Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD071719\
Data File : VD063140.D
Acq On : 17 Jul 2019 19:18
Operator : VA/AP
Sample : K3830-01
Misc : 5.26g/5ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Jul 18 06:59:01 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	890405	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	1195026	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	900908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	416990	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	455063	41.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.06%			
35) Dibromofluoromethane	6.92	113	506596	42.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.12%			
50) Toluene-d8	10.41	98	1057229	41.35	ug/l	0.02
Spiked Amount 50.000			Recovery = 82.70%			
62) 4-Bromofluorobenzene	13.55	95	428508	36.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 72.46%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.56	85	494	Below Cal	#	1
3) Chloromethane	1.75	50	189	Below Cal	#	1
5) Bromomethane	2.15	94	3209	Below Cal	#	13
13) Acrolein	3.06	56	271	1.403 ug/l	#	17
16) Acetone	3.22	43	17391	6.492 ug/l	#	92
18) Methyl Acetate	3.66	43	313	Below Cal	#	63
20) Methylene Chloride	3.81	84	36197	3.576 ug/l		94
31) Cyclohexane	7.04	56	18375	1.740 ug/l	#	7
36) 1,1-Dichloropropene	7.04	75	70117	5.217 ug/l	#	47
38) Carbon Tetrachloride	7.05	117	92193	4.514 ug/l	#	13
76) 1,2,3-Trichloropropane	13.55	75	142670	22.242 ug/l	#	43
81) trans-1,4-Dichloro-2-buten	13.55	75	198285	117.385 ug/l	#	1

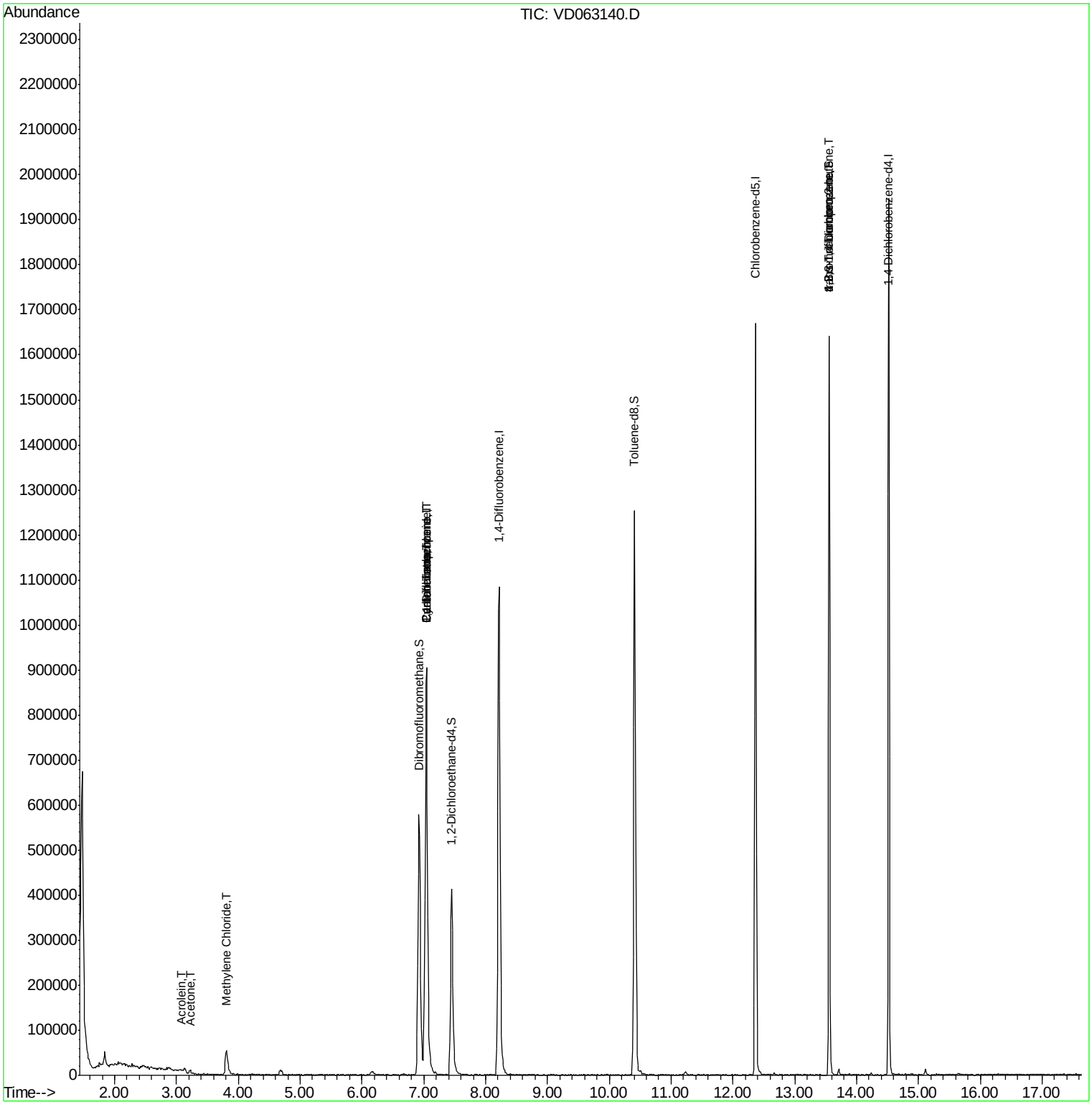
(#) = qualifier out of range (m) = manual integration (+) = signals summed

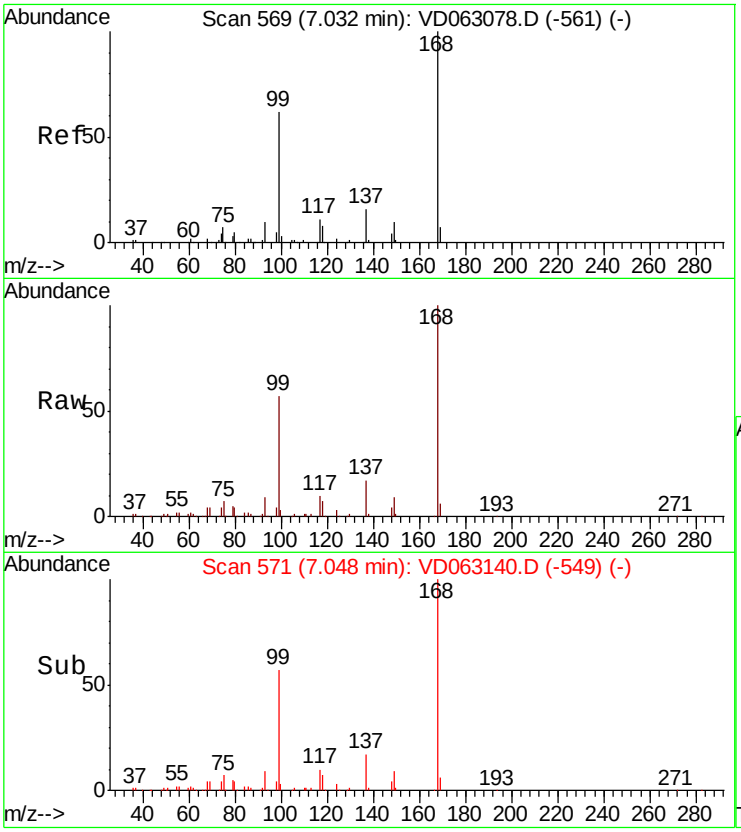
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071719\
Data File : VD063140.D
Acq On : 17 Jul 2019 19:18
Operator : VA/AP
Sample : K3830-01
Misc : 5.26g/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jul 18 06:59:01 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



