Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072919\
Data File : VD063207.D
Acq On : 29 Jul 2019 18:56
Operator : VA/AP
Sample : K4044-17
Misc : 6.76g/5ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-3

Quant Time: Jul 30 03:18:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	755277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1007321	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	768274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	382144	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	428709	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.32%			
35) Dibromofluoromethane	6.92	113	532829	61.95	ug/l	0.02
Spiked Amount 50.000			Recovery = 123.90%			
50) Toluene-d8	10.41	98	1160891	60.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 120.62%			
62) 4-Bromofluorobenzene	13.55	95	456497	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.10%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.05	59	671	1.824	ug/l #	69
13) Acrolein	3.08	56	419	1.184	ug/l #	62
16) Acetone	3.22	43	5158	3.159	ug/l #	90
20) Methylene Chloride	3.81	84	14162	2.146	ug/l #	82
25) 2-Butanone	6.17	43	3750	2.288	ug/l #	56
31) Cyclohexane	7.03	56	16500	2.210	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	55966	6.088	ug/l #	53
38) Carbon Tetrachloride	7.04	117	75230	5.436	ug/l #	16
44) Trichloroethene	8.54	130	11367	1.456	ug/l	66
49) 1,4-Dioxane	9.37	88	197	2.691	ug/l #	1
51) 4-Methyl-2-Pentanone	10.40	43	7516	2.095	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	210018	164.777	ug/l #	3

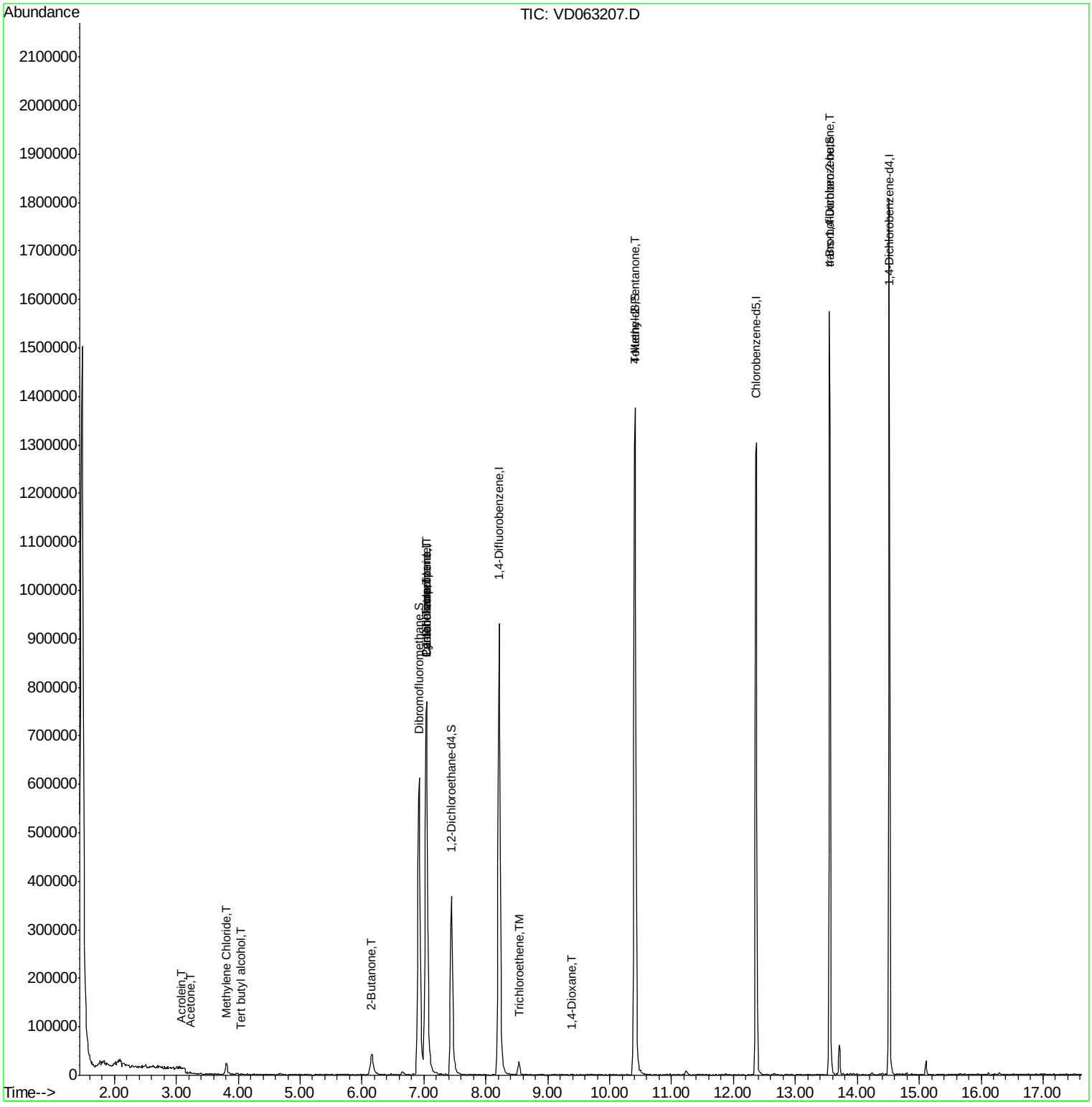
(#) = qualifier out of range (m) = manual integration (+) = signals summed

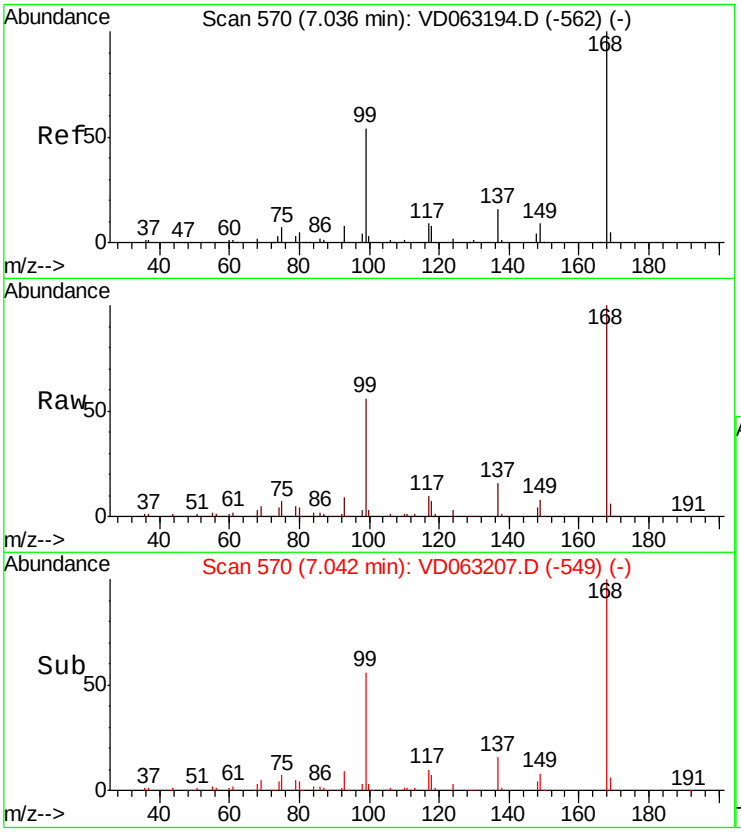
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
Data File : VD063207.D
Acq On : 29 Jul 2019 18:56
Operator : VA/AP
Sample : K4044-17
Misc : 6.76g/5ml/MSVOA D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-3

Quant Time: Jul 30 03:18:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration



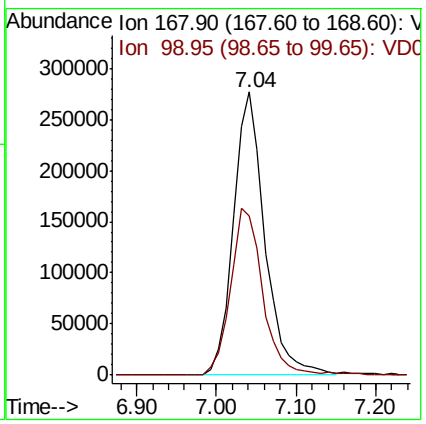


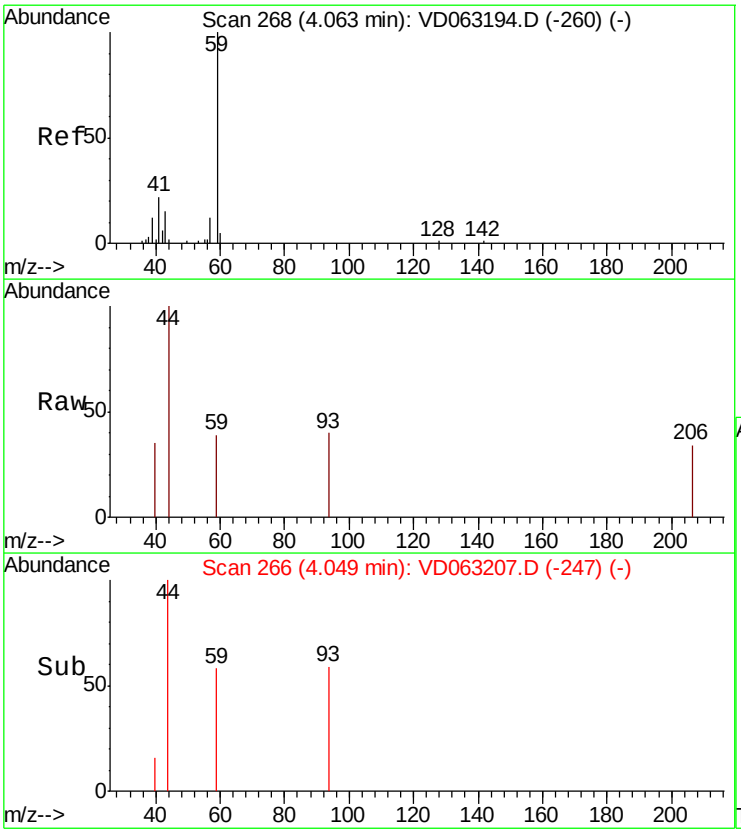
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.01 min
Lab File: VD063207.D
Acq: 29 Jul 2019 18:56

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tgt Ion:168 Resp: 755277

Ion	Ratio	Lower	Upper
168	100		
99	56.2	43.7	65.5

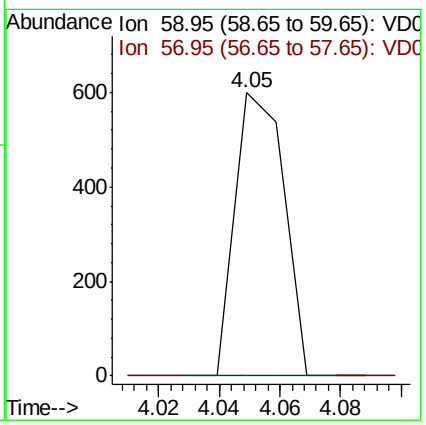


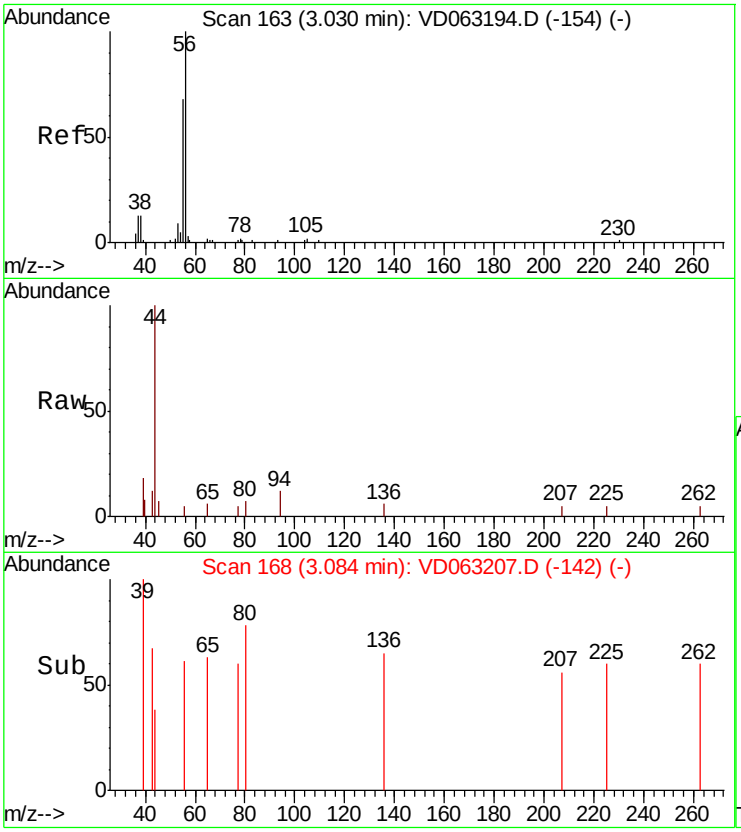


#11
Tert butyl alcohol
Concen: 1.824 ug/l
RT: 4.05 min Scan# 266
Delta R.T. -0.01 min
Lab File: VD063207.D
Acq: 29 Jul 2019 18:56

Tgt Ion: 59 Resp: 671

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.6	14.4#



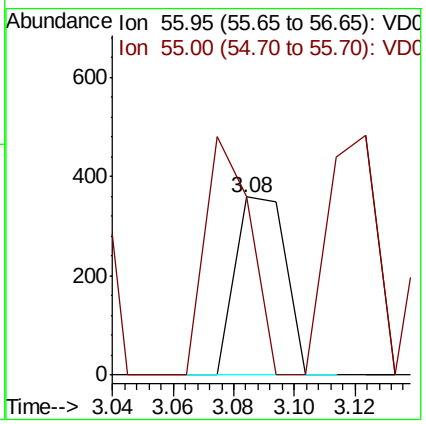


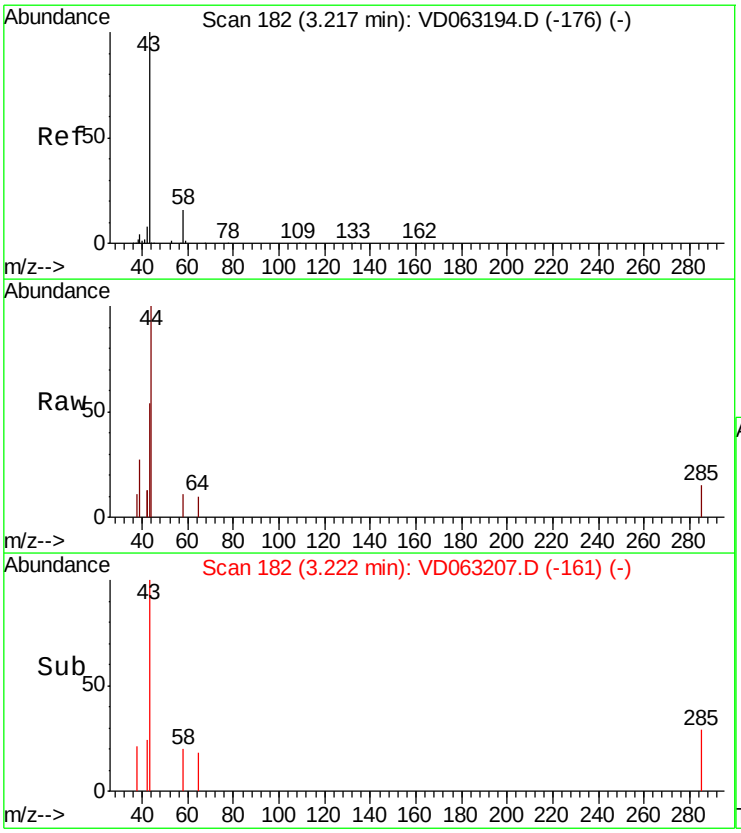
#13
Acrolein
Concen: 1.184 ug/l
RT: 3.08 min Scan# 168
Delta R.T. 0.05 min
Lab File: VD063207.D
Acq: 29 Jul 2019 18:56

