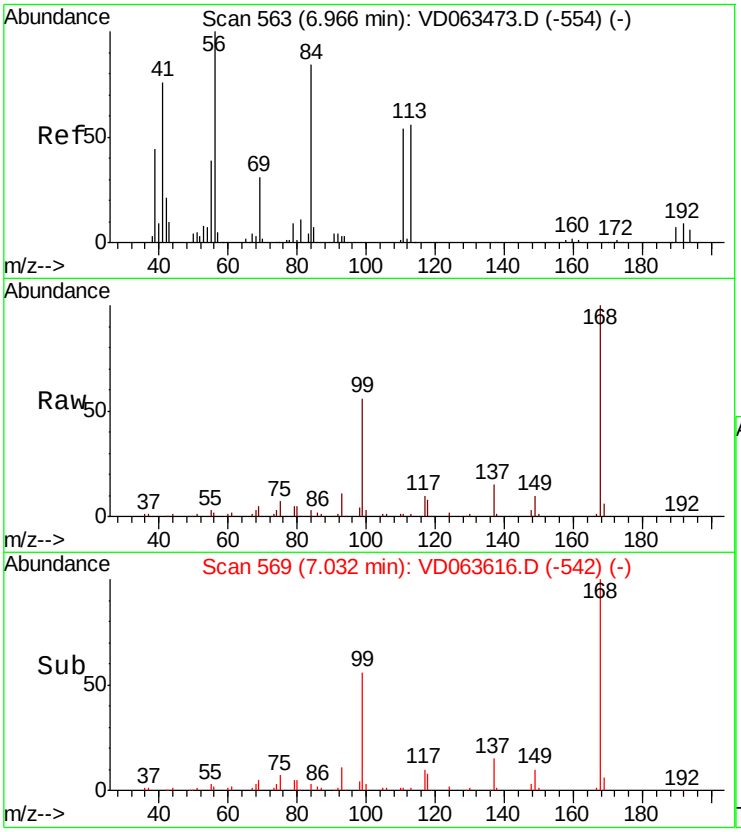


#29
Tetrahydrofuran
Concen: 9.499 ug/l
RT: 6.43 min Scan# 508
Delta R.T. -0.04 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Tgt Ion: 42 Resp: 4887

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.5	47.3#
71	55.6	33.8	50.8#



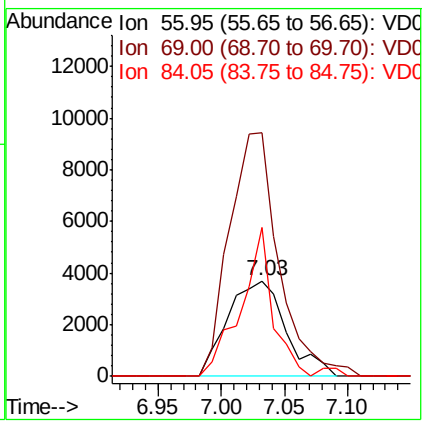


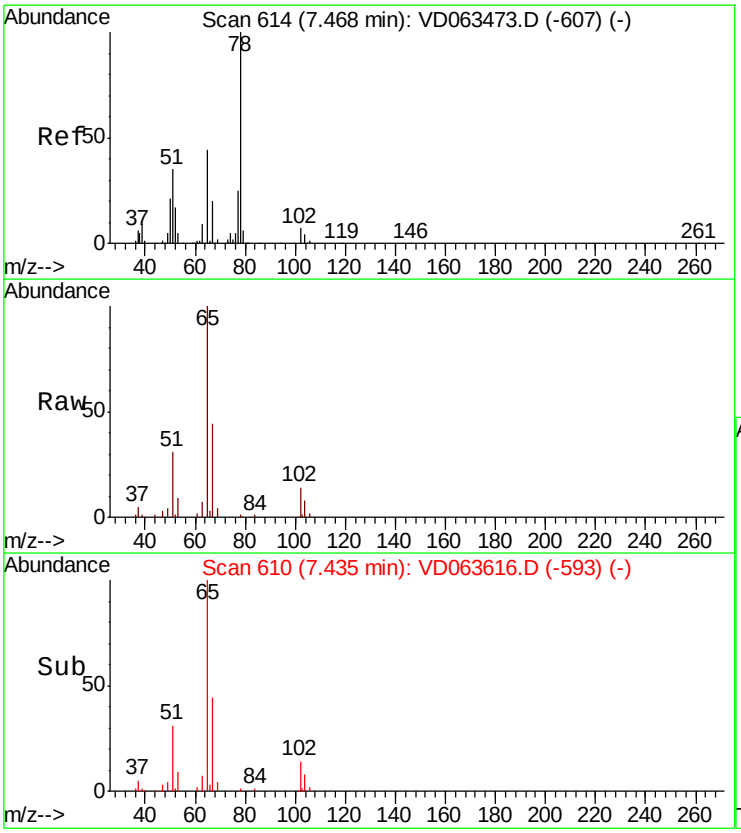
#31
Cyclohexane
Concen: 2.386 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.07 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Instrument :
MSVOA_D
ClientSampleId :
TP-7

