Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD101819\
Data File : VD064010.D
Acq On : 18 Oct 2019 14:54
Operator : VA/SY
Sample : K5453-01
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Oct 19 01:39:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	112176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	216846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	225865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	111257	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	75234	68.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 137.78%			
35) Dibromofluoromethane	7.92	113	69860	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.44%			
50) Toluene-d8	10.34	98	298839	55.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.12%			
62) 4-Bromofluorobenzene	12.64	95	92649	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.14%			
Target Compounds						Qvalue
3) Chloromethane	2.20	50	342	Below Cal	#	40
11) Tert butyl alcohol	5.27	59	59	Below Cal	#	71
13) Acrolein	3.70	56	138	1.415 ug/l	#	7
16) Acetone	4.18	43	1074	3.777 ug/l	#	42
20) Methylene Chloride	4.96	84	2233	Below Cal	#	94
28) Bromochloromethane	7.58	49	73	1.958 ug/l	#	10
31) Cyclohexane	7.98	56	3028	Below Cal	#	29
36) 1,1-Dichloropropene	7.98	75	9028	4.553 ug/l	#	49
37) Ethyl Acetate	7.31	43	184	Below Cal	#	68
38) Carbon Tetrachloride	7.98	117	11006	5.493 ug/l	#	20
76) 1,2,3-Trichloropropane	12.64	75	51606	69.254 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.64	75	51606	122.552 ug/l	#	12
92) 1,2-Dibromo-3-Chloropropan	14.52	75	69	Below Cal	#	1

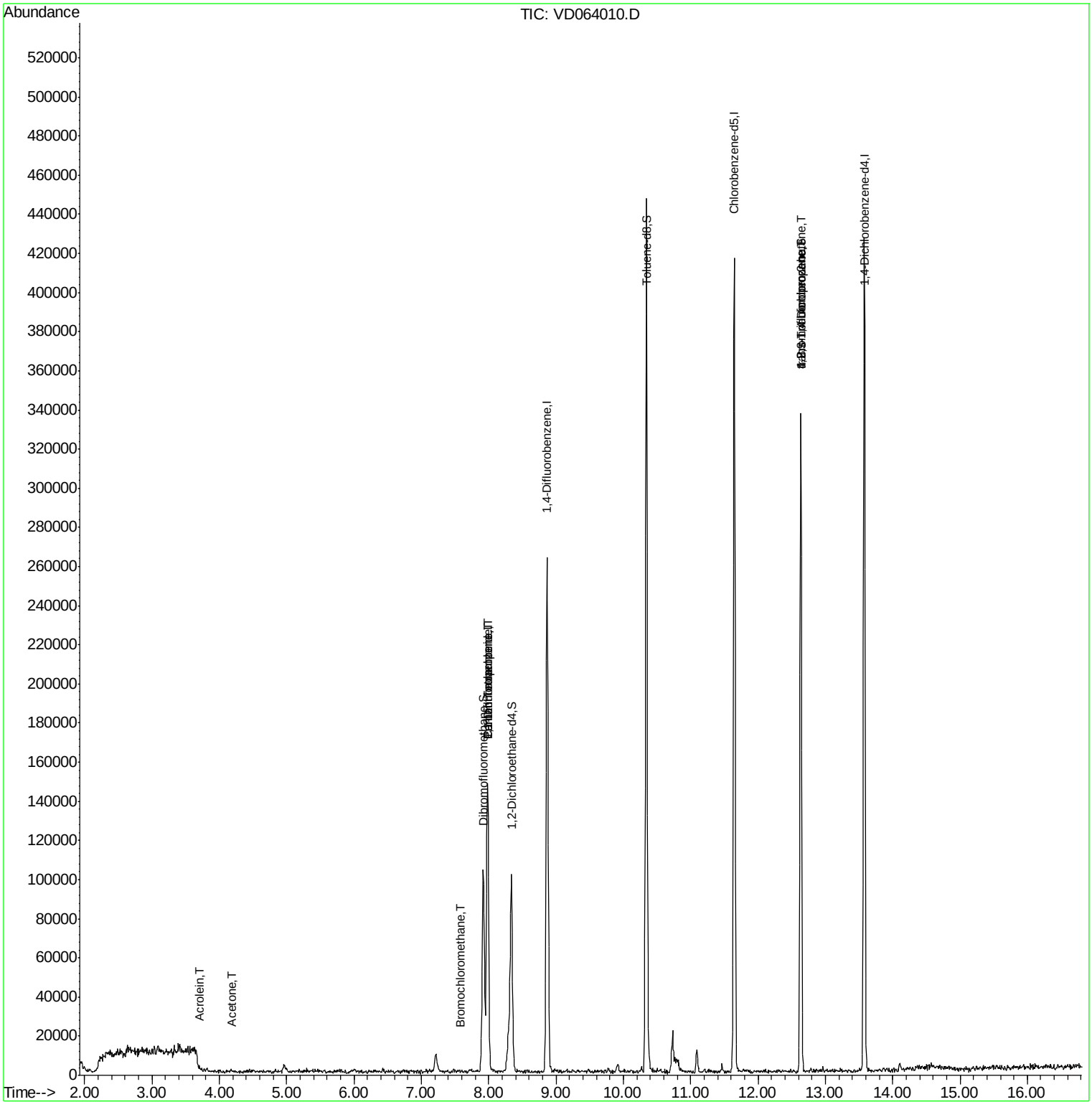
(#) = qualifier out of range (m) = manual integration (+) = signals summed

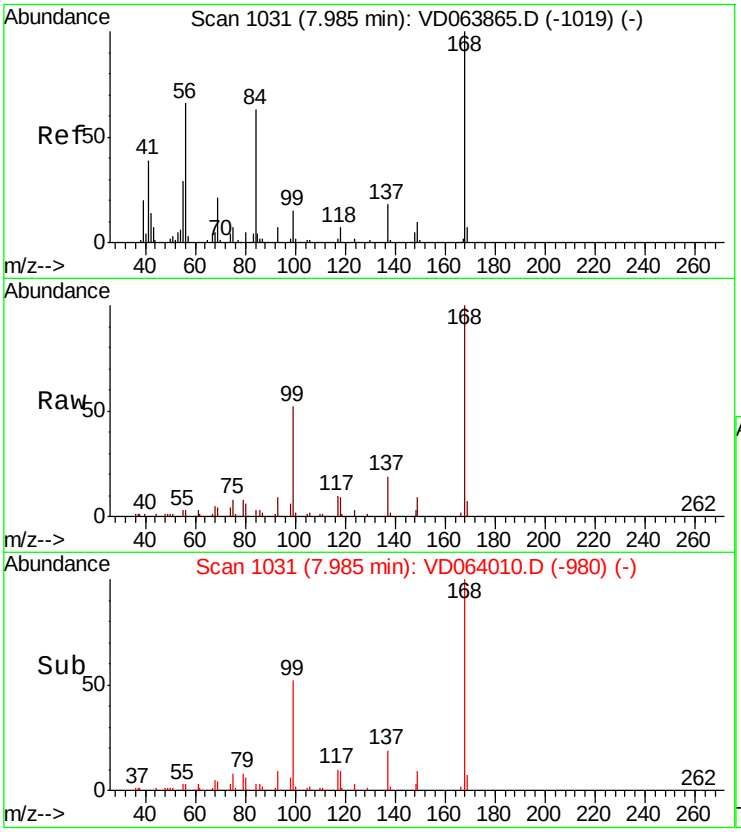
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101819\
Data File : VD064010.D
Acq On : 18 Oct 2019 14:54
Operator : VA/SY
Sample : K5453-01
Misc : 5.03G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 19 01:39:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration



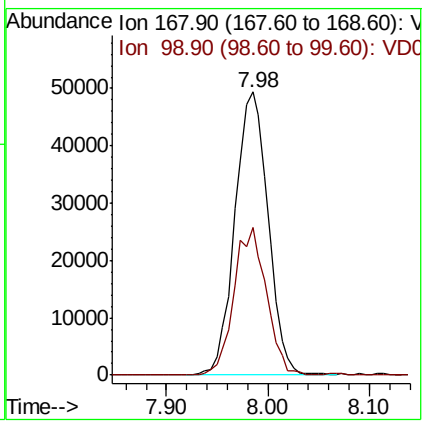


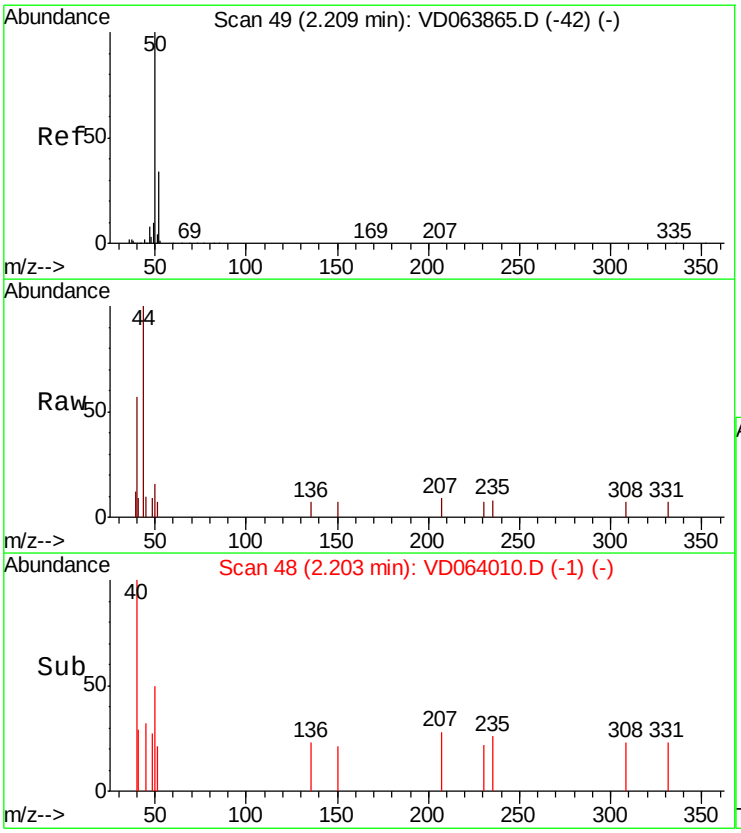
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064010.D
Acq: 18 Oct 2019 14:54

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 112176

Ion	Ratio	Lower	Upper
168	100		
99	52.2	43.0	64.4

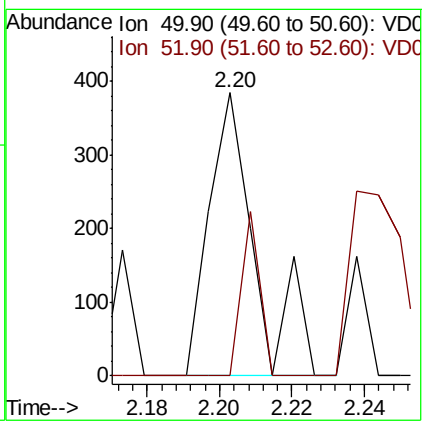


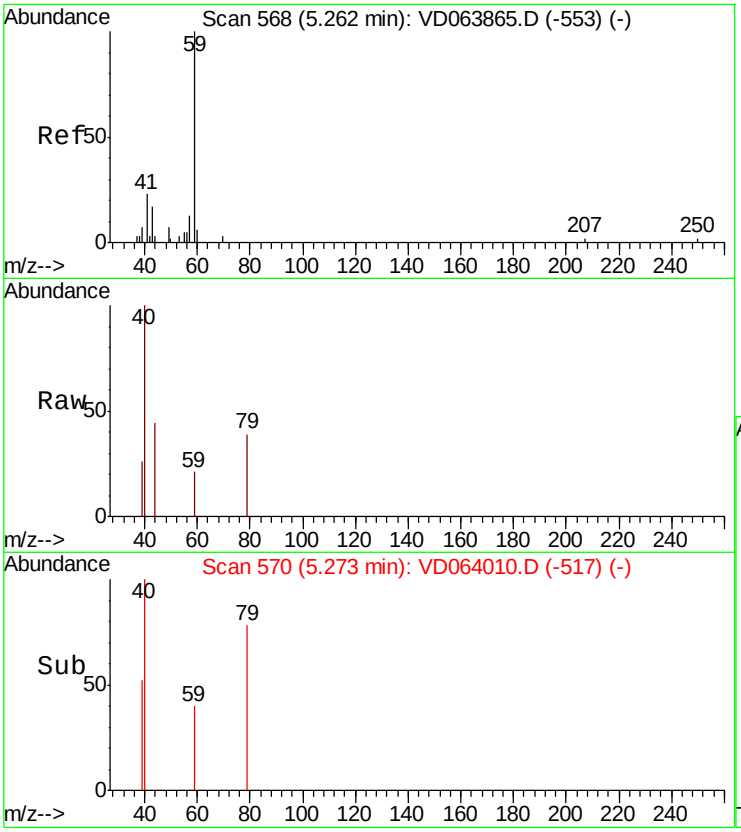


#3
Chloromethane
Concen: Below Cal
RT: 2.20 min Scan# 48
Delta R.T. -0.01 min
Lab File: VD064010.D
Acq: 18 Oct 2019 14:54

Tgt Ion: 50 Resp: 342

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.5	41.3#



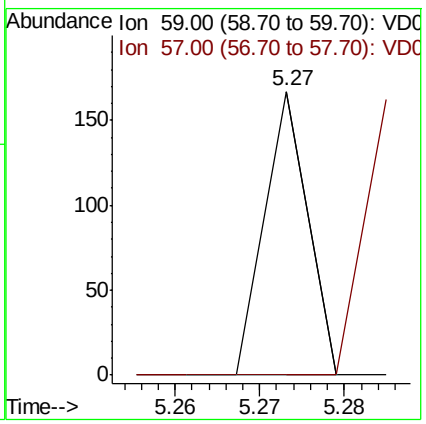


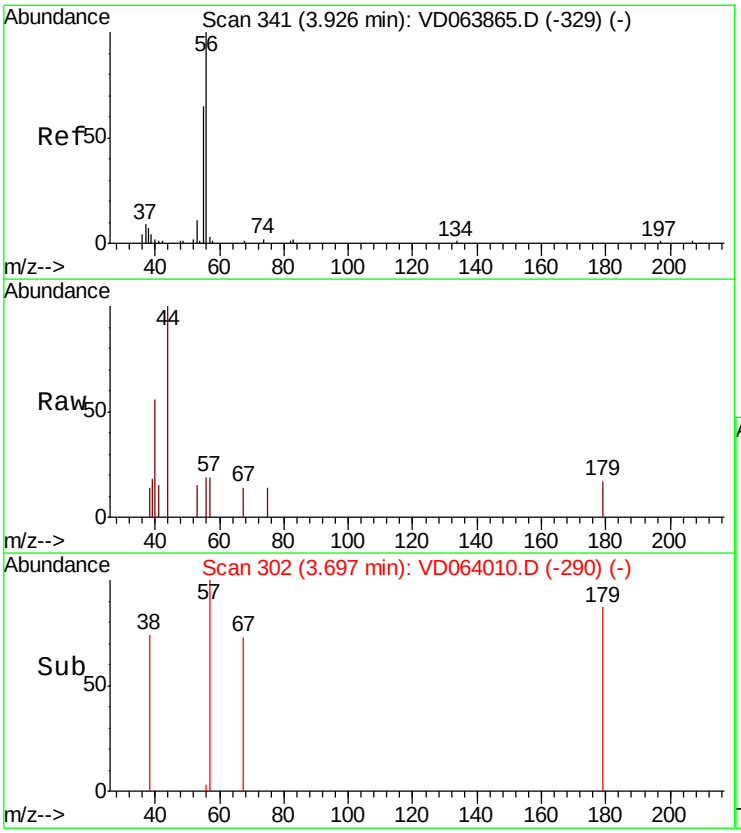
#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.27 min Scan# 570
Delta R.T. 0.01 min
Lab File: VD064010.D
Acq: 18 Oct 2019 14:54