Instrument : MSVOA_D
ClientSampleId : TP-3

Tgt Ion: 56 Resp: 419

Ion	Ratio	Lower	Upper
56	100		
55	100.0	55.3	82.9#

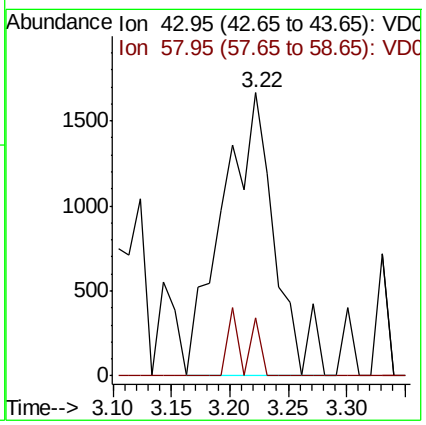


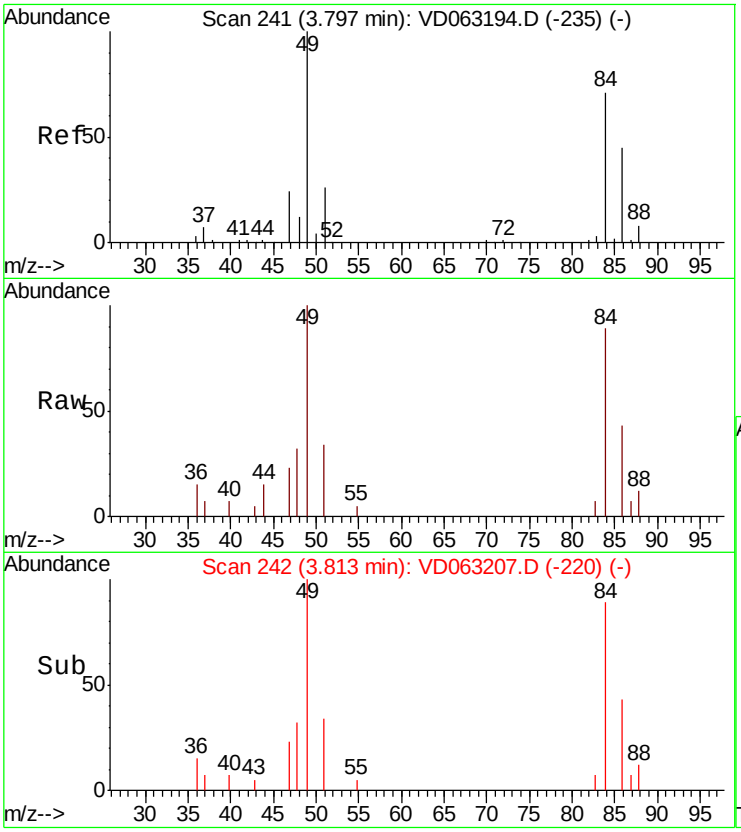


#16
Acetone
Concen: 3.159 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.01 min
Lab File: VD063207.D
Acq: 29 Jul 2019 18:56

Tgt Ion: 43 Resp: 5158

Ion	Ratio	Lower	Upper
43	100		
58	20.4	13.0	19.4#



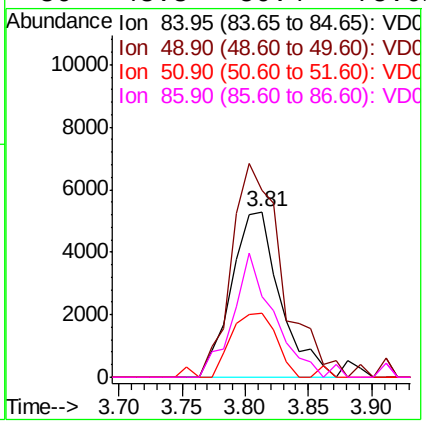


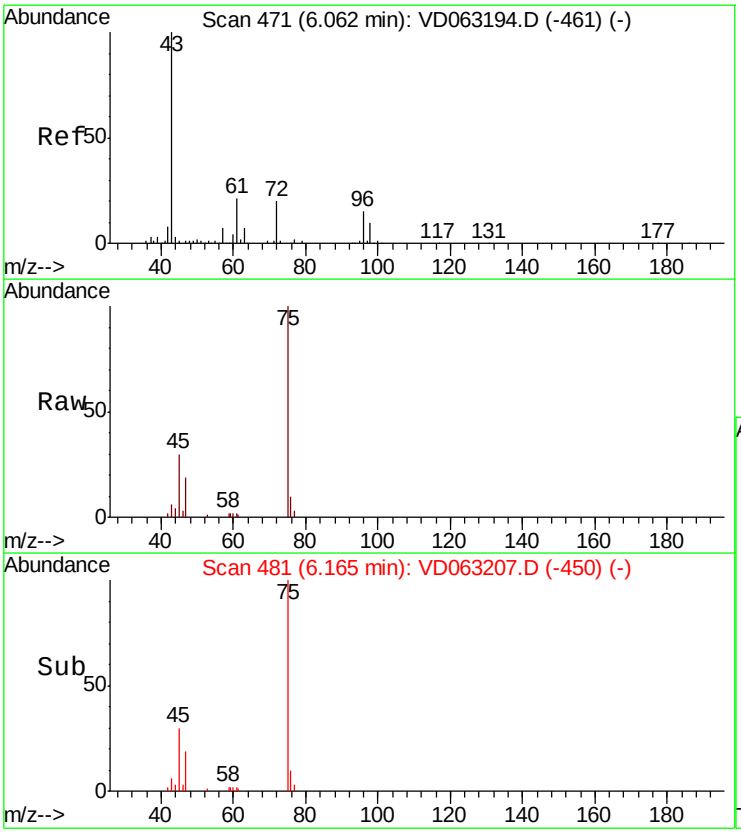
#20
Methylene Chloride
Concen: 2.146 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.02 min
Lab File: VD063207.D
Acq: 29 Jul 2019 18:56

Instrument : MSVOA_D
ClientSampleId : TP-3

Tgt Ion: 84 Resp: 14162

Ion	Ratio	Lower	Upper
84	100		
49	112.8	112.5	168.7
51	38.4	29.6	44.4
86	48.8	50.4	75.6#