Tgt Ion: 56 Resp: 11845

Ion	Ratio	Lower	Upper
56	100		
69	255.5	25.0	37.6#
84	156.4	69.7	104.5#

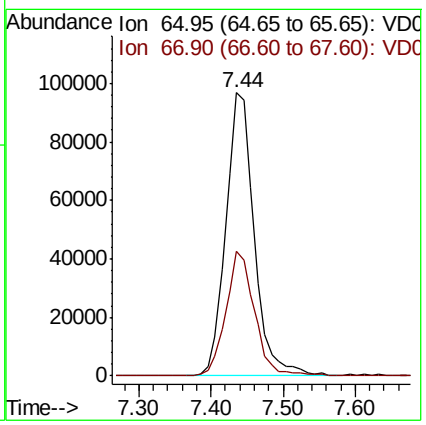


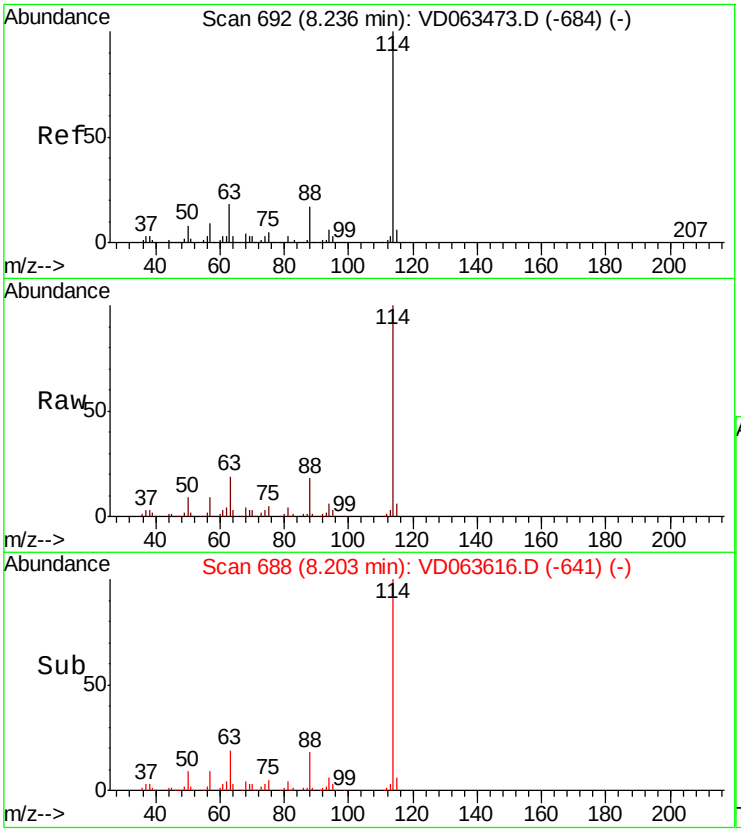


#33
1,2-Dichloroethane-d4
Concen: 48.158 ug/l
RT: 7.44 min Scan# 610
Delta R.T. -0.03 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Tgt Ion: 65 Resp: 264827

Ion	Ratio	Lower	Upper
65	100		
67	43.9	0.0	89.2



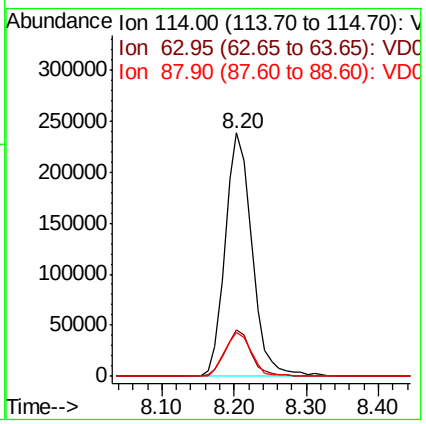


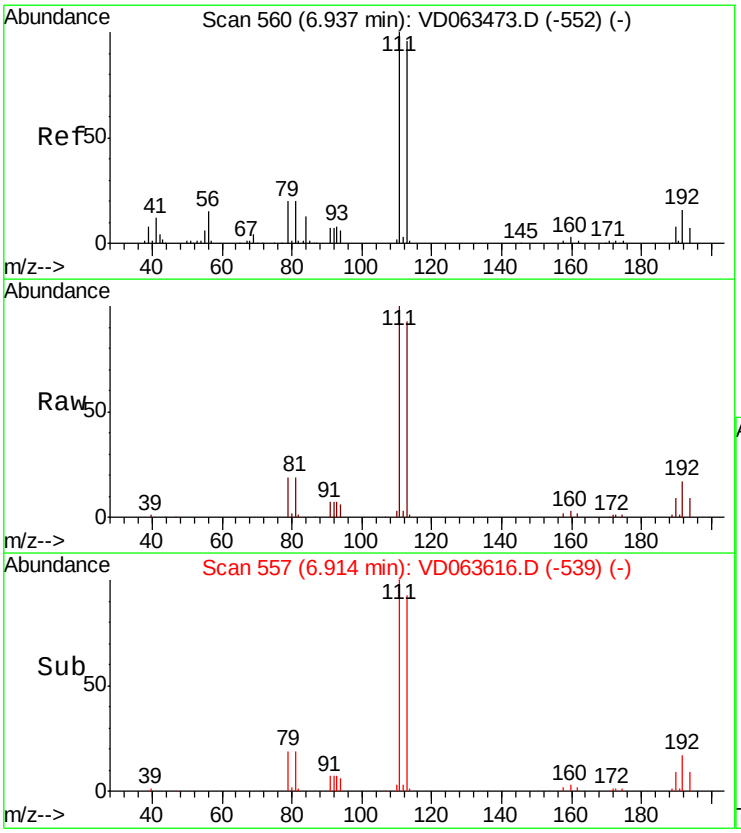
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 688
Delta R.T. -0.03 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Instrument : MSVOA_D
ClientSampleId : TP-7