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 59

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.8	13.2#

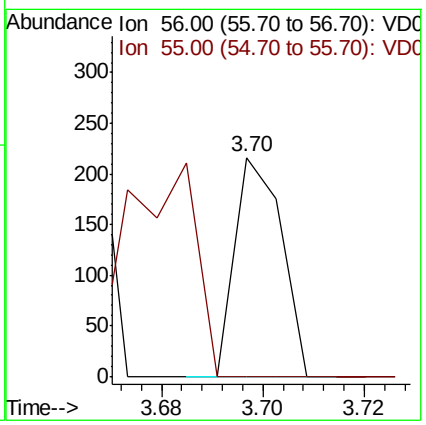


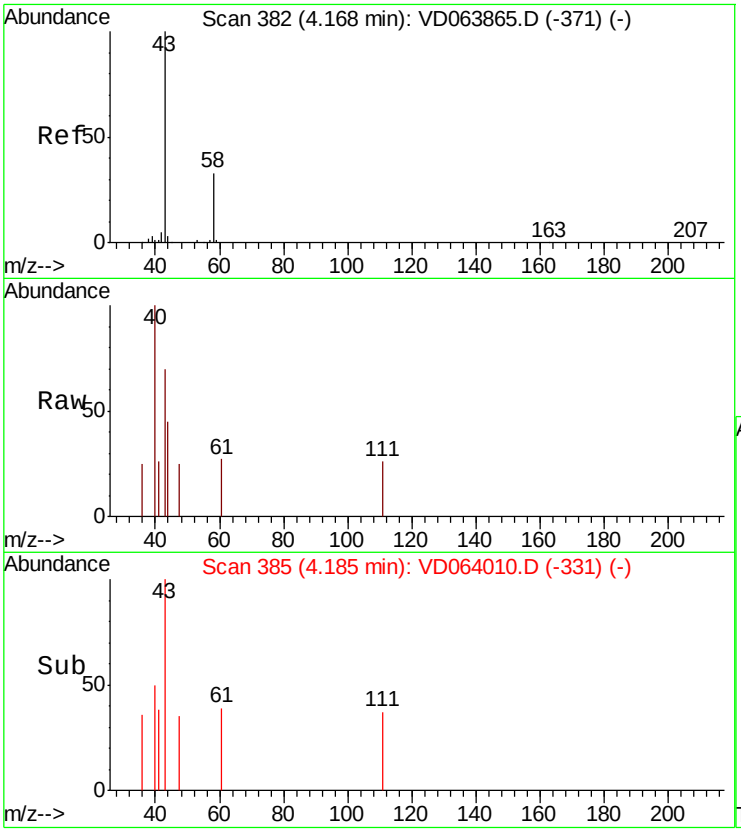


#13
Acrolein
Concen: 1.415 ug/l
RT: 3.70 min Scan# 302
Delta R.T. -0.23 min
Lab File: VD064010.D
Acq: 18 Oct 2019 14:54

Tgt Ion: 56 Resp: 138

Ion	Ratio	Lower	Upper
56	100		
55	140.6	53.0	79.6#



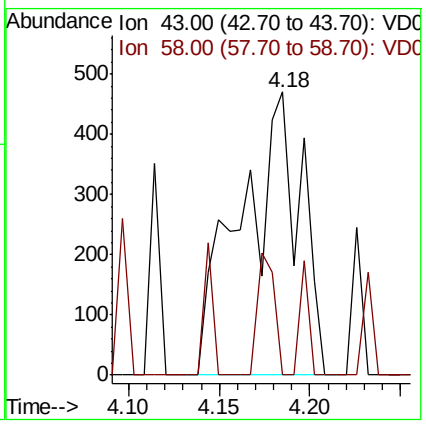


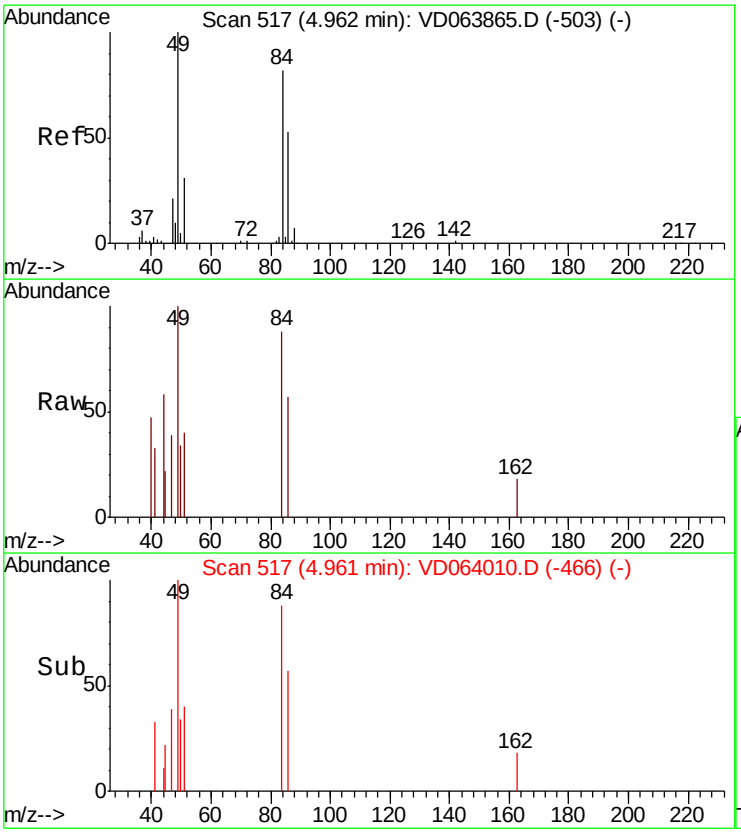
#16
Acetone
Concen: 3.777 ug/l
RT: 4.18 min Scan# 385
Delta R.T. 0.02 min
Lab File: VD064010.D
Acq: 18 Oct 2019 14:54

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 1074

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.2	39.4#

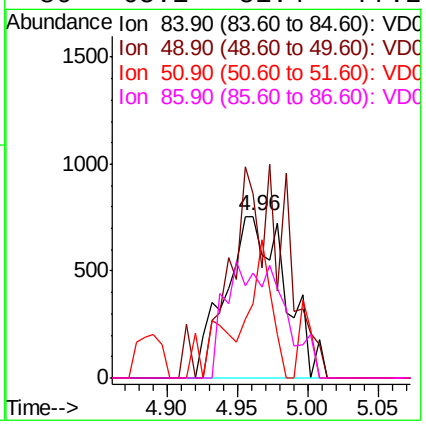


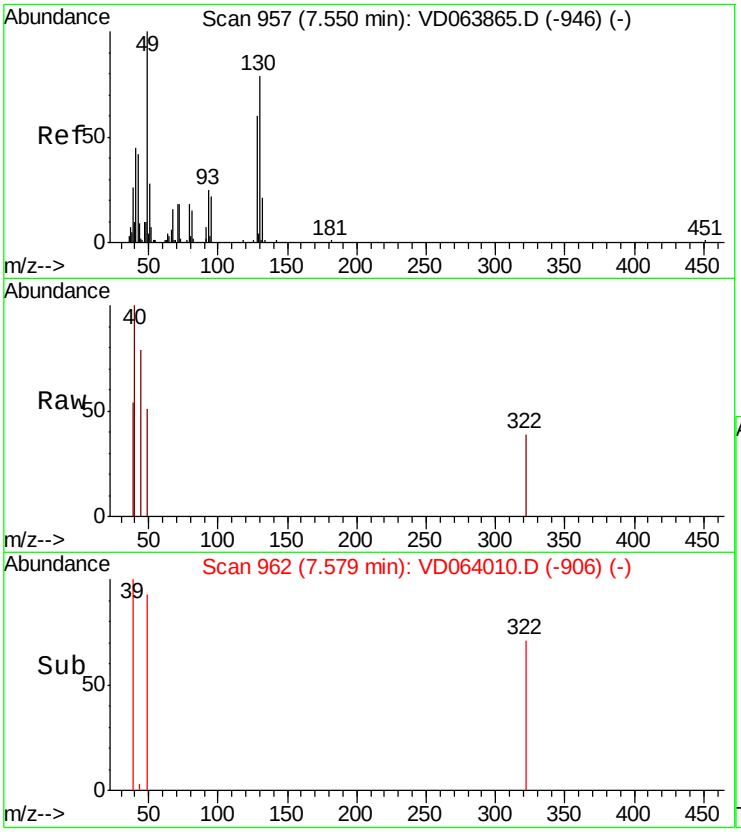


#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064010.D
Acq: 18 Oct 2019 14:54