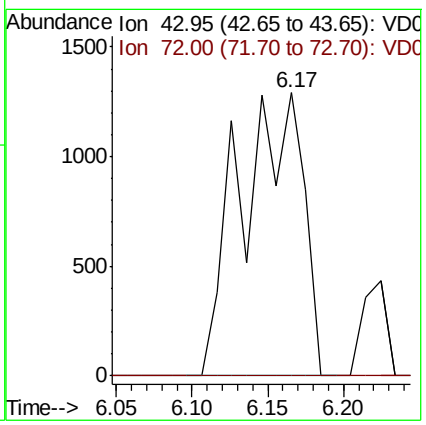


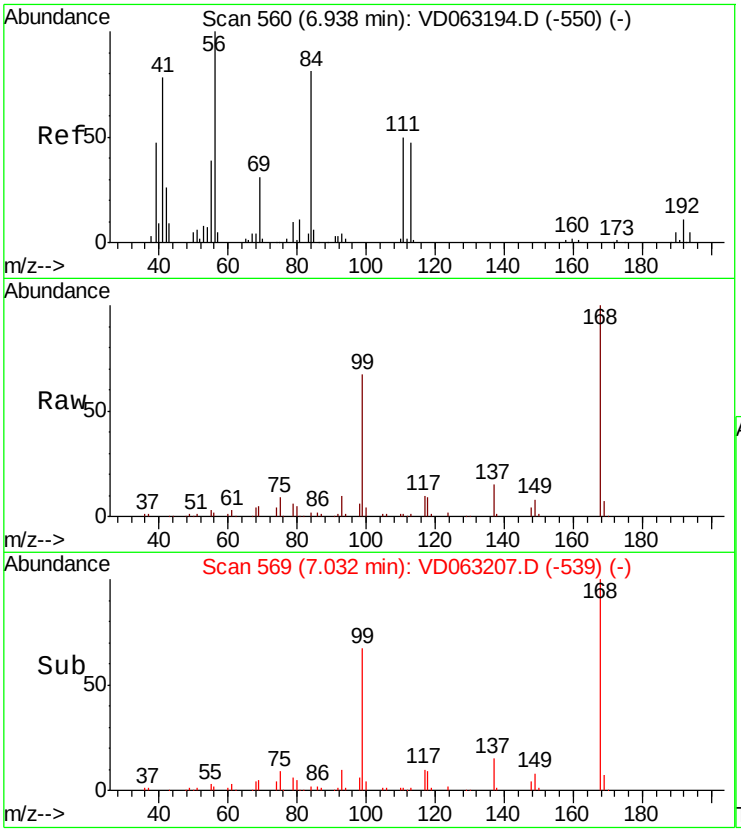


#25
2-Butanone
Concen: 2.288 ug/l
RT: 6.17 min Scan# 481
Delta R.T. 0.10 min
Lab File: VD063207.D
Acq: 29 Jul 2019 18:56

Tgt Ion: 43 Resp: 3750

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.3	24.5#



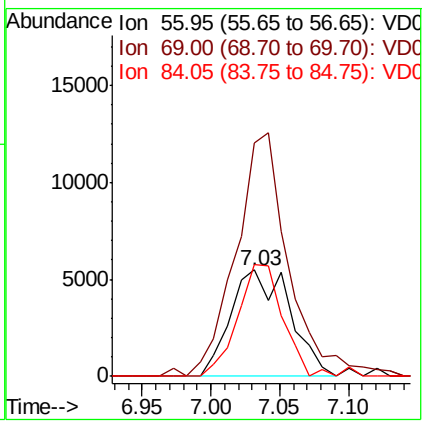


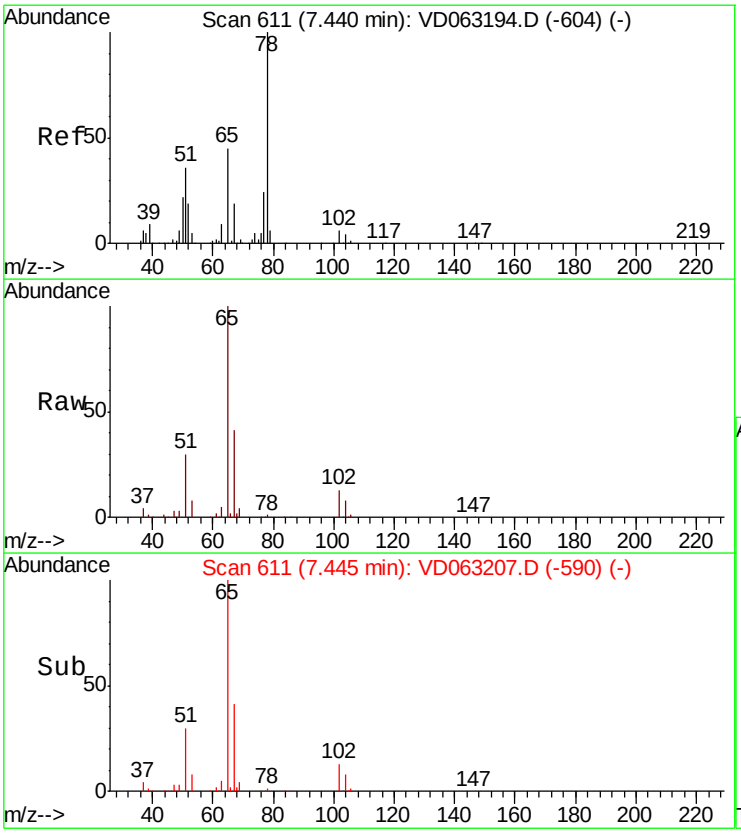
#31
Cyclohexane
Concen: 2.210 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.09 min
Lab File: VD063207.D
Acq: 29 Jul 2019 18:56

Instrument : MSVOA_D
ClientSampleId : TP-3

Tgt Ion: 56 Resp: 16500

Ion	Ratio	Lower	Upper
56	100		
69	219.9	24.5	36.7#
84	105.6	64.9	97.3#

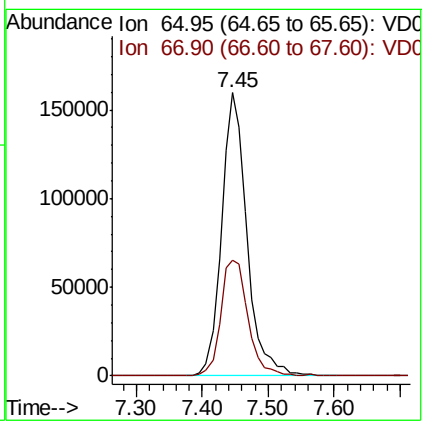


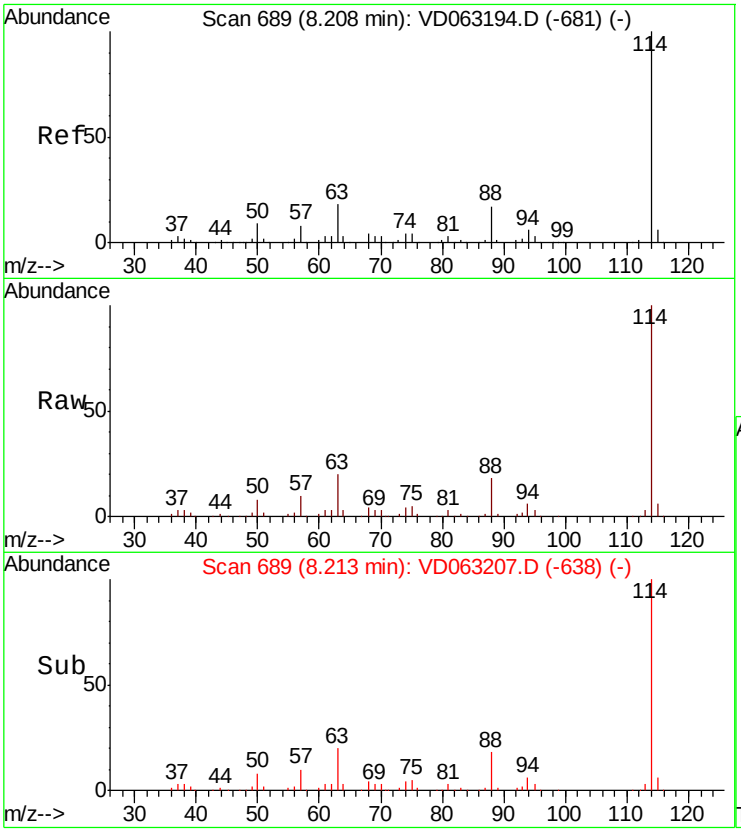


#33
1,2-Dichloroethane-d4
Concen: 51.155 ug/l
RT: 7.45 min Scan# 611
Delta R.T. 0.01 min
Lab File: VD063207.D
Acq: 29 Jul 2019 18:56