Tgt Ion:114 Resp: 618537

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	36.2
88	18.0	0.0	35.0

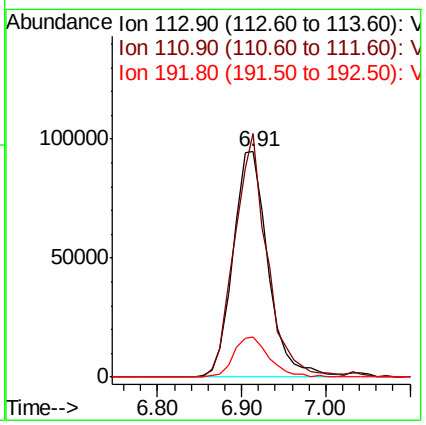


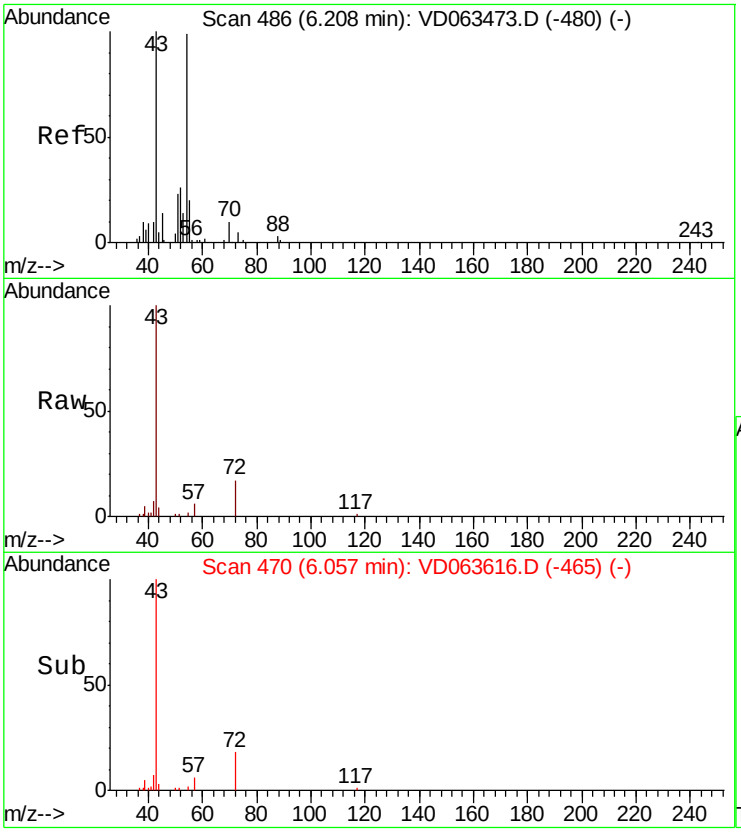


#35
Dibromofluoromethane
Concen: 52.784 ug/l
RT: 6.91 min Scan# 557
Delta R.T. -0.02 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Tgt Ion:113 Resp: 274973