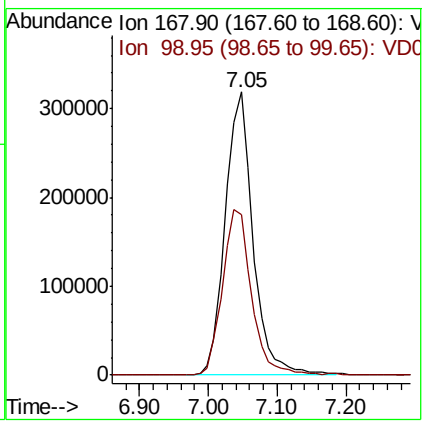


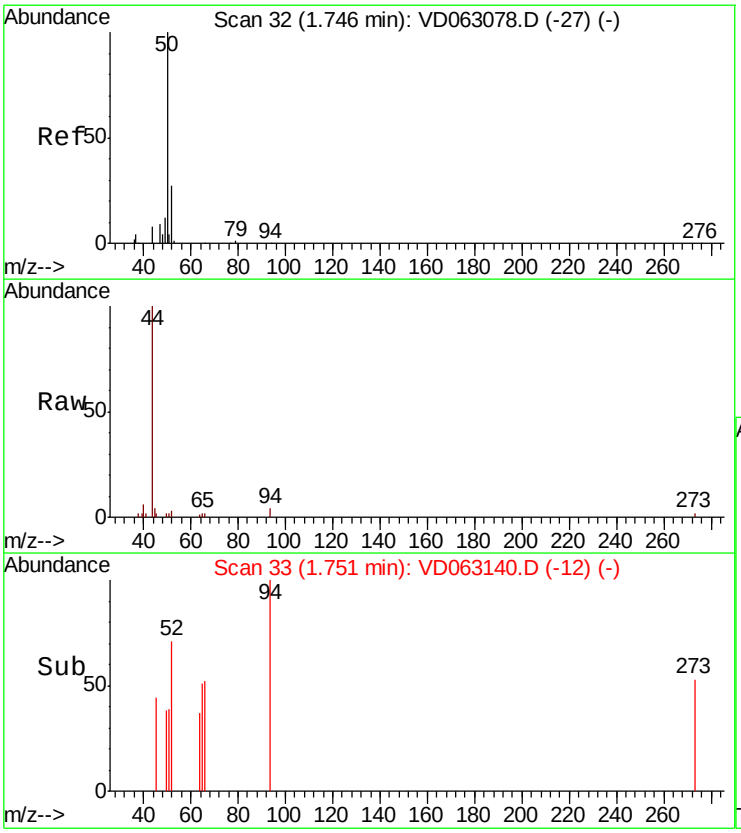
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.02 min
Lab File: VD063140.D
Acq: 17 Jul 2019 19:18

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 890405

Ion	Ratio	Lower	Upper
168	100		
99	56.6	50.8	76.2

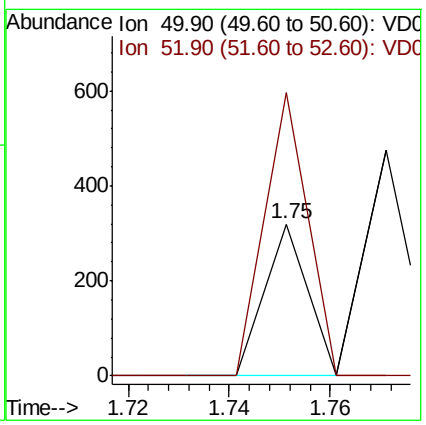


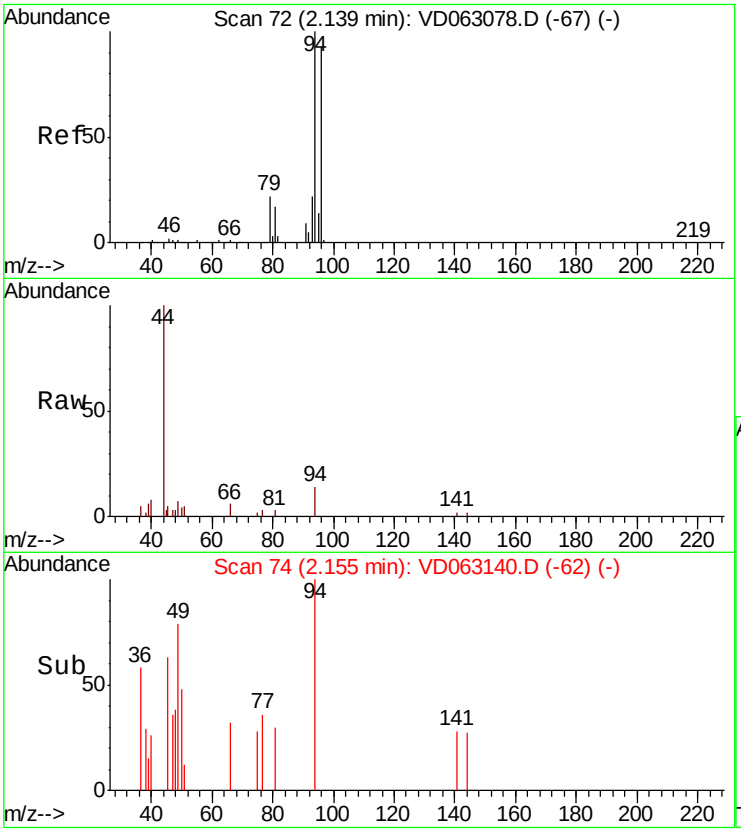


#3
Chloromethane
Concen: Below Cal
RT: 1.75 min Scan# 33
Delta R.T. 0.01 min
Lab File: VD063140.D
Acq: 17 Jul 2019 19:18