Tgt Ion: 84 Resp: 2233

Ion	Ratio	Lower	Upper
84	100		
49	113.9	97.3	145.9
51	45.6	30.1	45.1#
86	65.1	51.4	77.2



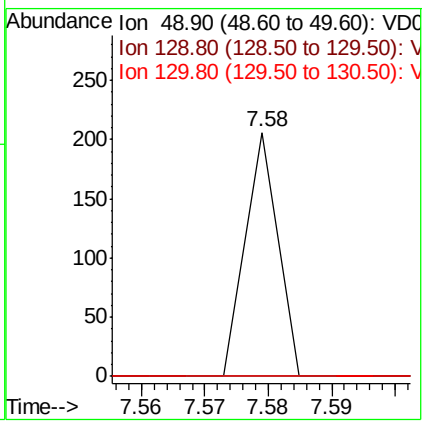


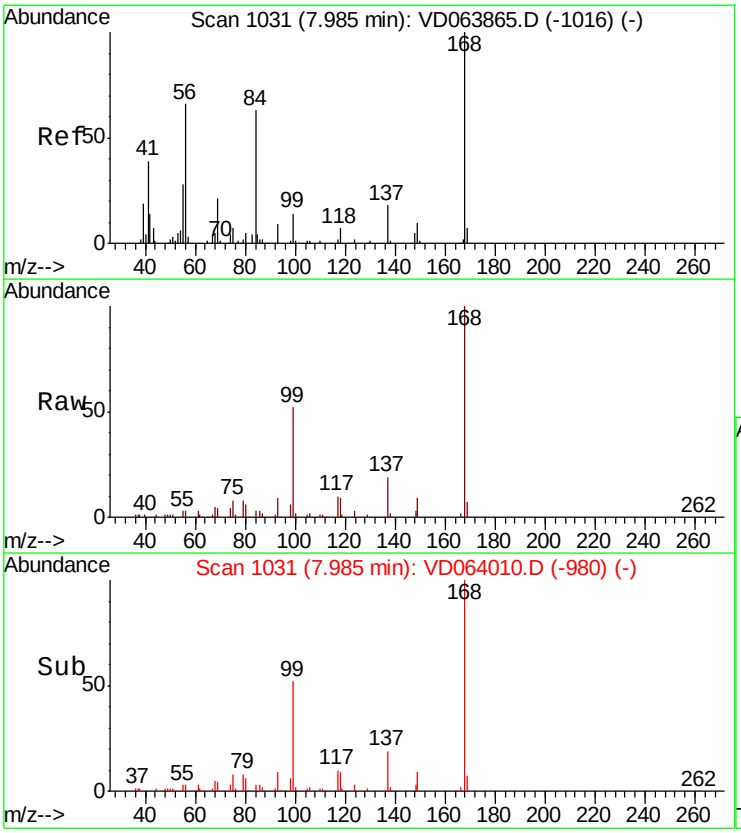
#28
Bromochloromethane
Concen: 1.958 ug/l
RT: 7.58 min Scan# 962
Delta R.T. 0.03 min
Lab File: VD064010.D
Acq: 18 Oct 2019 14:54

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 49 Resp: 73

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.6
130	0.0	66.8	100.2#

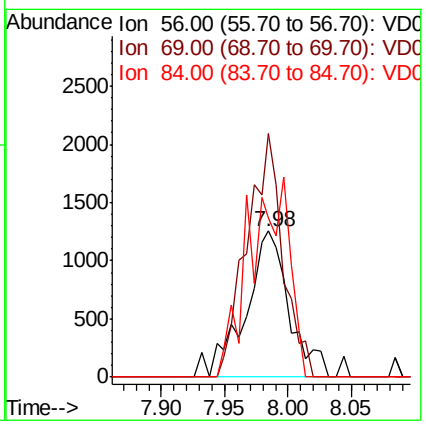


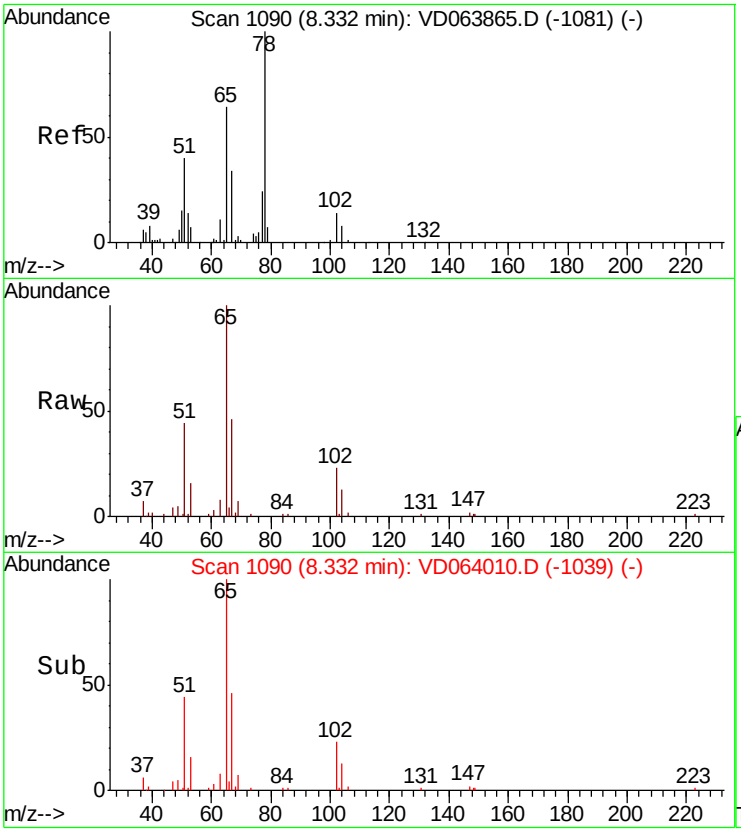


#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064010.D
Acq: 18 Oct 2019 14:54

Tgt Ion: 56 Resp: 3028

Ion	Ratio	Lower	Upper
56	100		
69	166.6	25.0	37.4#
84	109.0	76.3	114.5



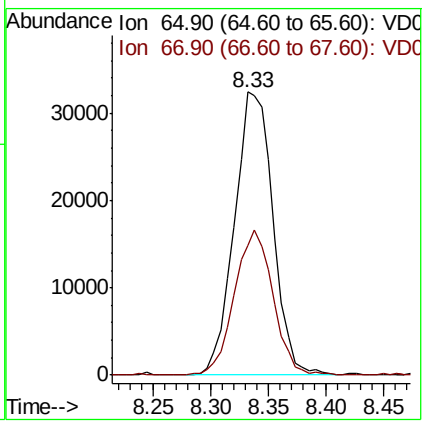


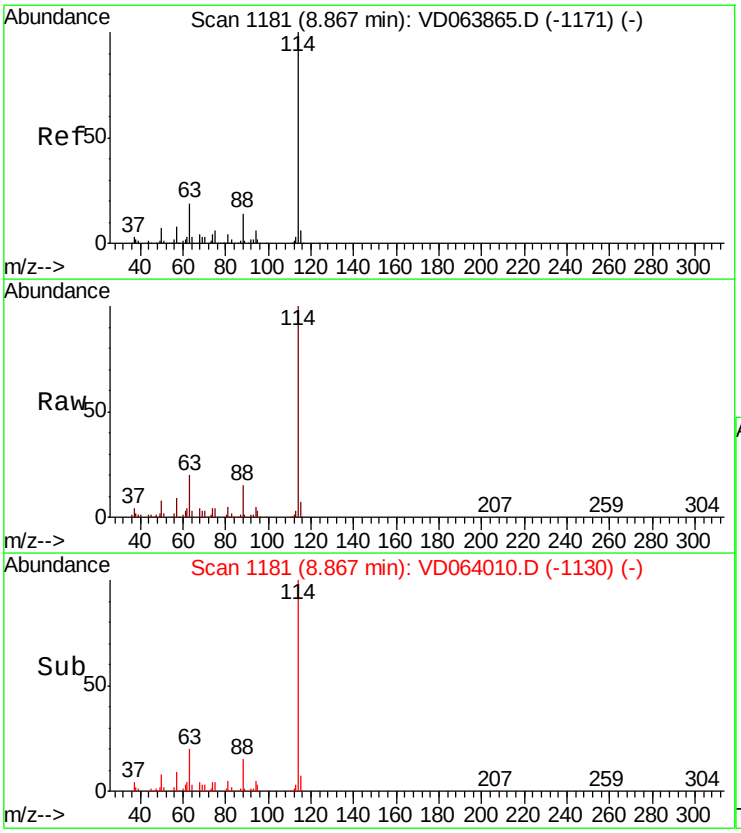
#33
1,2-Dichloroethane-d4
Concen: 68.888 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD064010.D
Acq: 18 Oct 2019 14:54