Ion	Ratio	Lower	Upper
113	100		
111	108.1	83.1	124.7
192	17.9	13.1	19.7



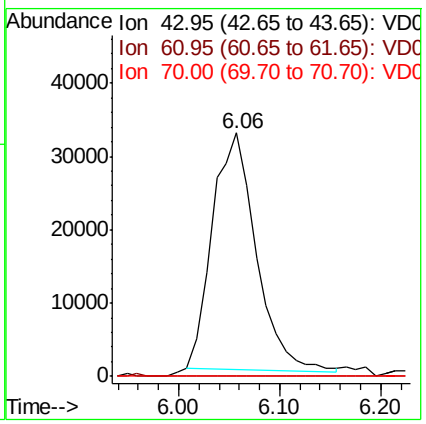


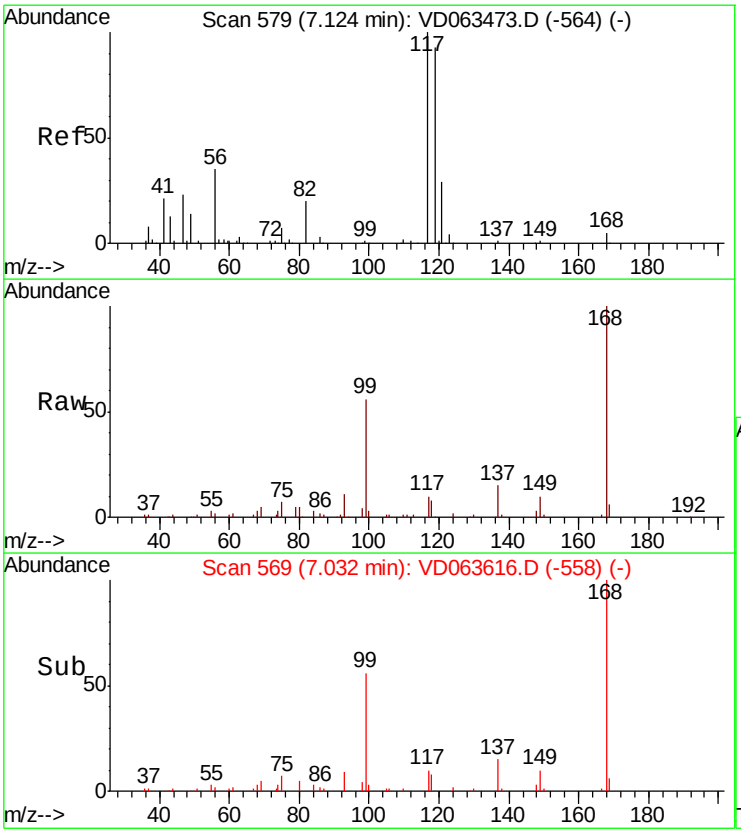
#37
Ethyl Acetate
Concen: 42.630 ug/l
RT: 6.06 min Scan# 470
Delta R.T. -0.15 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Instrument : MSVOA_D
ClientSampleId : TP-7

Tgt Ion: 43 Resp: 97676

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.0	13.6#
70	0.0	6.9	10.3#

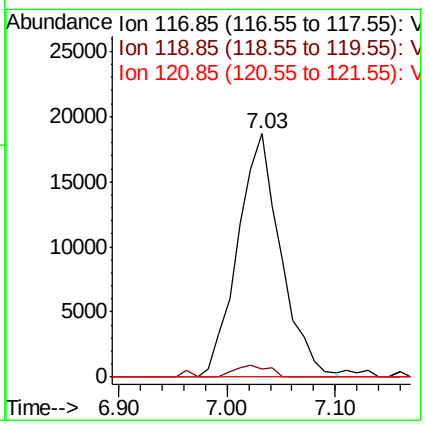


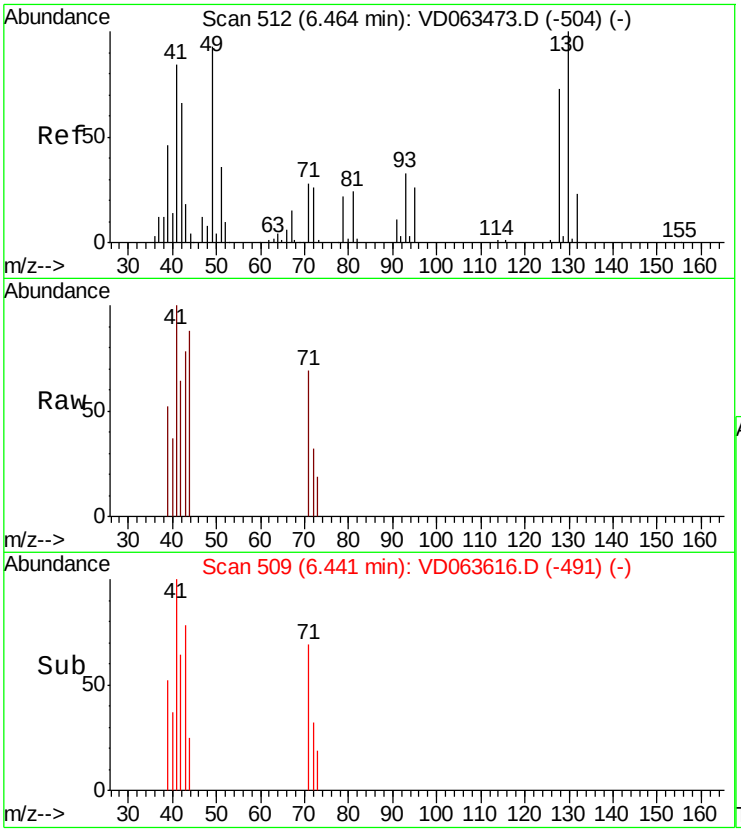


#38
Carbon Tetrachloride
Concen: 6.310 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.09 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Tgt Ion:117 Resp: 52001