Tgt Ion: 50 Resp: 189

Ion	Ratio	Lower	Upper
50	100		
52	186.3	21.4	32.2#



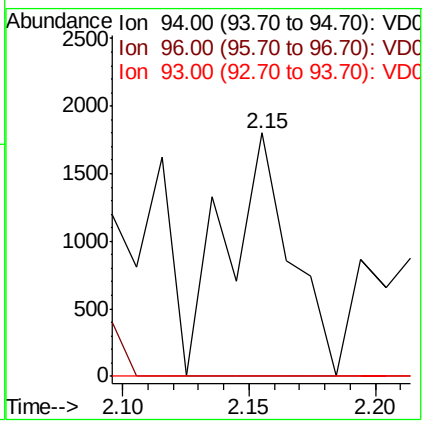


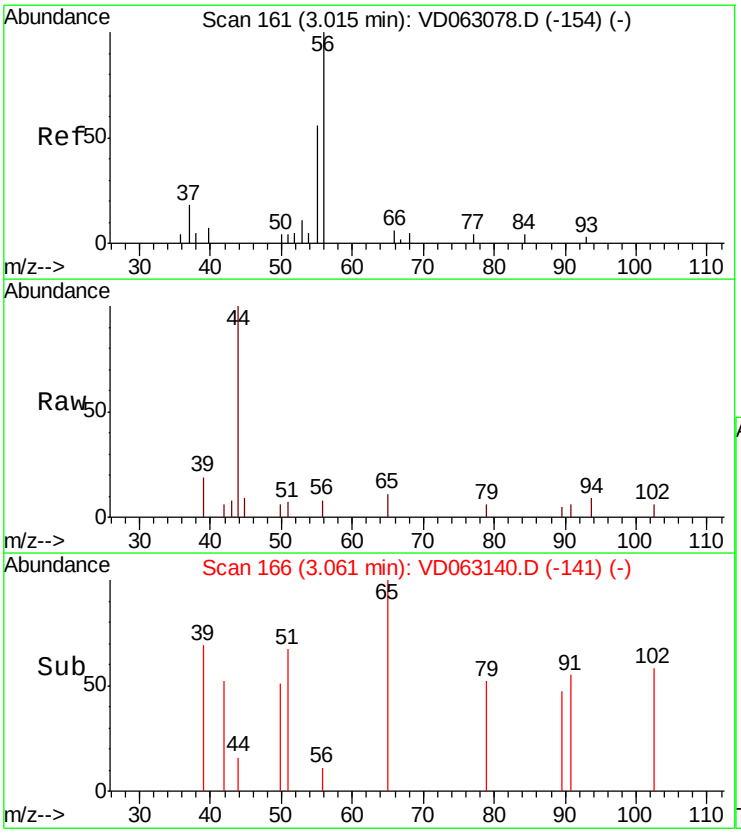
#5
Bromomethane
Concen: Below Cal
RT: 2.15 min Scan# 74
Delta R.T. 0.02 min
Lab File: VD063140.D
Acq: 17 Jul 2019 19:18

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 94 Resp: 3209

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

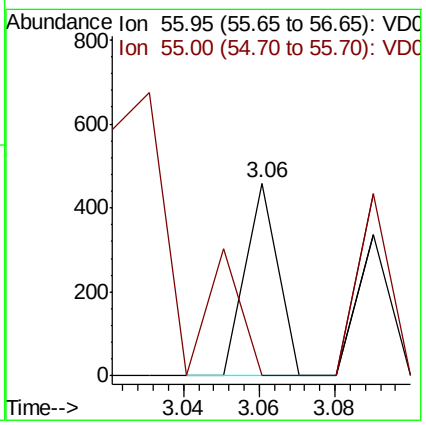


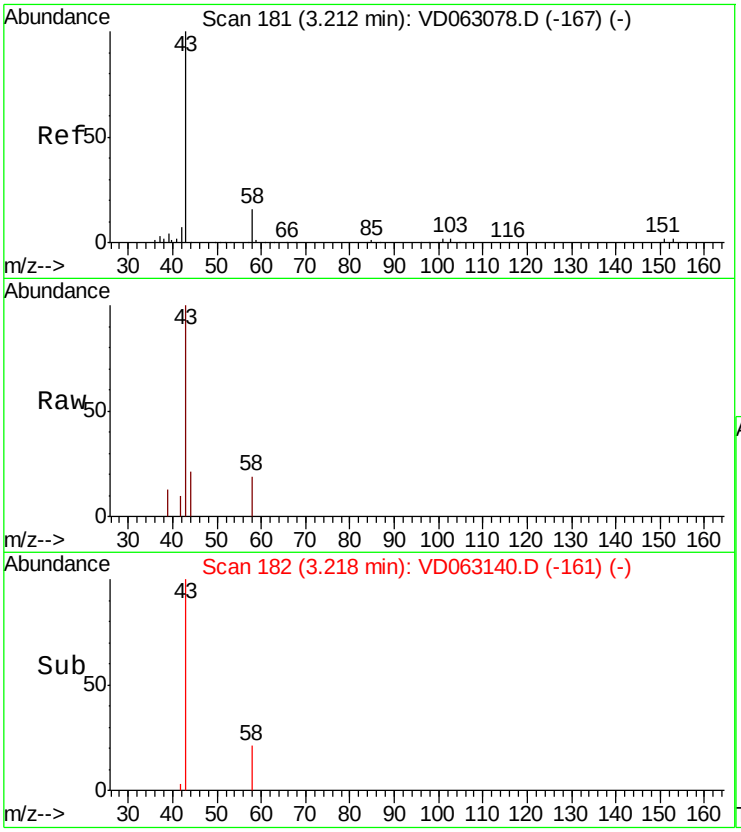


#13
Acrolein
Concen: 1.403 ug/l
RT: 3.06 min Scan# 166
Delta R.T. 0.05 min
Lab File: VD063140.D
Acq: 17 Jul 2019 19:18

Tgt Ion: 56 Resp: 271

Ion	Ratio	Lower	Upper
56	100		
55	0.0	53.0	79.4#



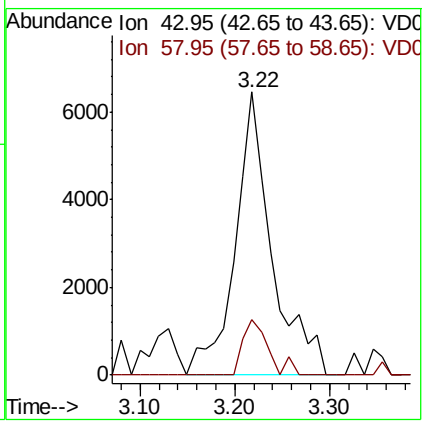


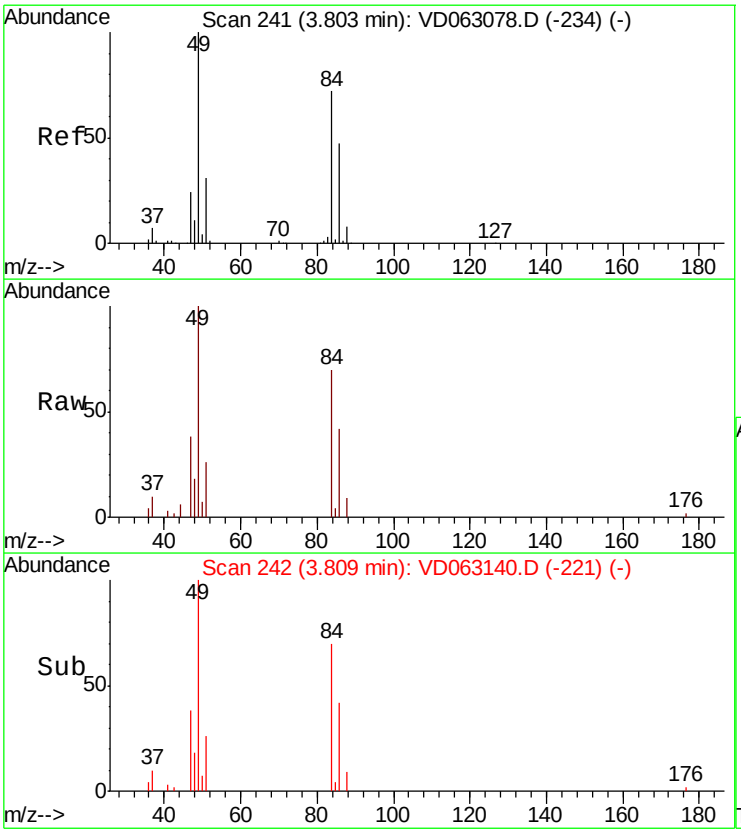
#16
Acetone
Concen: 6.492 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.01 min
Lab File: VD063140.D
Acq: 17 Jul 2019 19:18