Tgt Ion: 65 Resp: 428709

Ion	Ratio	Lower	Upper
65	100		
67	41.1	0.0	85.8



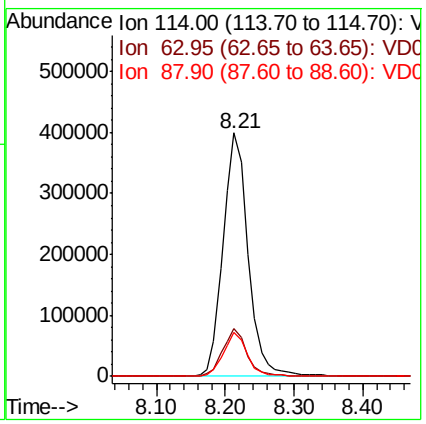


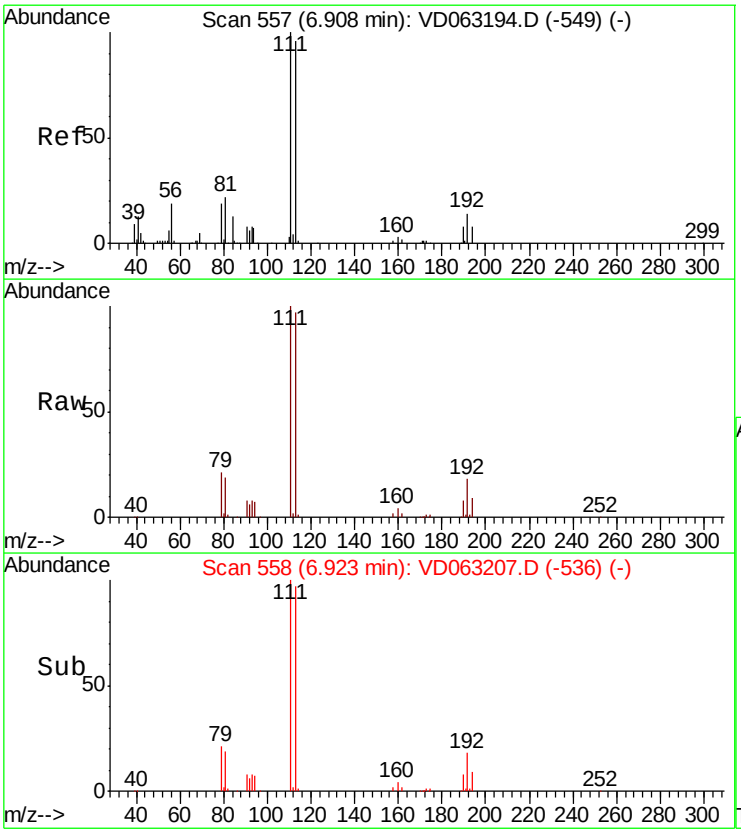
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 689
Delta R.T. 0.01 min
Lab File: VD063207.D
Acq: 29 Jul 2019 18:56

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tgt Ion:114 Resp: 1007321

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	35.2
88	18.1	0.0	34.6

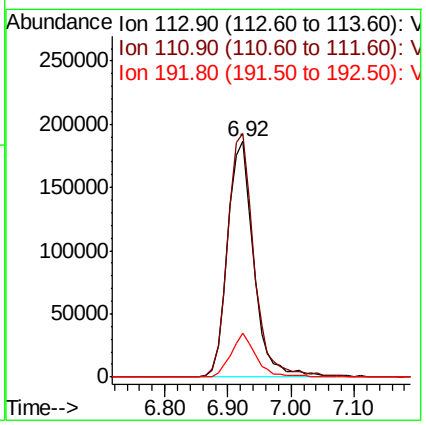


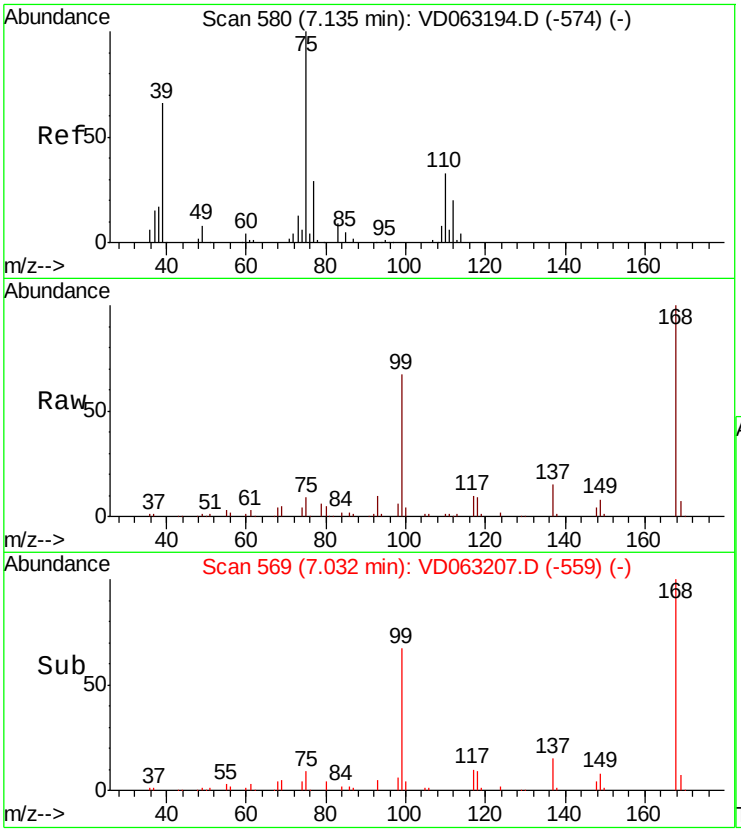


#35
Dibromofluoromethane
Concen: 61.954 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.02 min
Lab File: VD063207.D
Acq: 29 Jul 2019 18:56

Tgt Ion:113 Resp: 532829

Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.2	124.8
192	18.7	11.8	17.8#



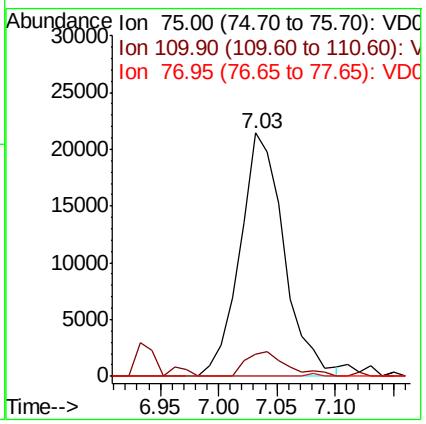


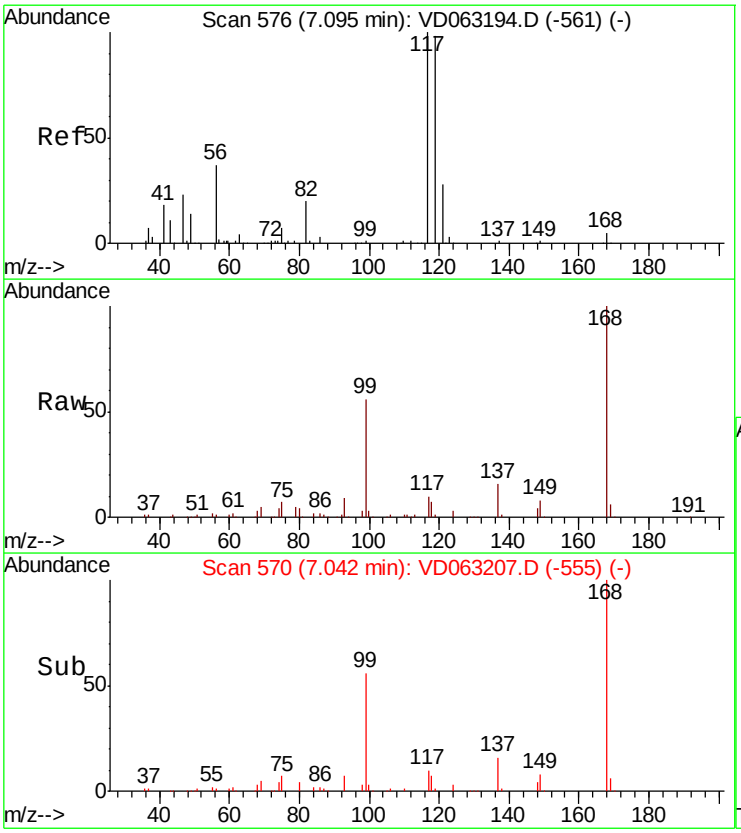
#36
1,1-Dichloropropene
Concen: 6.088 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.10 min
Lab File: VD063207.D
Acq: 29 Jul 2019 18:56