Ion	Ratio	Lower	Upper
117	100		
119	3.1	74.2	111.2#
121	0.0	23.1	34.7#



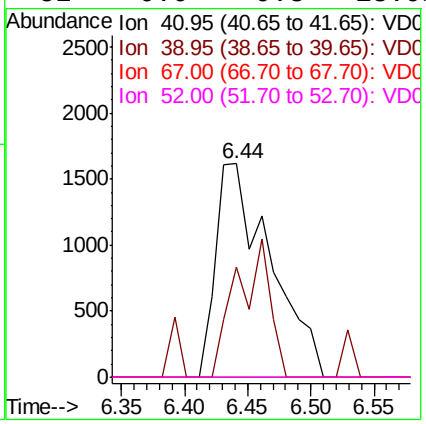


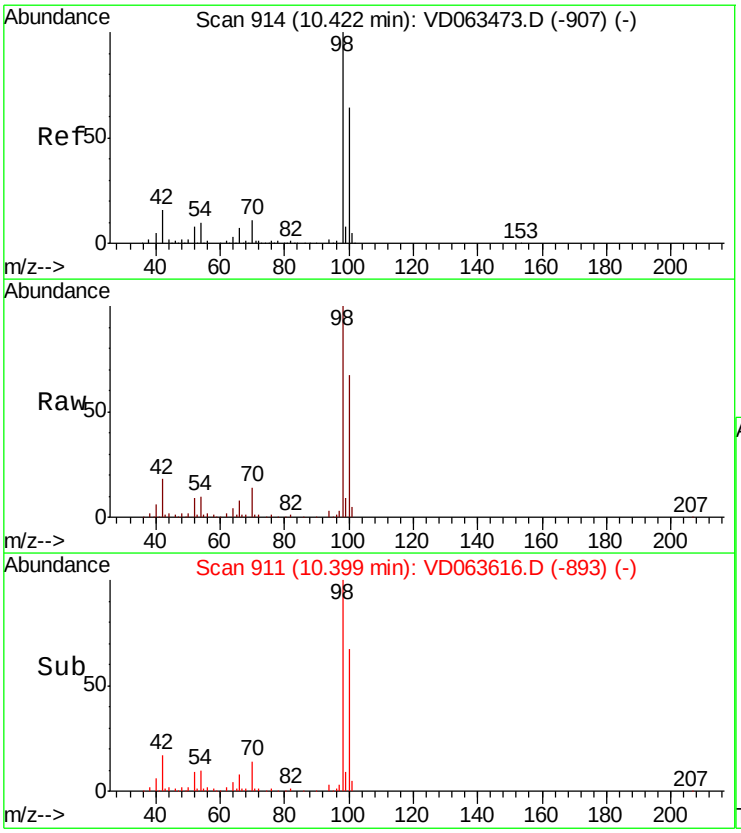
#41
Methacrylonitrile
Concen: 1.686 ug/l
RT: 6.44 min Scan# 509
Delta R.T. -0.02 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Instrument : MSVOA_D
ClientSampleId : TP-7

Tgt Ion: 41 Resp: 4863

Ion	Ratio	Lower	Upper
41	100		
39	51.8	44.6	66.8
67	0.0	14.4	21.6#
52	0.0	9.3	13.9#

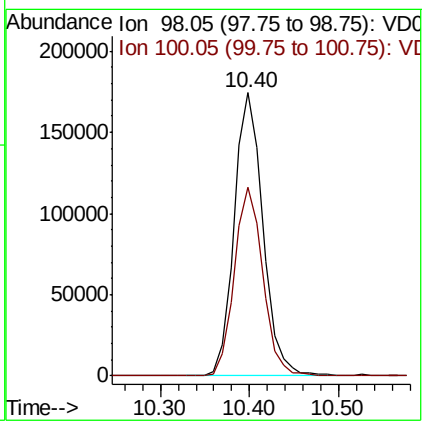


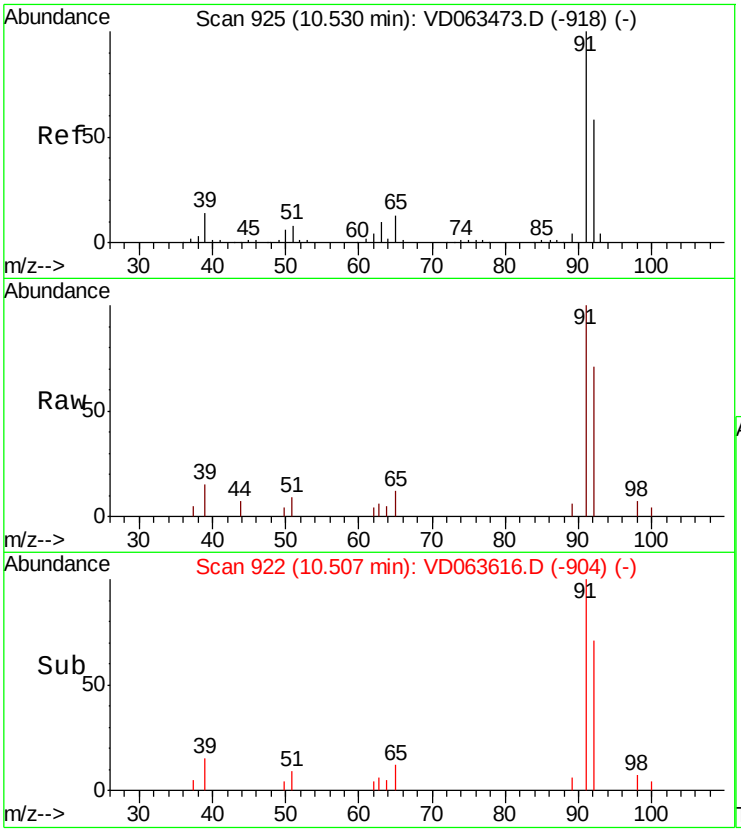


#50
Toluene-d8
Concen: 34.202 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.02 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Tgt Ion: 98 Resp: 391717