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 17391

Ion	Ratio	Lower	Upper
43	100		
58	19.5	13.0	19.4#

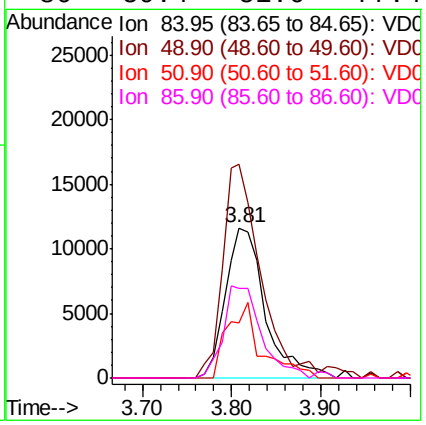


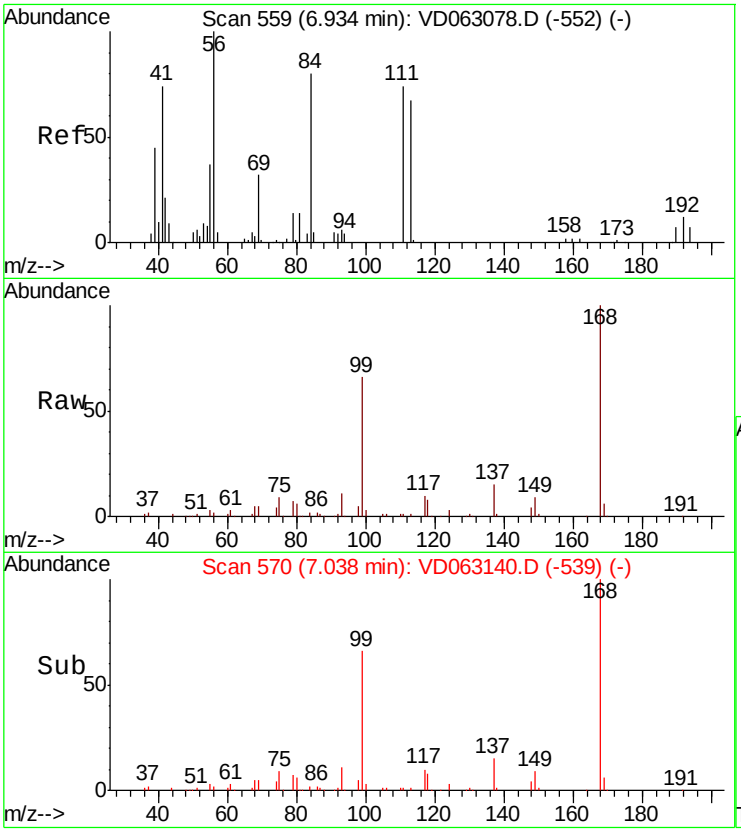


#20
Methylene Chloride
Concen: 3.576 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD063140.D
Acq: 17 Jul 2019 19:18

Tgt Ion: 84 Resp: 36197

Ion	Ratio	Lower	Upper
84	100		
49	142.2	110.5	165.7
51	36.3	34.6	51.8
86	59.4	51.6	77.4



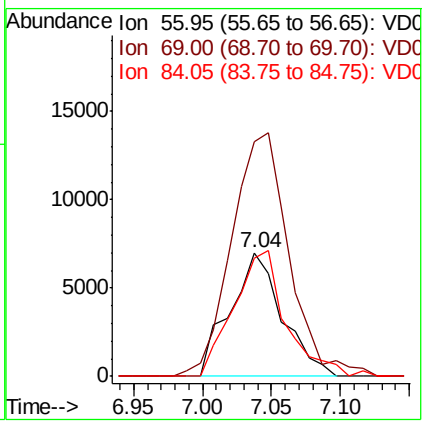


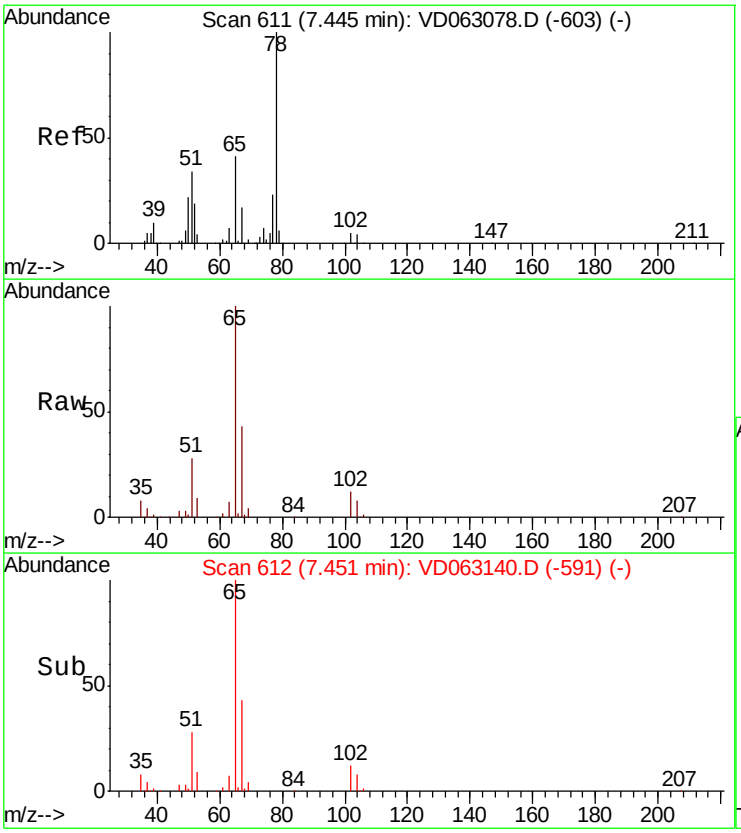
#31
Cyclohexane
Concen: 1.740 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.10 min
Lab File: VD063140.D
Acq: 17 Jul 2019 19:18