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 75234

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	106.4

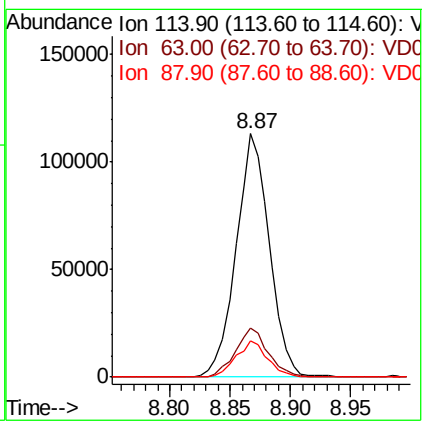


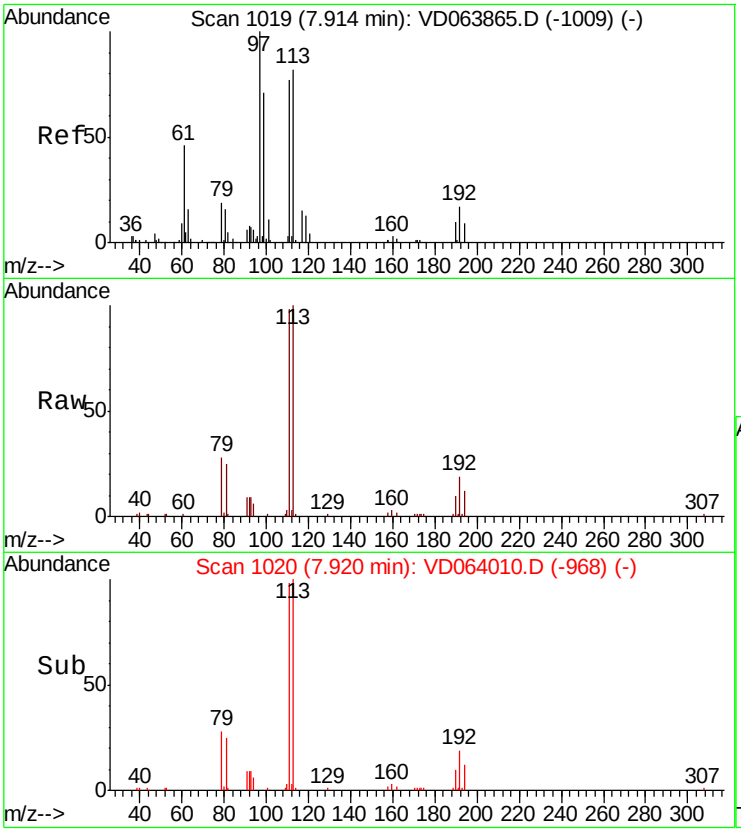


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064010.D
Acq: 18 Oct 2019 14:54

Tgt Ion:114 Resp: 216846

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	38.4
88	14.9	0.0	27.4



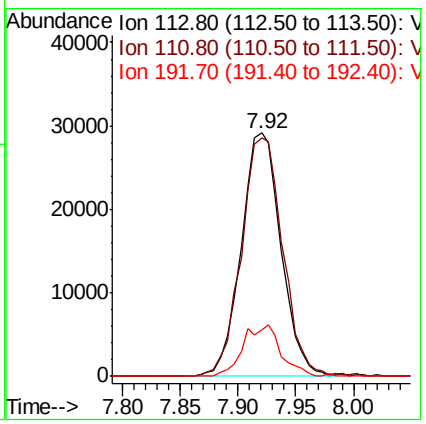


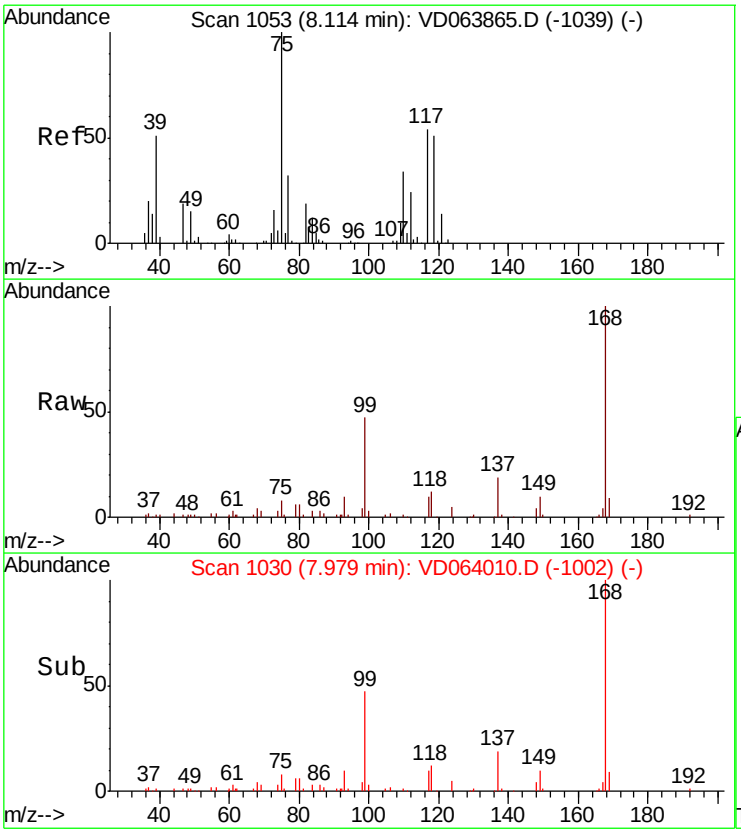
#35
Dibromofluoromethane
Concen: 52.716 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD064010.D
Acq: 18 Oct 2019 14:54

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 69860

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	123.8
192	20.0	17.1	25.7

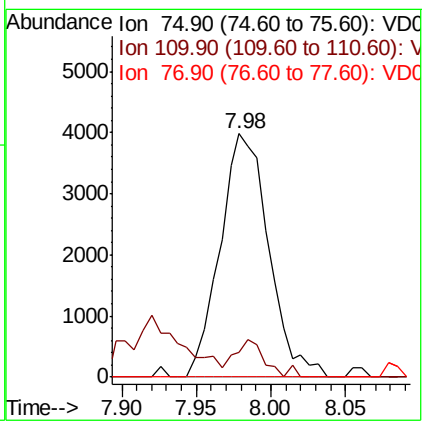


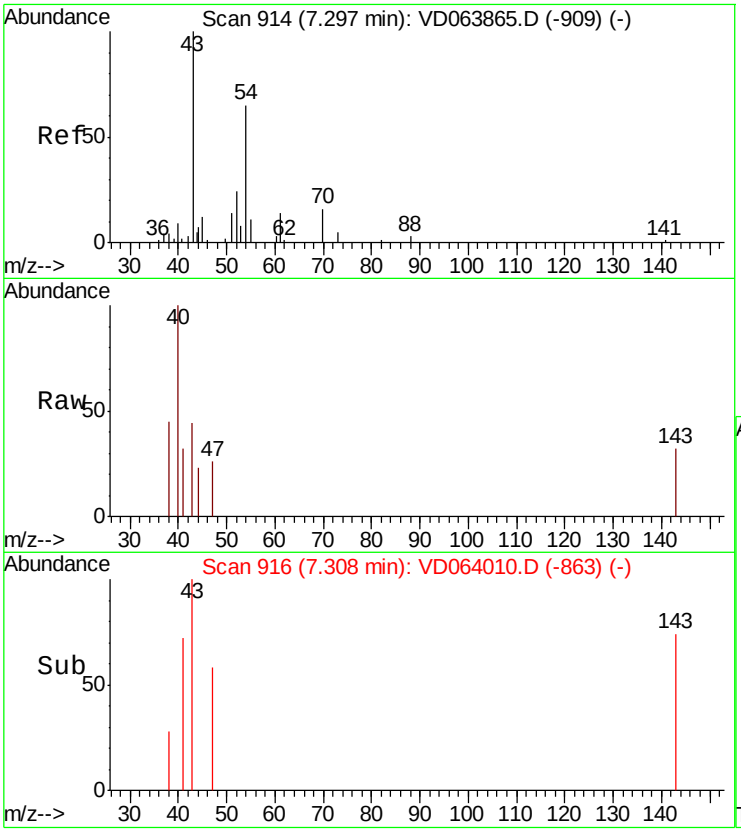


#36
1,1-Dichloropropene
Concen: 4.553 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.14 min
Lab File: VD064010.D
Acq: 18 Oct 2019 14:54