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tgt Ion: 75 Resp: 55966

Ion	Ratio	Lower	Upper
75	100		
110	9.1	16.1	48.2#
77	0.0	22.7	34.1#

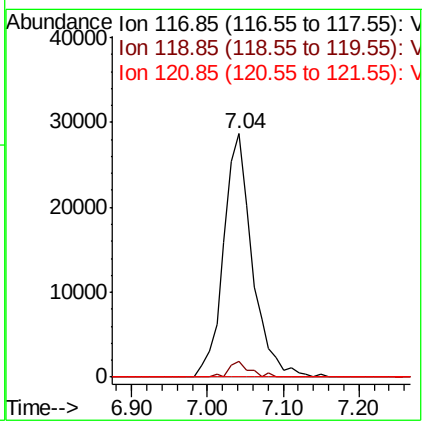


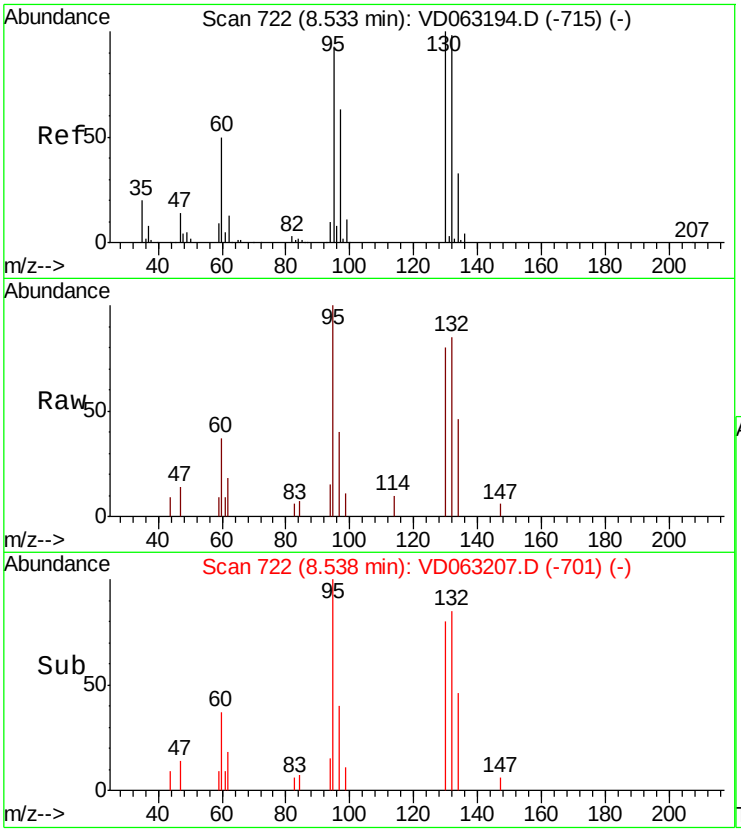


#38
Carbon Tetrachloride
Concen: 5.436 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.05 min
Lab File: VD063207.D
Acq: 29 Jul 2019 18:56

Tgt Ion:117 Resp: 75230

Ion	Ratio	Lower	Upper
117	100		
119	6.6	78.2	117.2#
121	0.0	22.1	33.1#



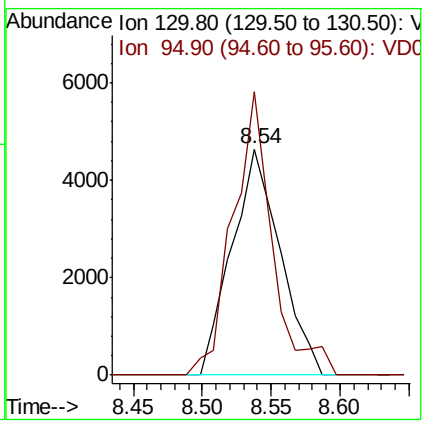


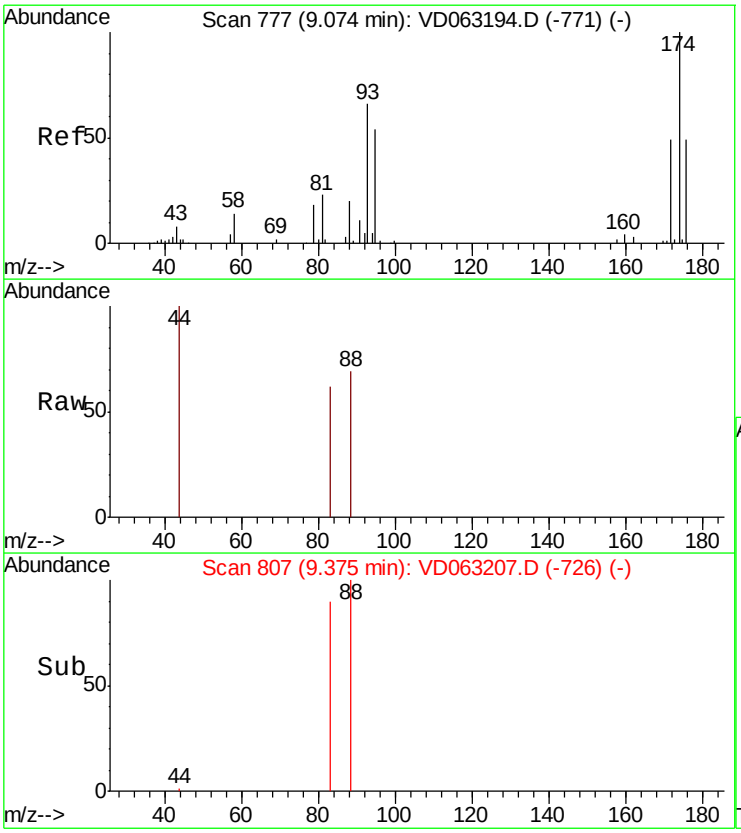
#44
Trichloroethene
Concen: 1.456 ug/l
RT: 8.54 min Scan# 722
Delta R.T. 0.01 min
Lab File: VD063207.D
Acq: 29 Jul 2019 18:56

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tgt Ion:130 Resp: 11367

Ion	Ratio	Lower	Upper
130	100		
95	125.3	0.0	185.4

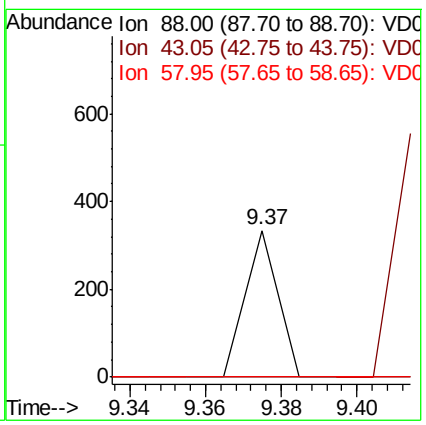


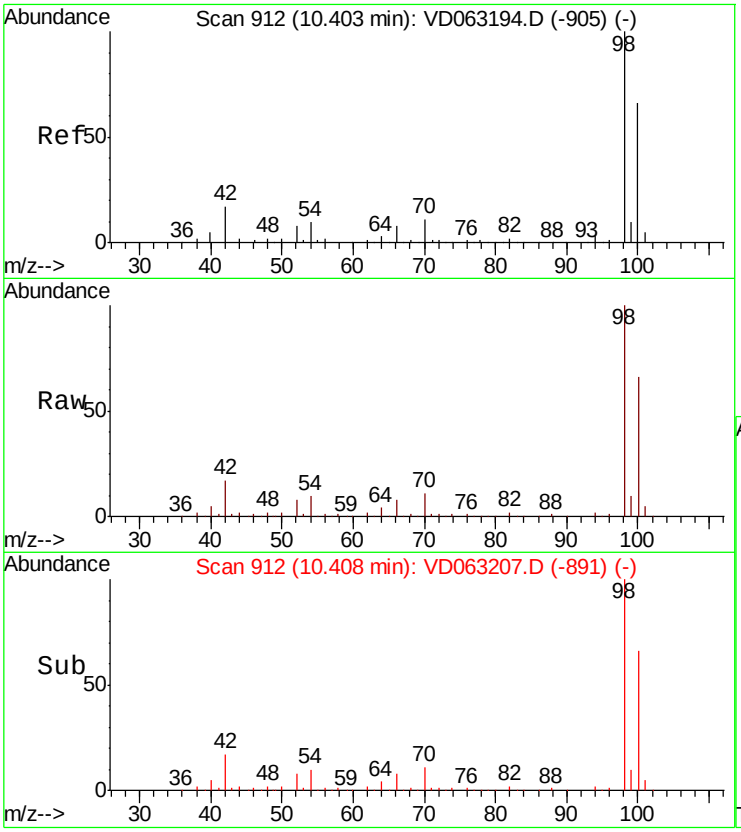


#49
1,4-Dioxane
Concen: 2.691 ug/l
RT: 9.37 min Scan# 807
Delta R.T. 0.30 min
Lab File: VD063207.D
Acq: 29 Jul 2019 18:56