Ion	Ratio	Lower	Upper
98	100		
100	66.5	51.7	77.5



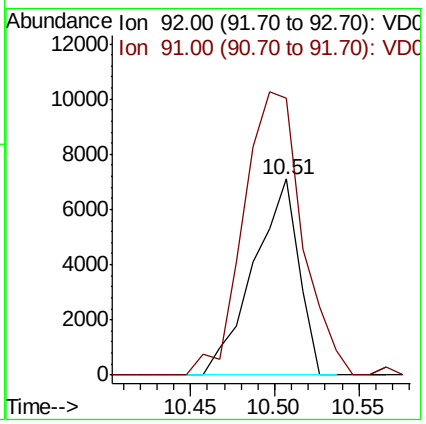


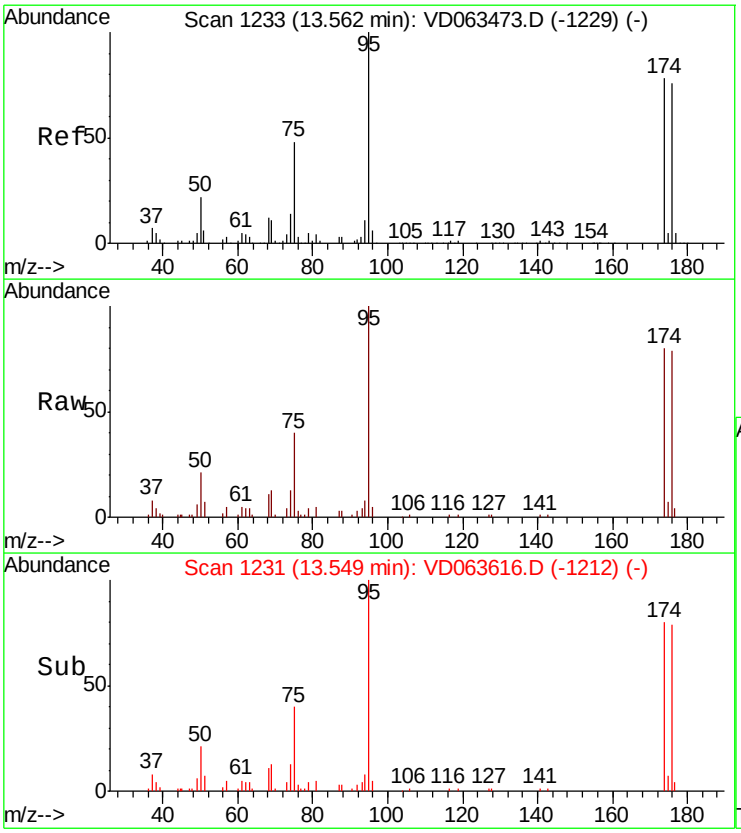
#52
Toluene
Concen: 1.701 ug/l
RT: 10.51 min Scan# 922
Delta R.T. -0.02 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Instrument : MSVOA_D
ClientSampleId : TP-7