Tgt Ion: 75 Resp: 9028

Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.4	52.3#
77	0.0	25.4	38.0#



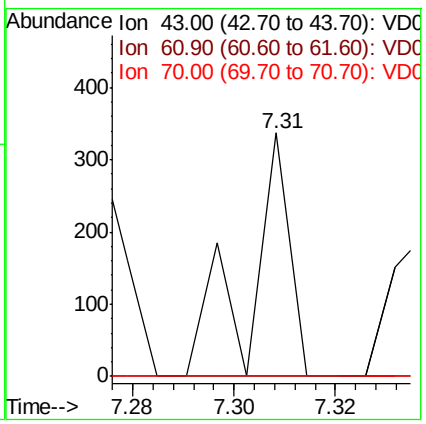


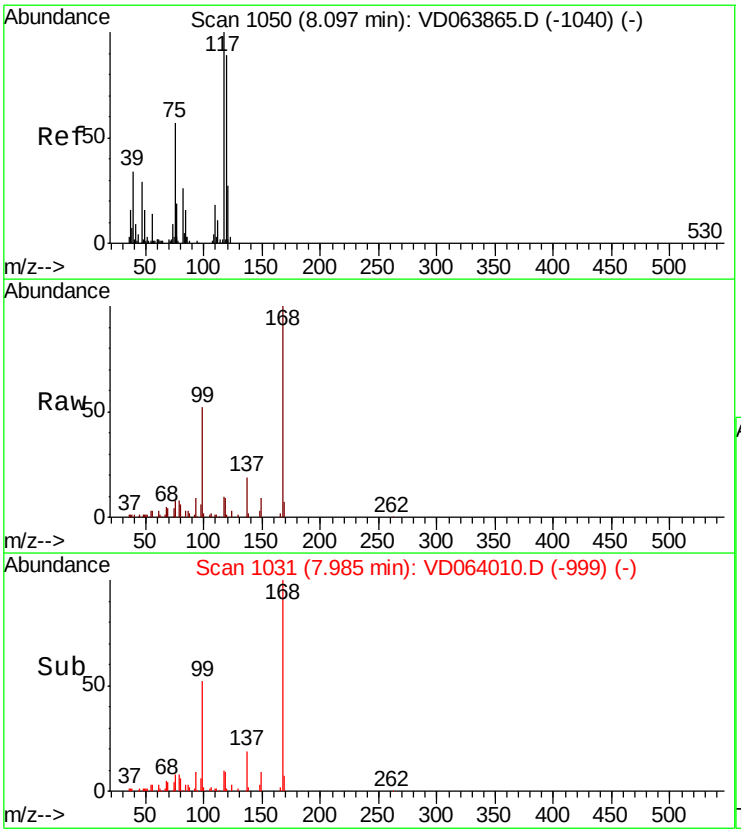
#37
Ethyl Acetate
Concen: Below Cal
RT: 7.31 min Scan# 916
Delta R.T. 0.01 min
Lab File: VD064010.D
Acq: 18 Oct 2019 14:54

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 184

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	8.2	12.4#

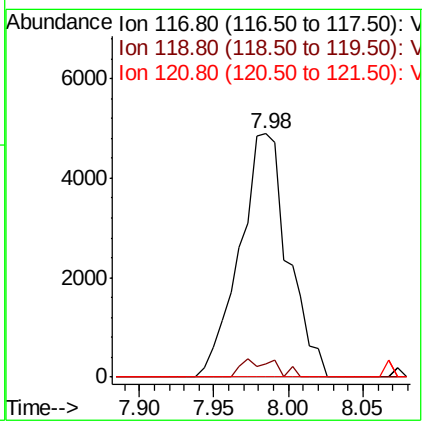


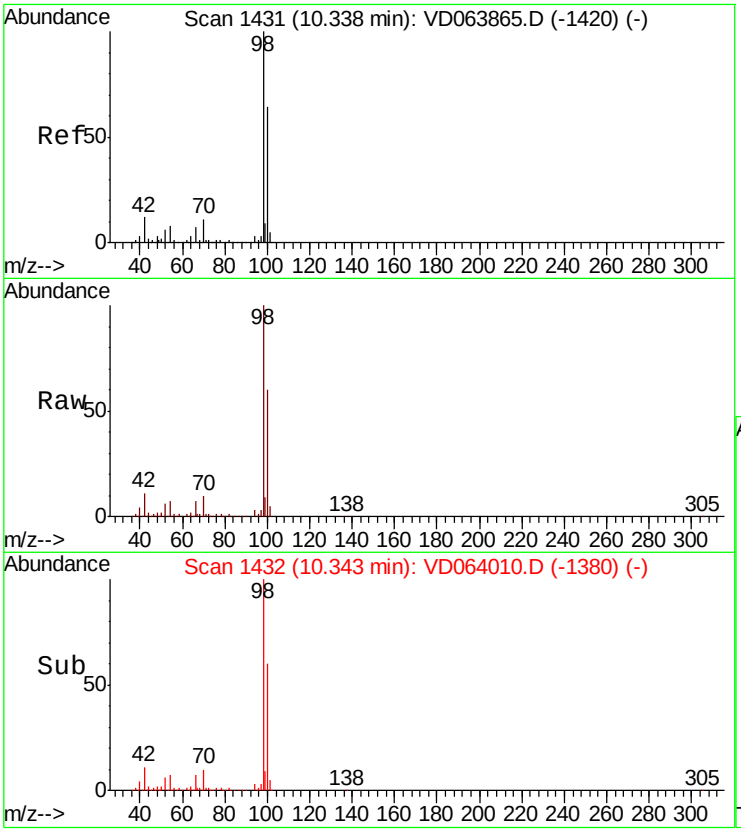


#38
Carbon Tetrachloride
Concen: 5.493 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064010.D
Acq: 18 Oct 2019 14:54