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 18375

Ion	Ratio	Lower	Upper
56	100		
69	189.1	25.3	37.9#
84	95.8	64.2	96.4

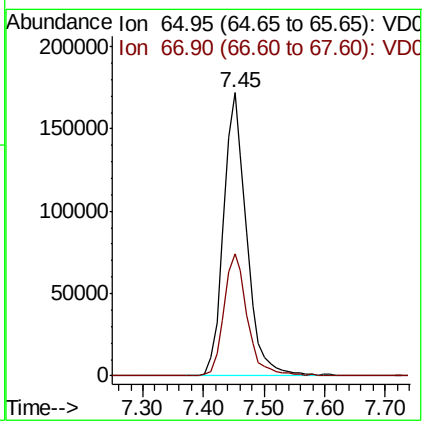


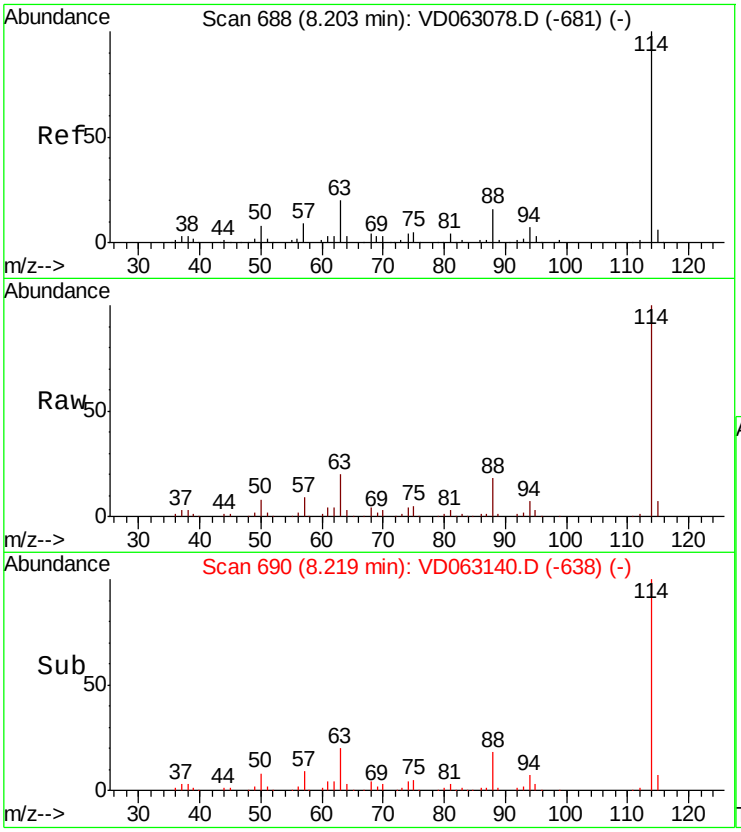


#33
1,2-Dichloroethane-d4
Concen: 41.027 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.01 min
Lab File: VD063140.D
Acq: 17 Jul 2019 19:18

Tgt Ion: 65 Resp: 455063

Ion	Ratio	Lower	Upper
65	100		
67	43.1	0.0	86.0



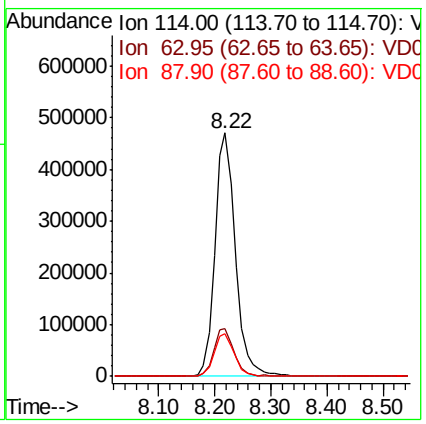


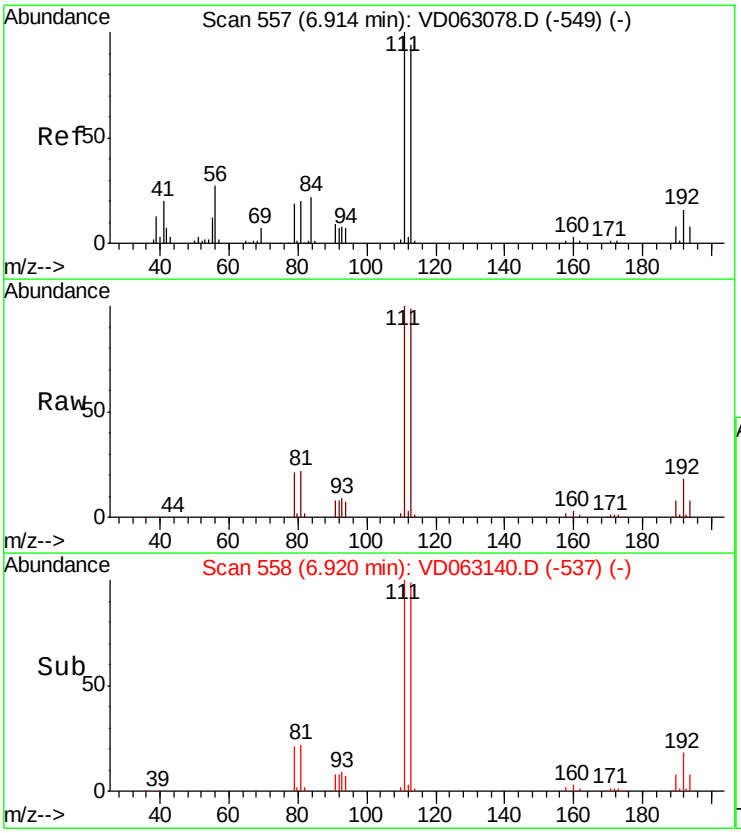
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.02 min
Lab File: VD063140.D
Acq: 17 Jul 2019 19:18

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 1195026

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.6
88	17.7	0.0	32.6

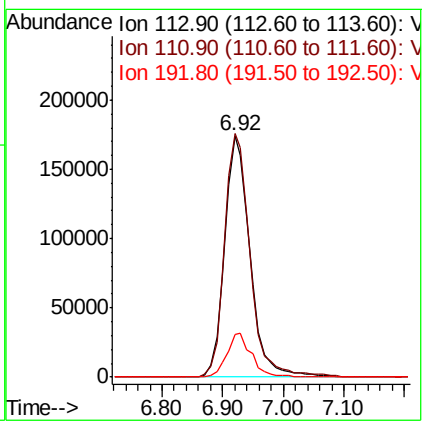


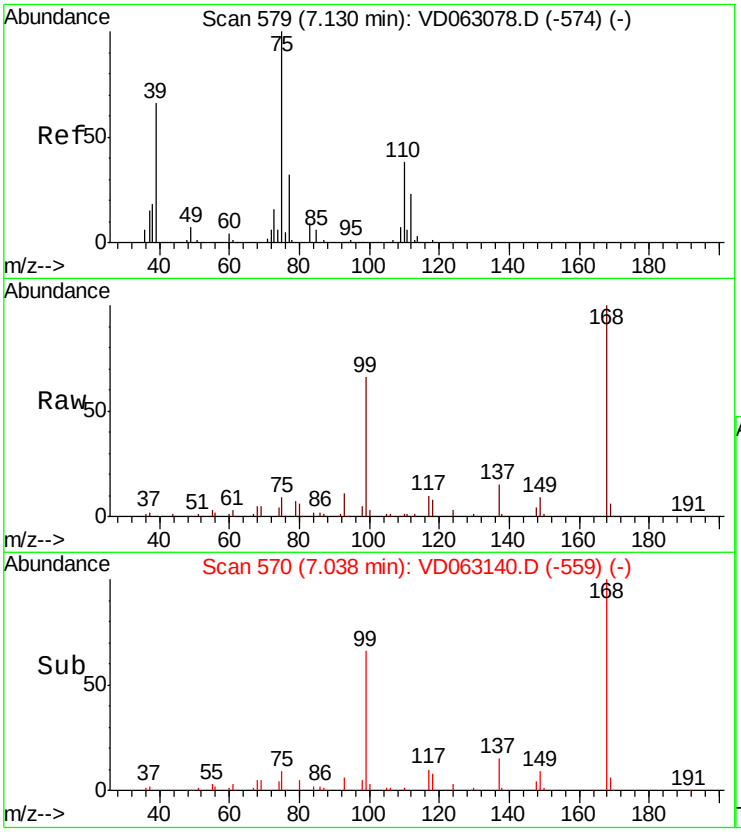


#35
Dibromofluoromethane
Concen: 42.561 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.01 min
Lab File: VD063140.D
Acq: 17 Jul 2019 19:18