Tgt Ion: 92 Resp: 13182

Ion	Ratio	Lower	Upper
92	100		
91	141.4	137.9	206.9

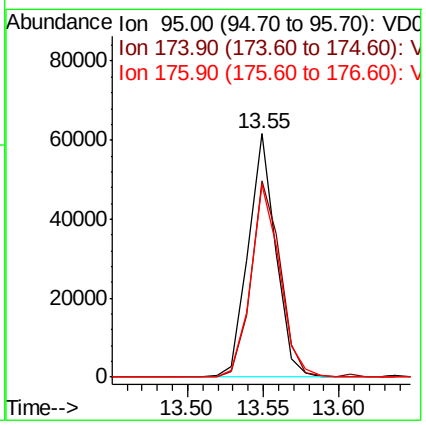


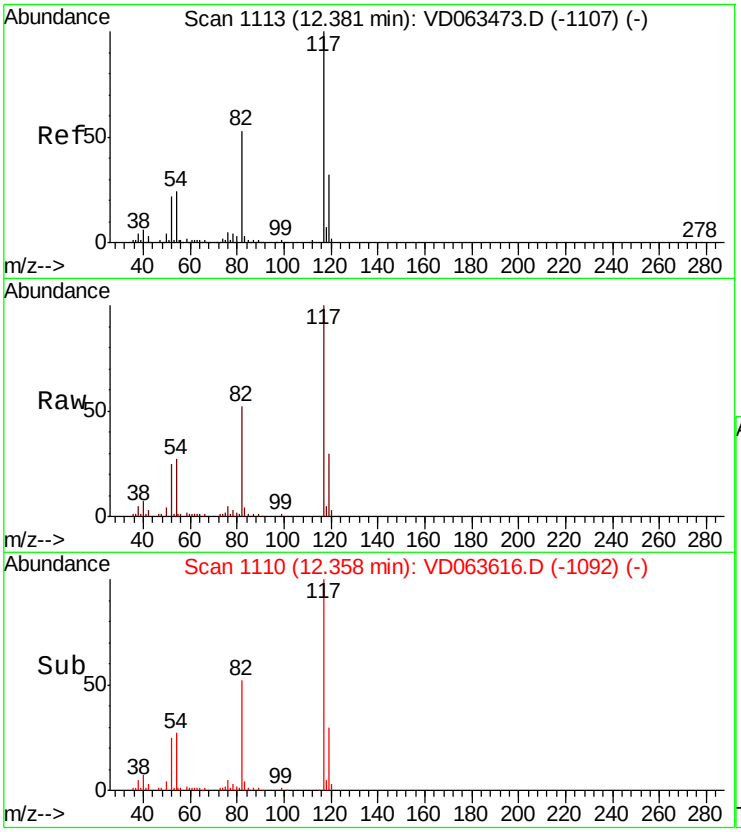


#62
4-Bromofluorobenzene
Concen: 14.935 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Tgt Ion: 95 Resp: 77529

Ion	Ratio	Lower	Upper
95	100		
174	80.4	0.0	155.4
176	79.1	0.0	152.4



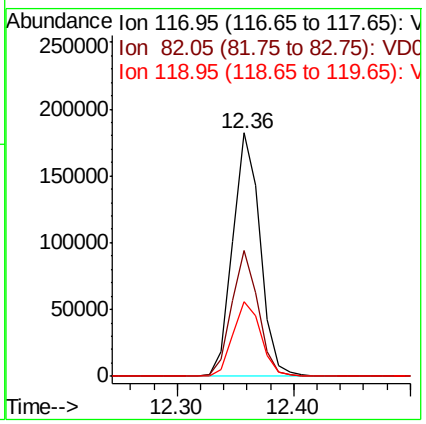


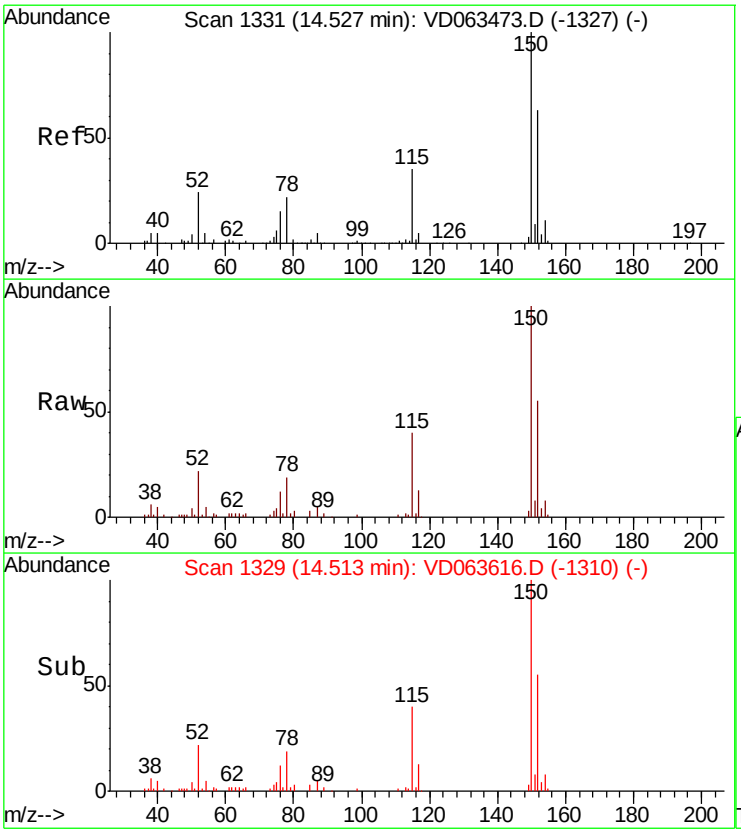
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Instrument : MSVOA_D
ClientSampleId : TP-7