Tgt Ion:117 Resp: 11006

Ion	Ratio	Lower	Upper
117	100		
119	5.3	70.8	106.2#
121	0.0	21.4	32.0#



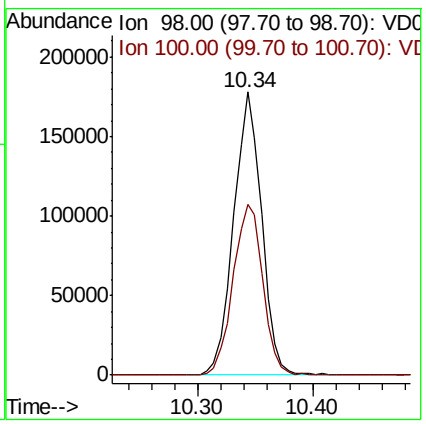


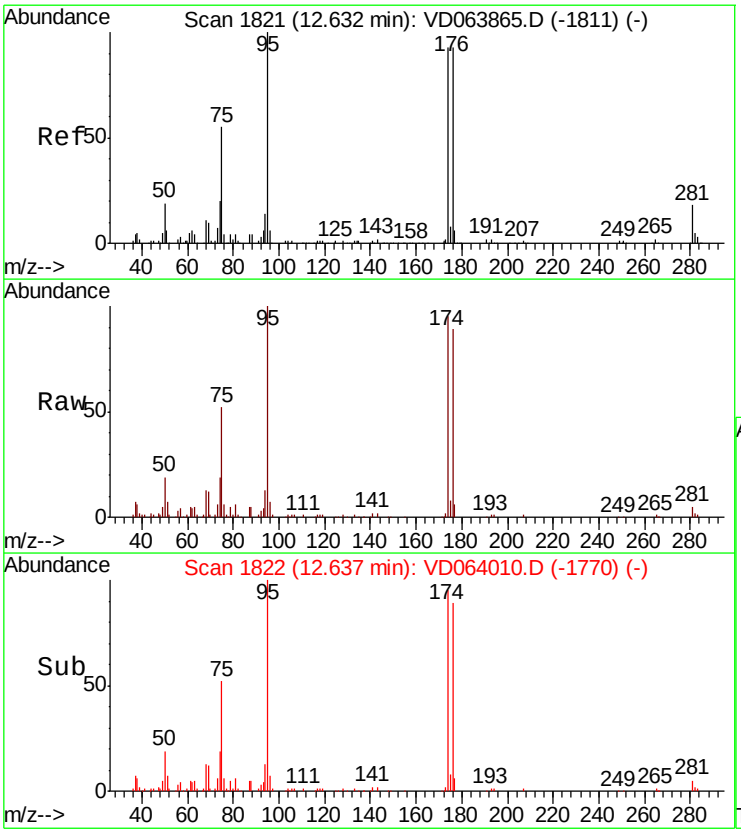
#50
Toluene-d8
Concen: 55.558 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064010.D
Acq: 18 Oct 2019 14:54

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 298839

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.1	78.1

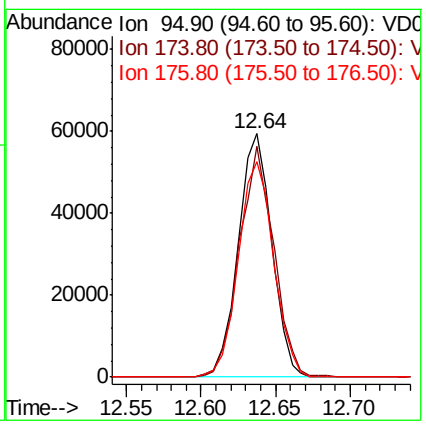


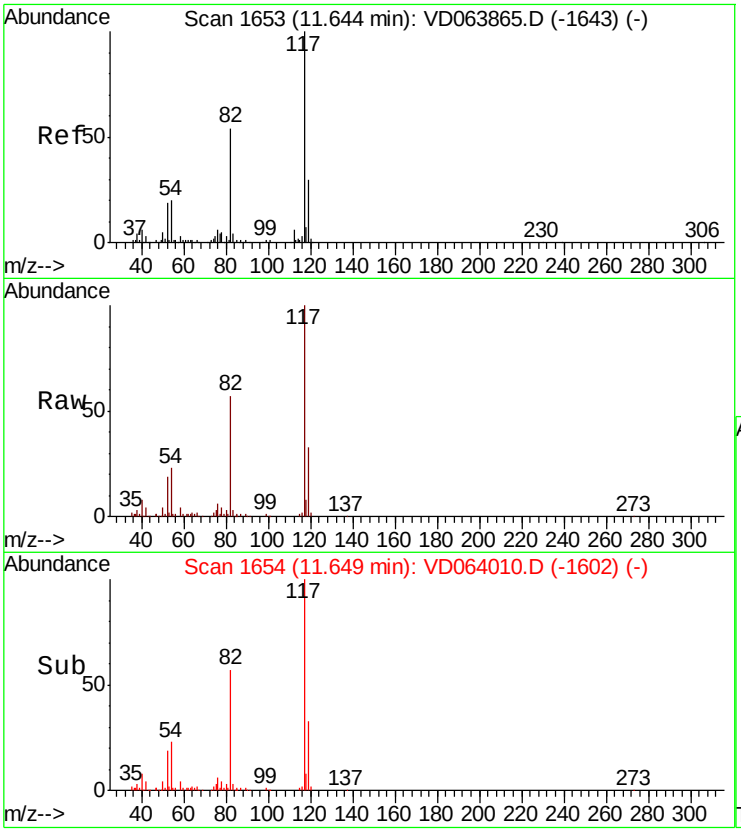


#62
4-Bromofluorobenzene
Concen: 49.568 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD064010.D
Acq: 18 Oct 2019 14:54

Tgt Ion: 95 Resp: 92649

Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	186.4
176	93.0	0.0	184.2



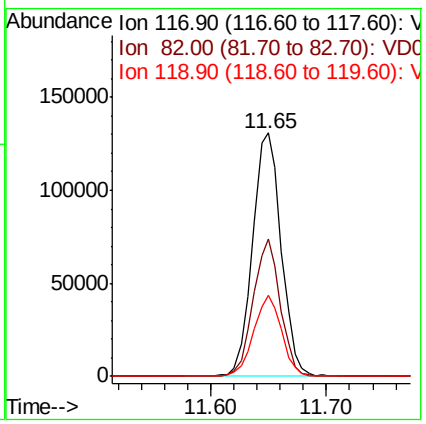


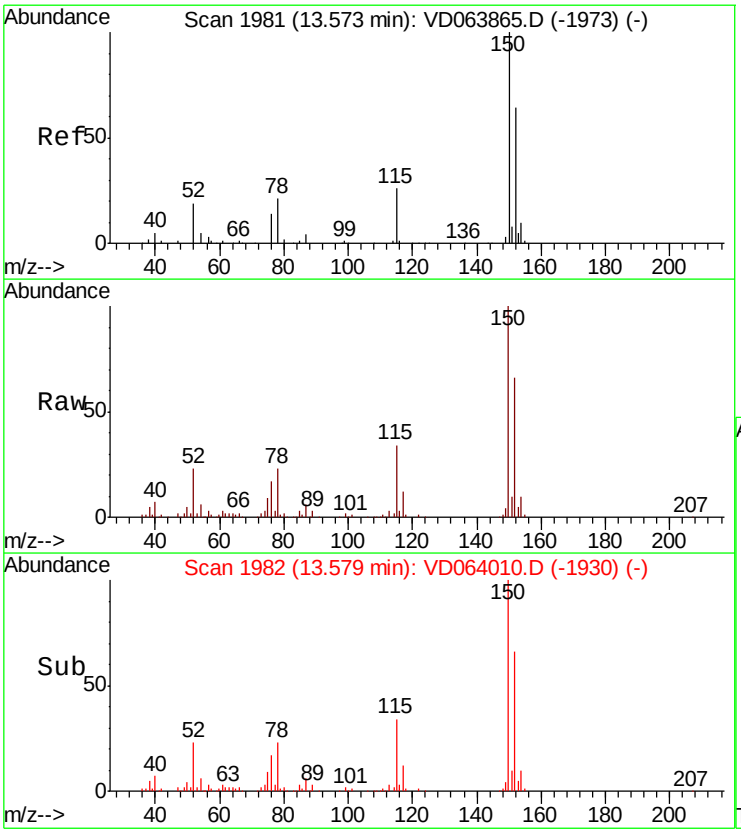
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064010.D
Acq: 18 Oct 2019 14:54