Tgt Ion:113 Resp: 506596

Ion	Ratio	Lower	Upper
113	100		
111	101.0	84.8	127.2
192	18.0	13.4	20.0



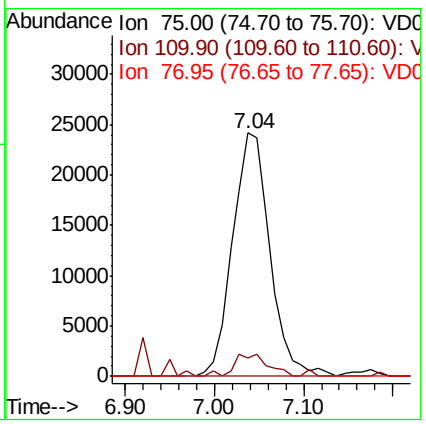


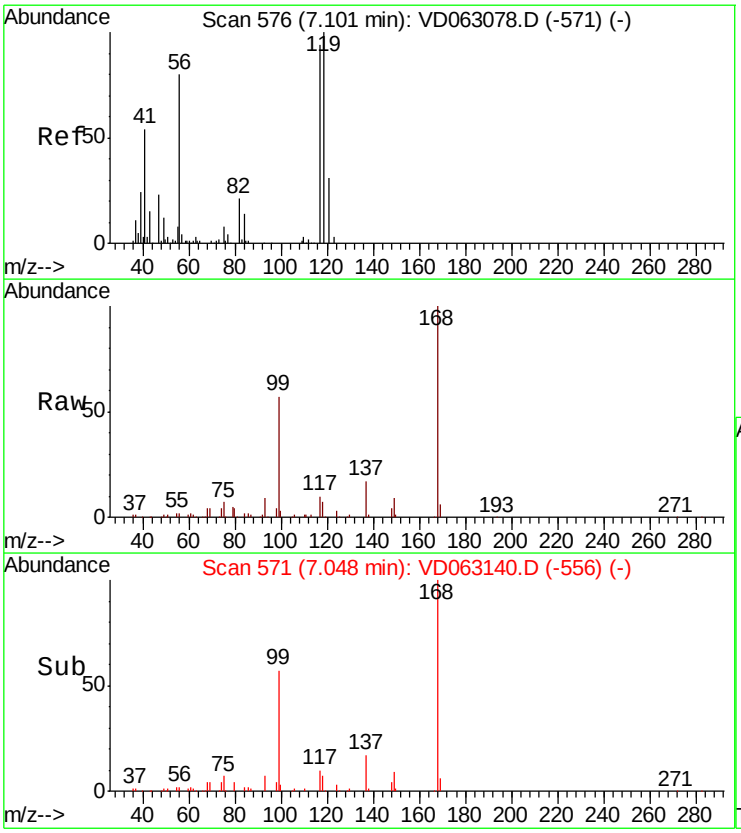
#36
1,1-Dichloropropene
Concen: 5.217 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.09 min
Lab File: VD063140.D
Acq: 17 Jul 2019 19:18

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 70117

Ion	Ratio	Lower	Upper
75	100		
110	7.6	18.9	56.5#
77	0.0	25.2	37.8#

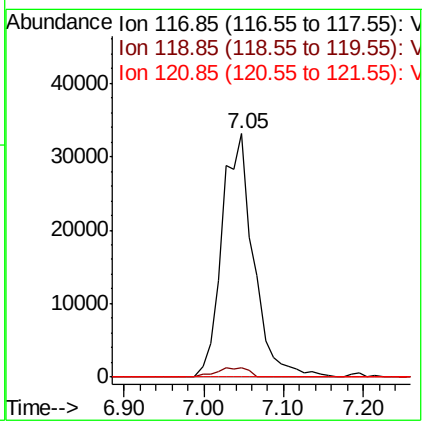


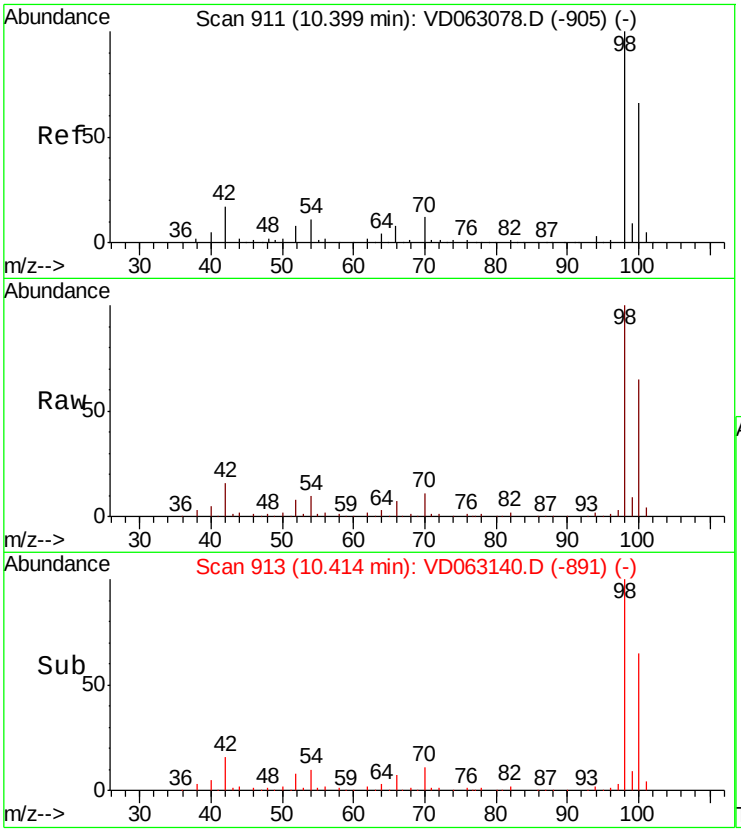


#38
Carbon Tetrachloride
Concen: 4.514 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.05 min
Lab File: VD063140.D
Acq: 17 Jul 2019 19:18