Tgt Ion:117 Resp: 296717

Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.0	63.0
119	30.5	25.4	38.0

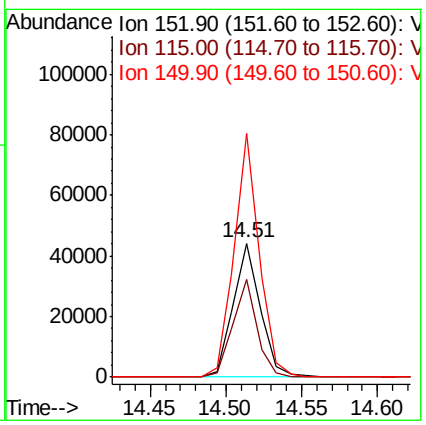


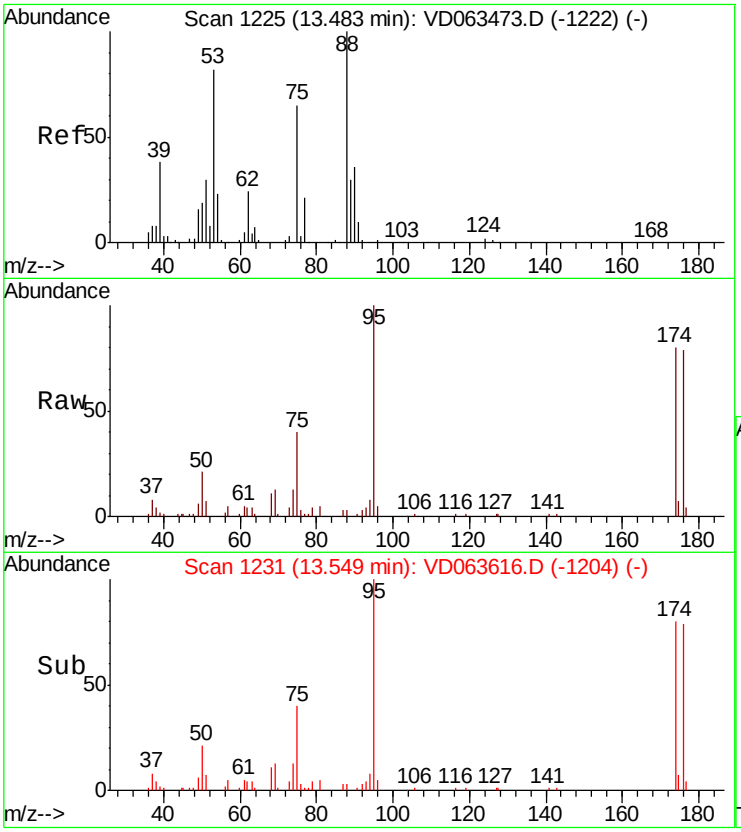


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Tgt Ion:152 Resp: 54901

Ion	Ratio	Lower	Upper
152	100		
115	72.8	30.9	92.7
150	182.0	0.0	318.6



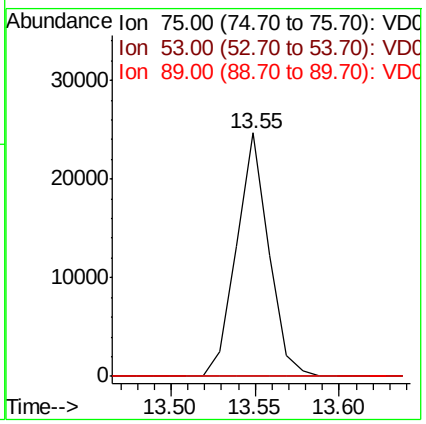


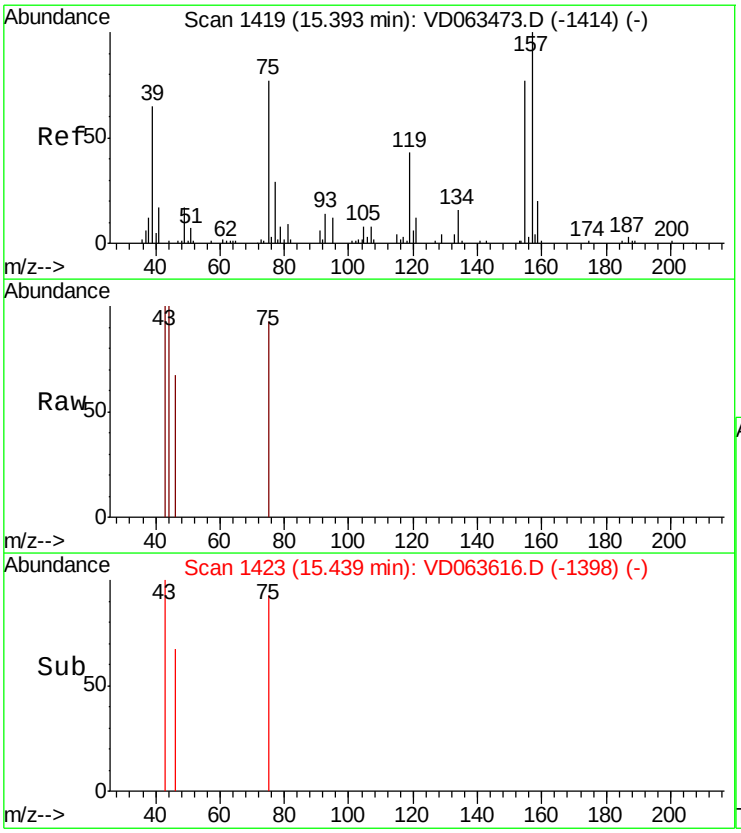
#81
trans-1,4-Dichloro-2-butene
Concen: 192.915 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. 0.07 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Instrument :
MSVOA_D
ClientSampleId :
TP-7

Tgt Ion: 75 Resp: 32670

Ion	Ratio	Lower	Upper
75	100		
53	0.0	101.0	151.4#
89	0.0	37.0	55.6#





#92
1,2-Dibromo-3-Chloropropane
Concen: 2.556 ug/l
RT: 15.44 min Scan# 1423
Delta R.T. 0.05 min
Lab File: VD063616.D
Acq: 15 Aug 2019 20:06

Tgt Ion: 75 Resp: 279

Ion	Ratio	Lower	Upper
75	100		
155	0.0	50.1	150.3#
157	0.0	65.0	195.1#