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 225865

Ion	Ratio	Lower	Upper
117	100		
82	56.6	42.8	64.2
119	33.4	24.4	36.6

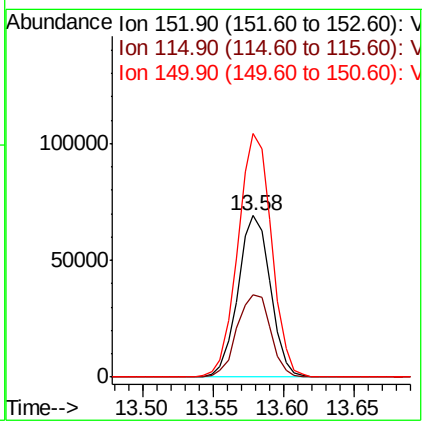


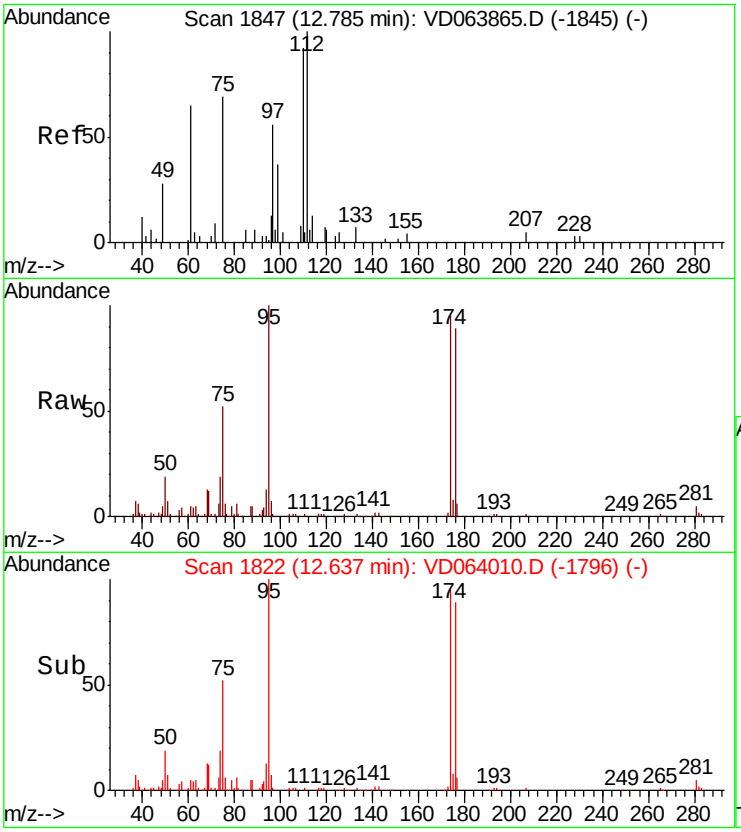


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD064010.D
Acq: 18 Oct 2019 14:54

Tgt Ion:152 Resp: 111257

Ion	Ratio	Lower	Upper
152	100		
115	52.9	25.9	77.7
150	155.8	0.0	344.2



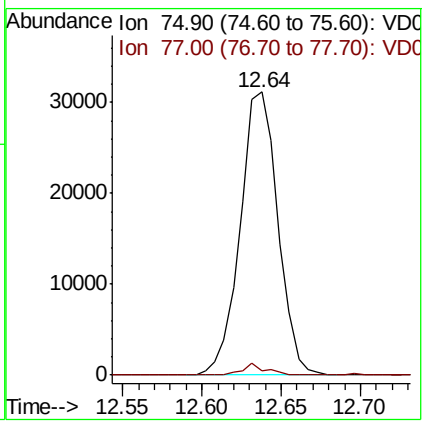


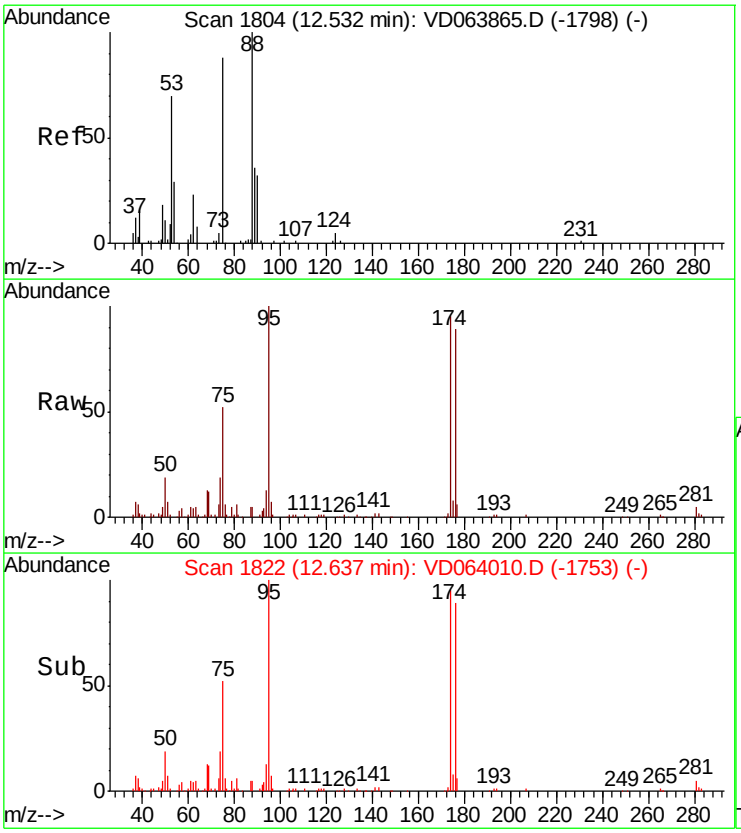
#76
1,2,3-Trichloropropane
Concen: 69.254 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064010.D
Acq: 18 Oct 2019 14:54

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 51606

Ion	Ratio	Lower	Upper
75	100		
77	2.4	0.0	0.0#

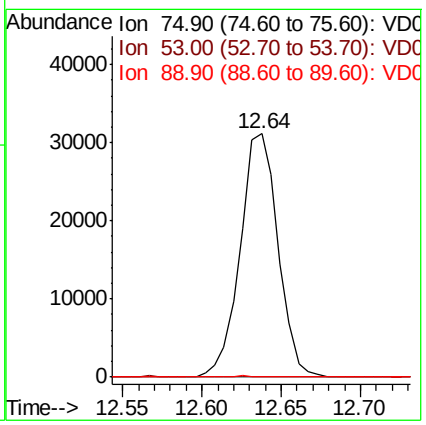


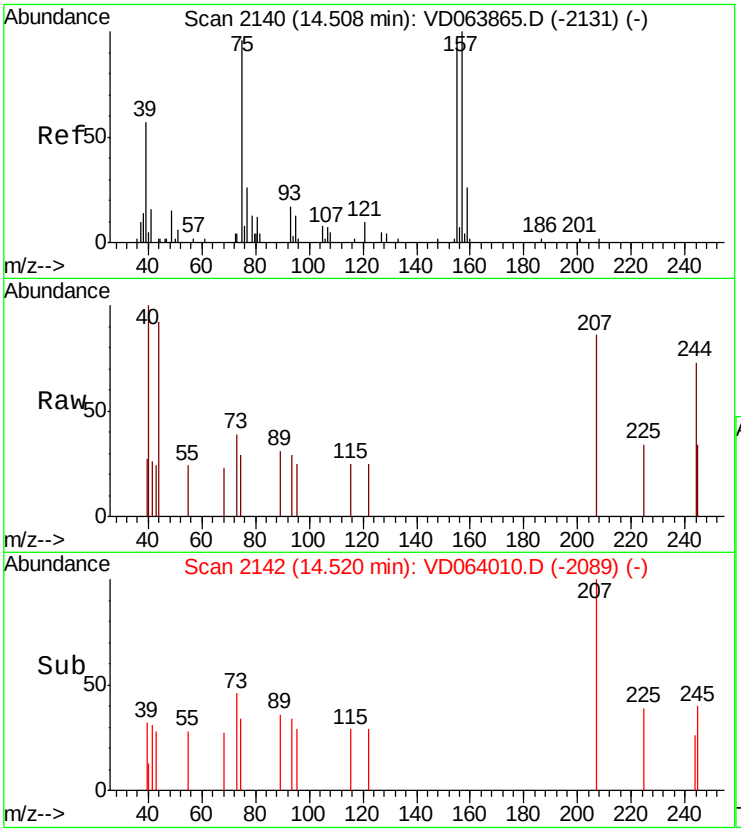


#81
trans-1,4-Dichloro-2-butene
Concen: 122.552 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD064010.D
Acq: 18 Oct 2019 14:54

Tgt Ion: 75 Resp: 51606

Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.0	112.6#
89	0.1	38.2	57.4#





#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.52 min Scan# 2142
Delta R.T. 0.01 min
Lab File: VD064010.D
Acq: 18 Oct 2019 14:54

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 69

Ion	Ratio	Lower	Upper
75	100		
155	0.0	43.9	131.6#
157	0.0	56.0	167.9#