Tgt Ion:117 Resp: 92193

Ion	Ratio	Lower	Upper
117	100		
119	3.6	80.0	120.0#
121	0.0	25.0	37.4#



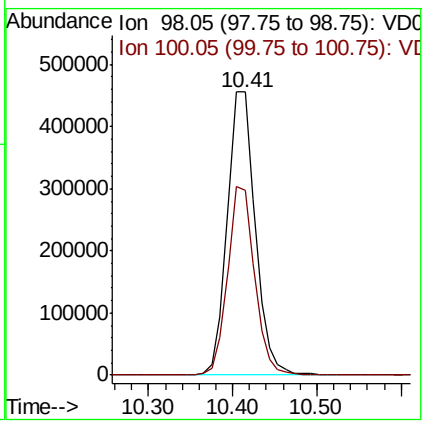


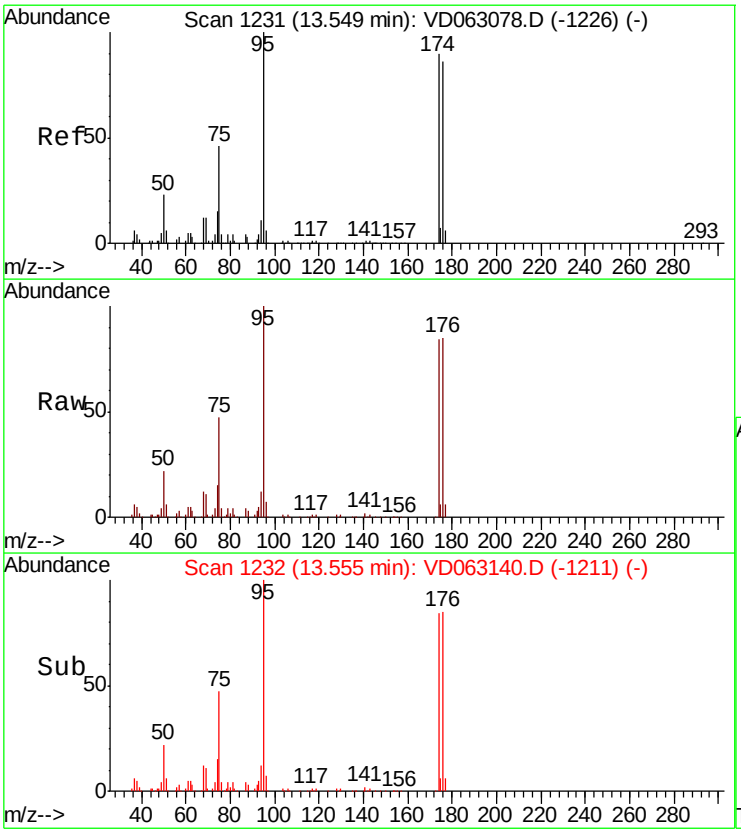
#50
Toluene-d8
Concen: 41.351 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.02 min
Lab File: VD063140.D
Acq: 17 Jul 2019 19:18

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 1057229

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.5	80.3

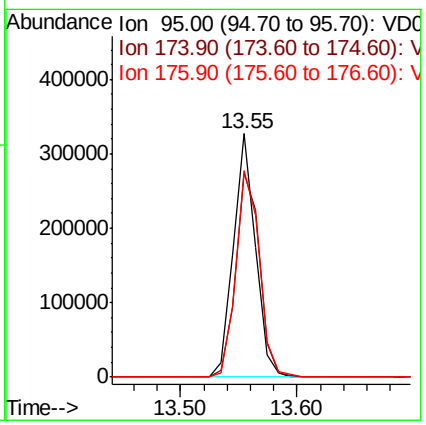


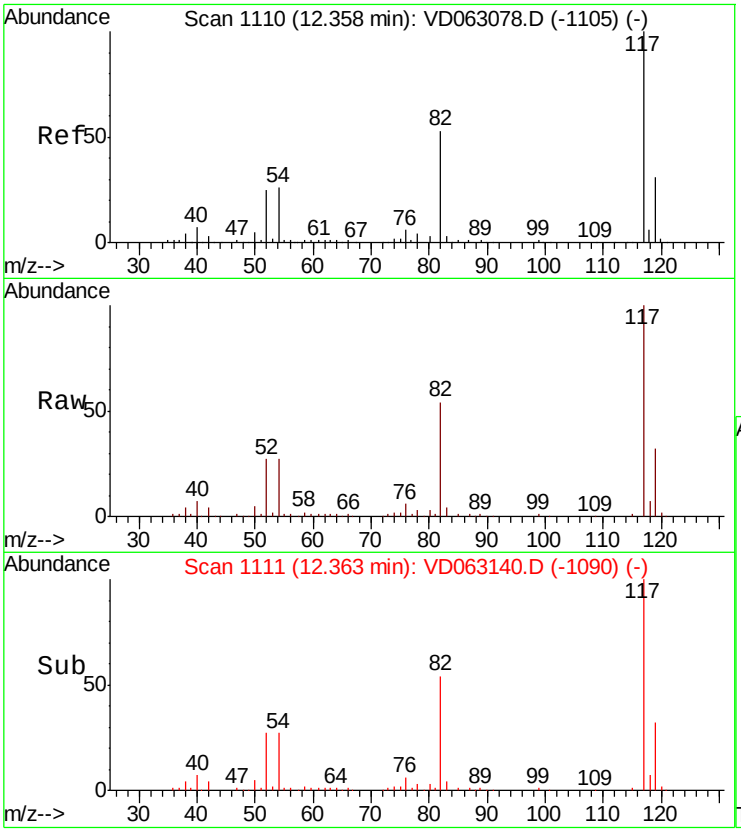


#62
4-Bromofluorobenzene
Concen: 36.227 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD063140.D
Acq: 17 Jul 2019 19:18