Tgt Ion: 88 Resp: 197

Ion	Ratio	Lower	Upper
88	100		
43	145.5	30.7	46.1#
58	0.0	56.5	84.7#



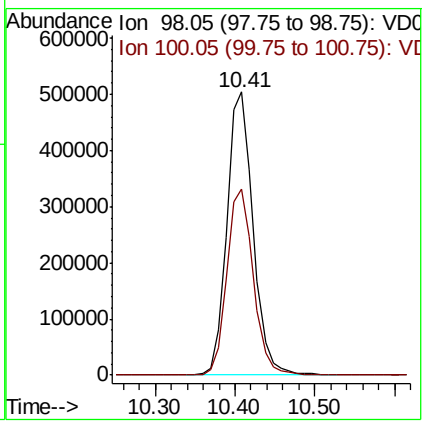


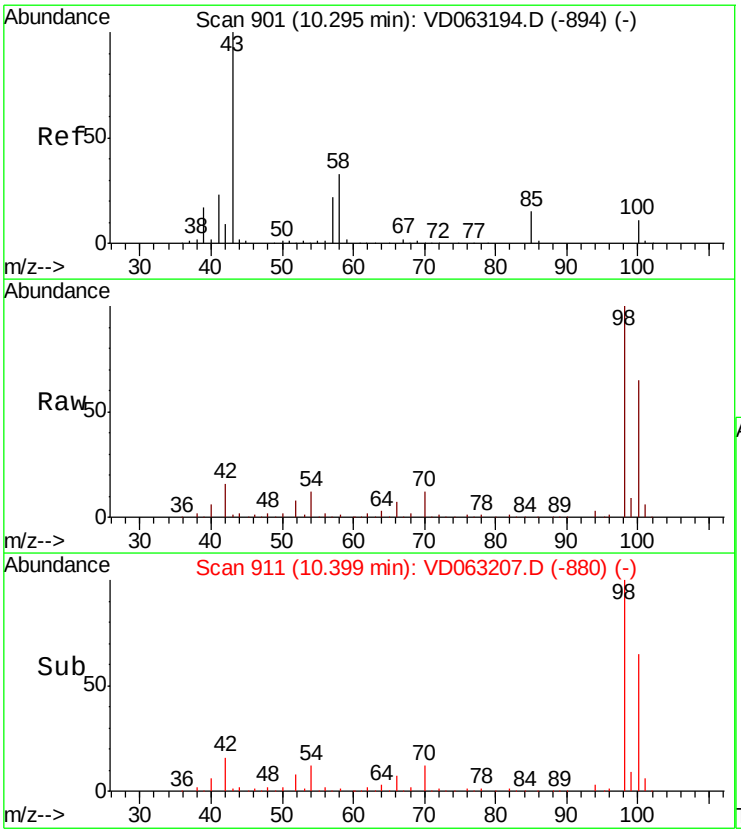
#50
Toluene-d8
Concen: 60.314 ug/l
RT: 10.41 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD063207.D
Acq: 29 Jul 2019 18:56

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tgt Ion: 98 Resp: 1160891

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.2	79.8

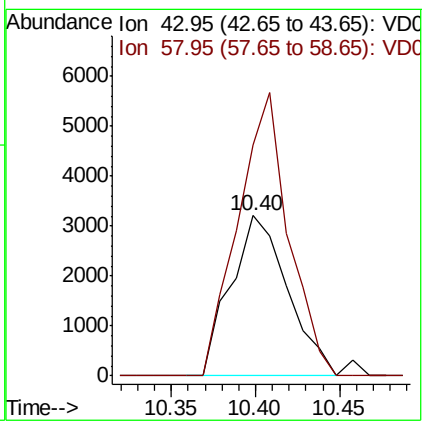


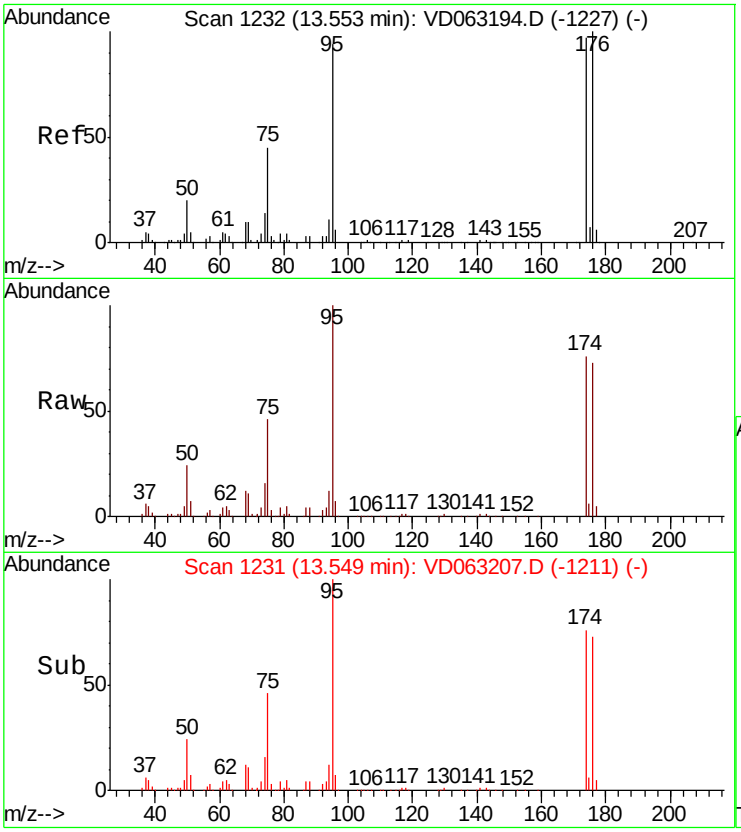


#51
4-Methyl-2-Pentanone
Concen: 2.095 ug/l
RT: 10.40 min Scan# 911
Delta R.T. 0.10 min
Lab File: VD063207.D
Acq: 29 Jul 2019 18:56