Tgt Ion: 95 Resp: 428508

Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	180.6
176	84.8	0.0	172.2



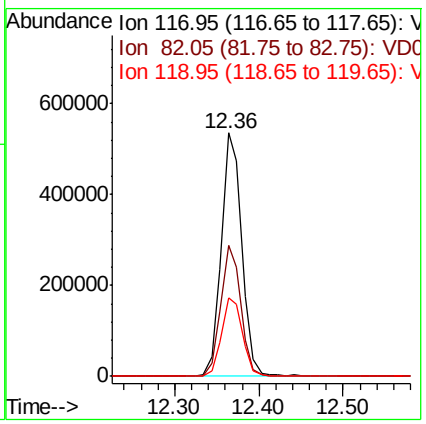


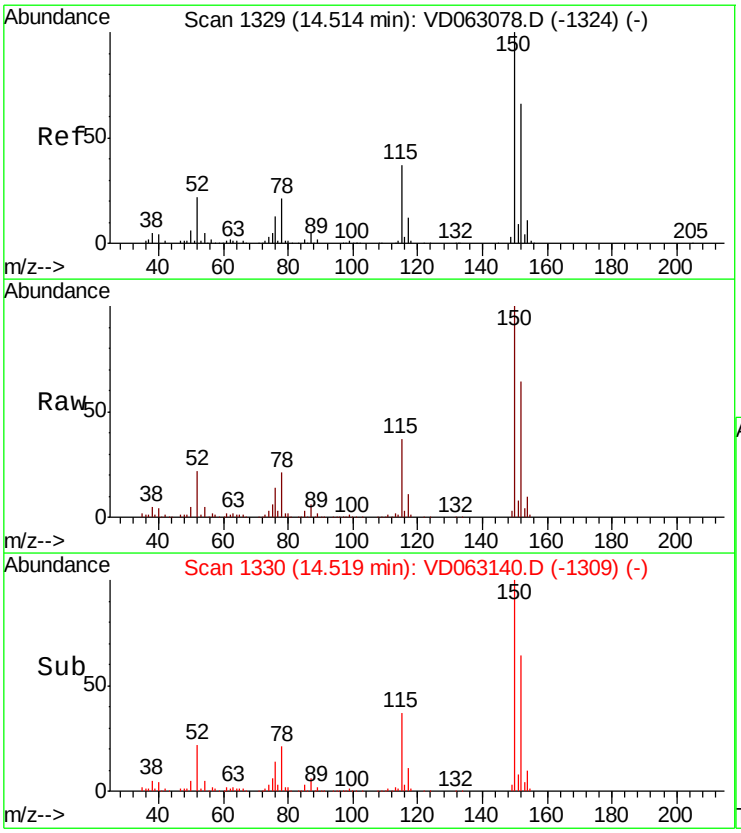
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD063140.D
Acq: 17 Jul 2019 19:18

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 900908

Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.3	63.5
119	32.3	25.2	37.8

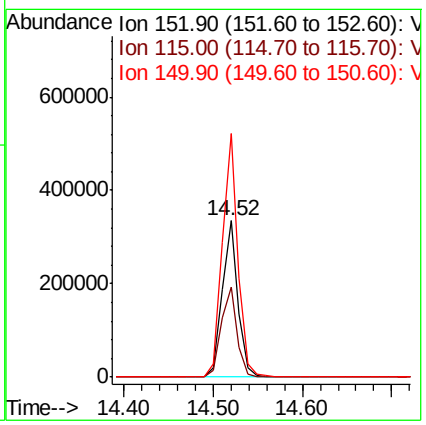


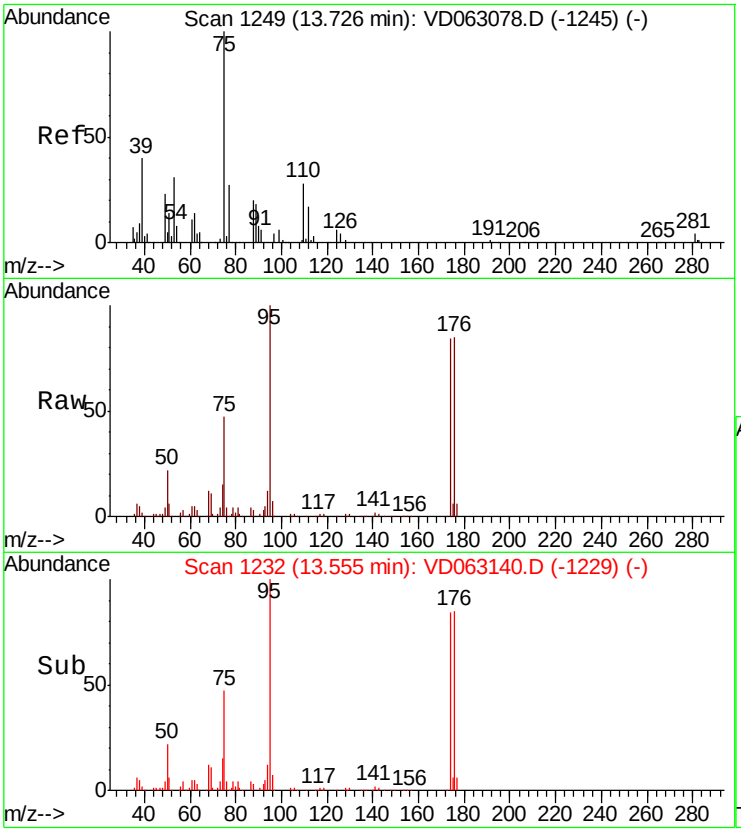


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD063140.D
Acq: 17 Jul 2019 19:18

Tgt Ion:152 Resp: 416990

Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.9	86.8
150	156.1	0.0	313.8



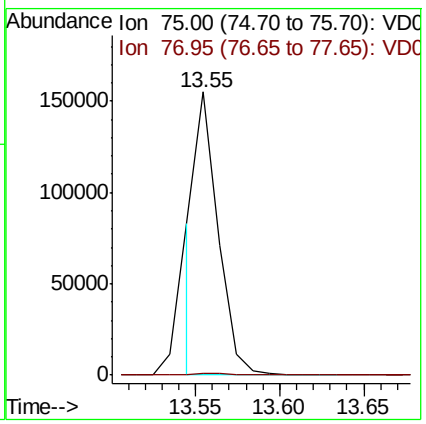


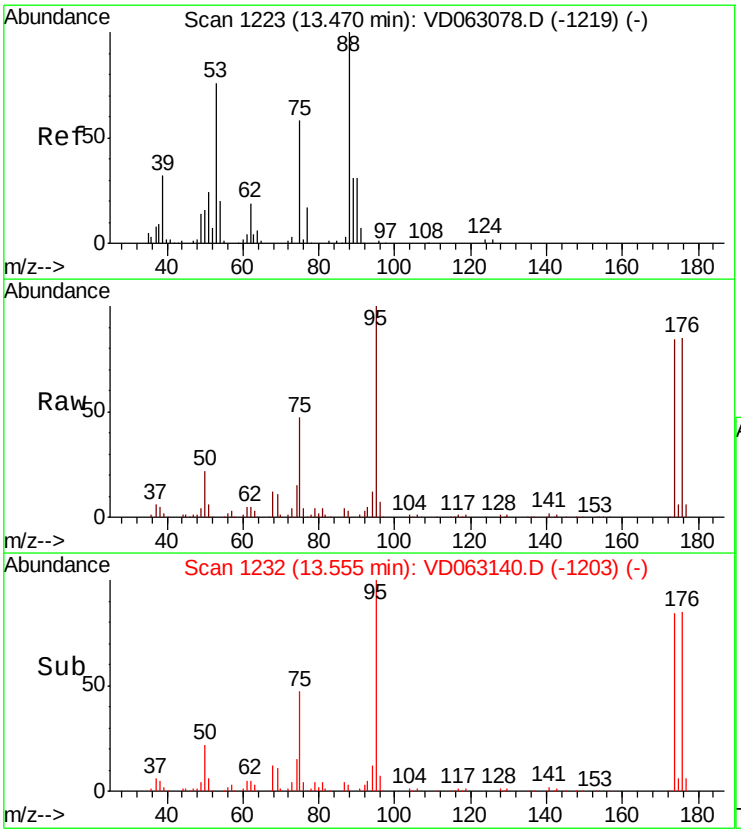
#76
1,2,3-Trichloropropane
Concen: 22.242 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.17 min
Lab File: VD063140.D
Acq: 17 Jul 2019 19:18

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 142670

Ion	Ratio	Lower	Upper
75	100		
77	0.6	16.3	48.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 117.385 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD063140.D
Acq: 17 Jul 2019 19:18

Tgt Ion: 75 Resp: 198285

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