Tgt Ion: 43 Resp: 7516

Ion	Ratio	Lower	Upper
43	100		
58	143.8	26.2	39.2#



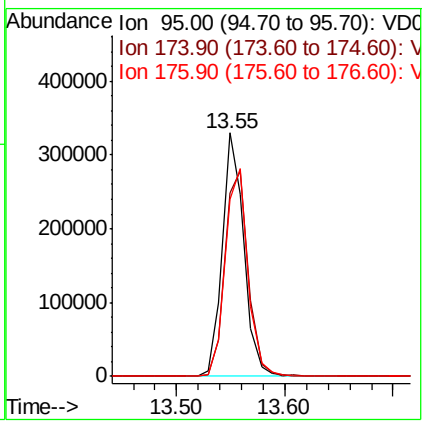


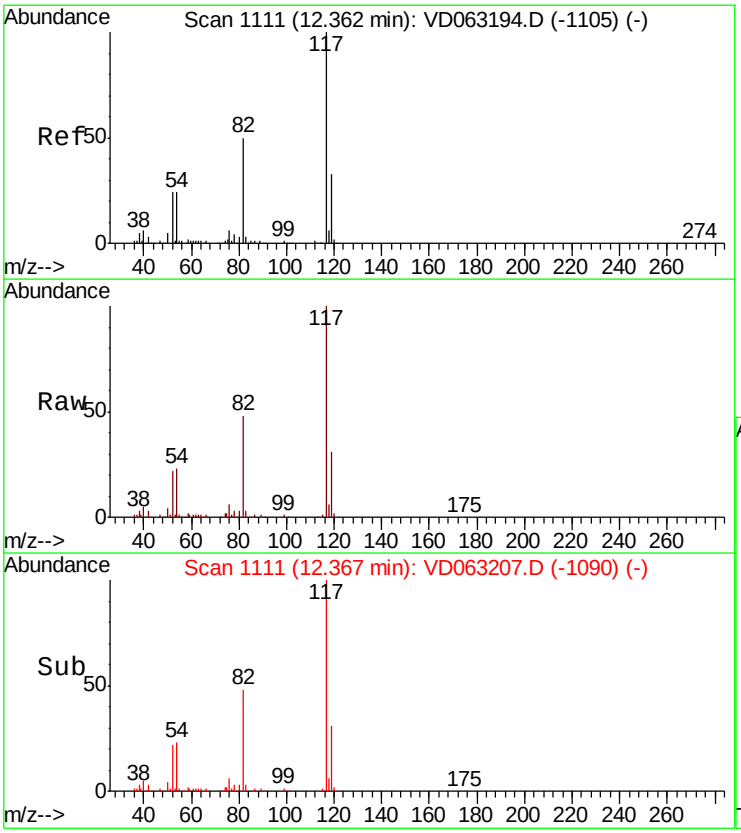
#62
4-Bromofluorobenzene
Concen: 52.046 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD063207.D
Acq: 29 Jul 2019 18:56

Instrument : MSVOA_D
ClientSampleId : TP-3

Tgt Ion: 95 Resp: 456497

Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	205.4
176	72.6	0.0	211.8

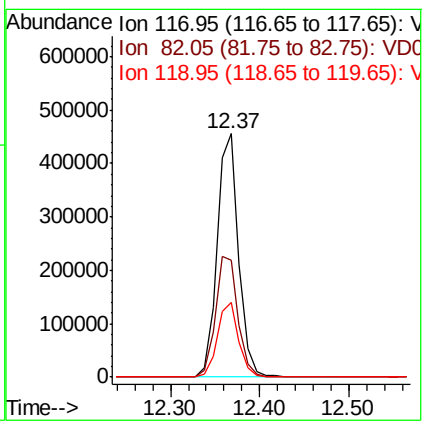


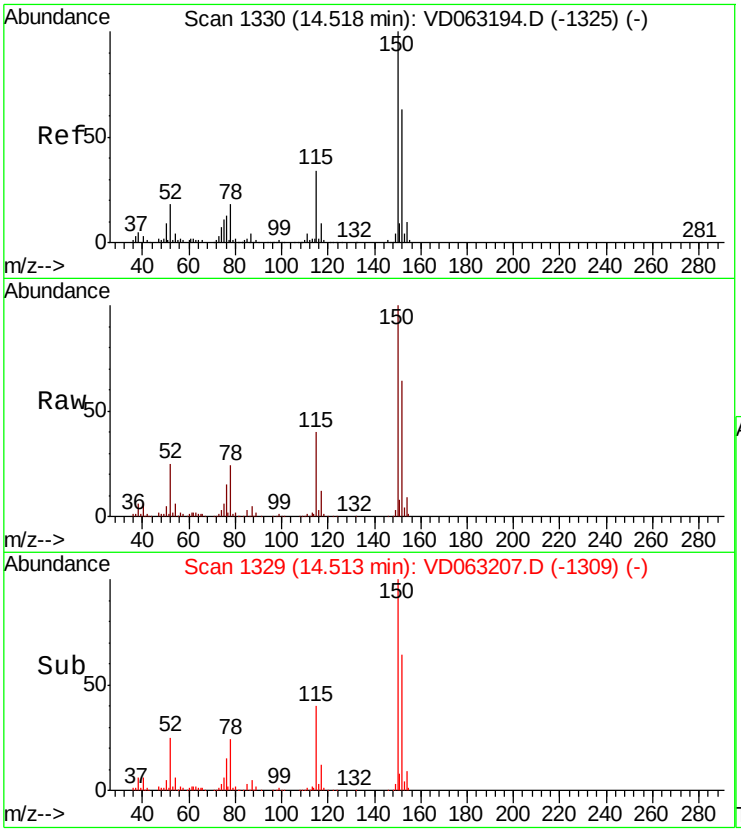


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD063207.D
Acq: 29 Jul 2019 18:56

Tgt Ion:117 Resp: 768274

Ion	Ratio	Lower	Upper
117	100		
82	47.8	40.1	60.1
119	30.8	26.5	39.7



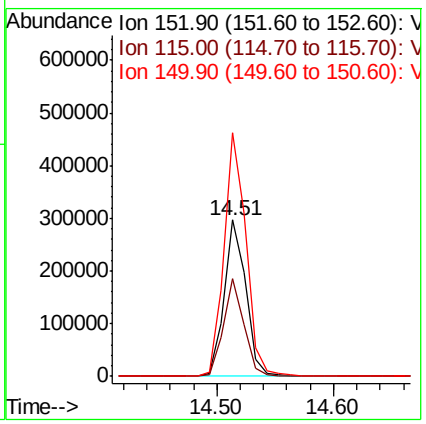


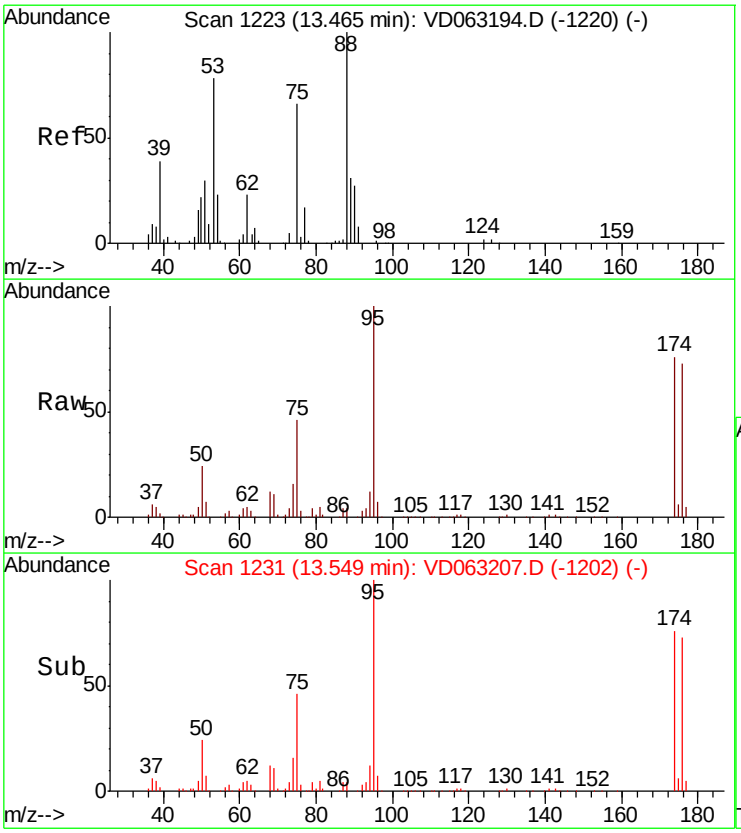
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD063207.D
Acq: 29 Jul 2019 18:56

Instrument : MSVOA_D
ClientSampleId : TP-3

Tgt Ion:152 Resp: 382144

Ion	Ratio	Lower	Upper
152	100		
115	62.2	27.5	82.4
150	155.8	0.0	320.6





#81
trans-1,4-Dichloro-2-butene
Concen: 164.777 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. 0.08 min
Lab File: VD063207.D
Acq: 29 Jul 2019 18:56

Tgt Ion: 75 Resp: 210018

Ion	Ratio	Lower	Upper
75	100		
53	0.0	94.9	142.3#
89	0.0	37.4	56.0#