Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD101119\
Data File : VD063928.D
Acq On : 11 Oct 2019 10:53
Operator : VA/SY
Sample : VD1011SBL01
Misc : 5.00G/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Oct 12 01:34:14 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	170910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	311484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	306631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	148276	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	97652	58.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.38%			
35) Dibromofluoromethane	7.92	113	98220	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.20%			
50) Toluene-d8	10.34	98	404873	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.80%			
62) 4-Bromofluorobenzene	12.64	95	123310	45.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.86%			
Target Compounds						Qvalue
3) Chloromethane	2.20	50	2178	Below Cal		97
11) Tert butyl alcohol	5.24	59	253	Below Cal	#	71
16) Acetone	4.18	43	1125	2.597	ug/l #	59
20) Methylene Chloride	4.96	84	5642	Below Cal	#	61
25) 2-Butanone	7.23	43	1895	3.691	ug/l #	76
26) 2,2-Dichloropropane	7.21	77	2758	1.018	ug/l #	57
28) Bromochloromethane	7.53	49	158	1.998	ug/l #	10
31) Cyclohexane	7.98	56	5302	Below Cal	#	39
37) Ethyl Acetate	7.29	43	72	Below Cal	#	68
38) Carbon Tetrachloride	7.98	117	17524	6.089	ug/l #	19
49) 1,4-Dioxane	9.43	88	55	3.542	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	67224	67.690	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	67224	119.785	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.50	75	285	Below Cal	#	1

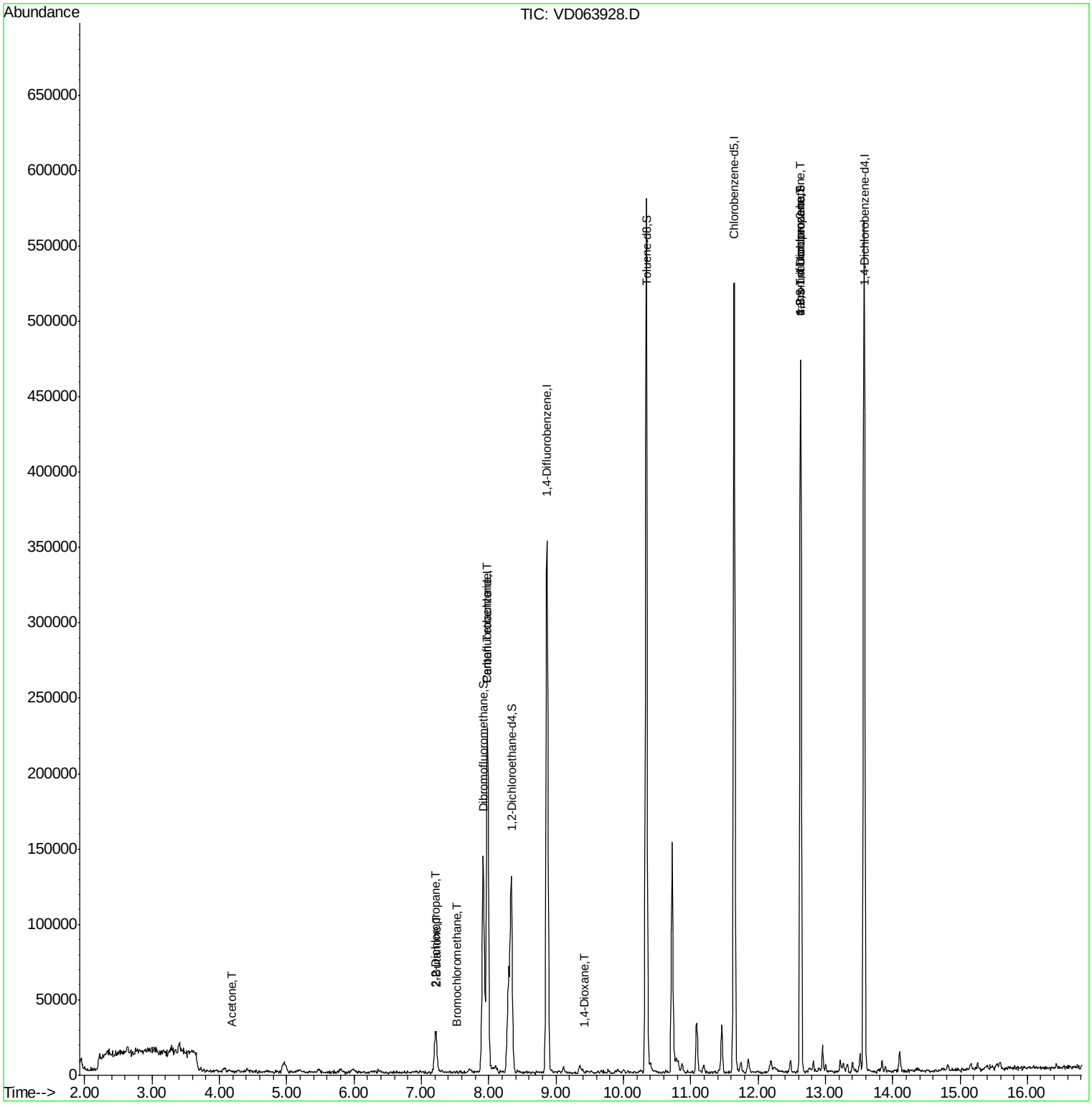
(#) = qualifier out of range (m) = manual integration (+) = signals summed

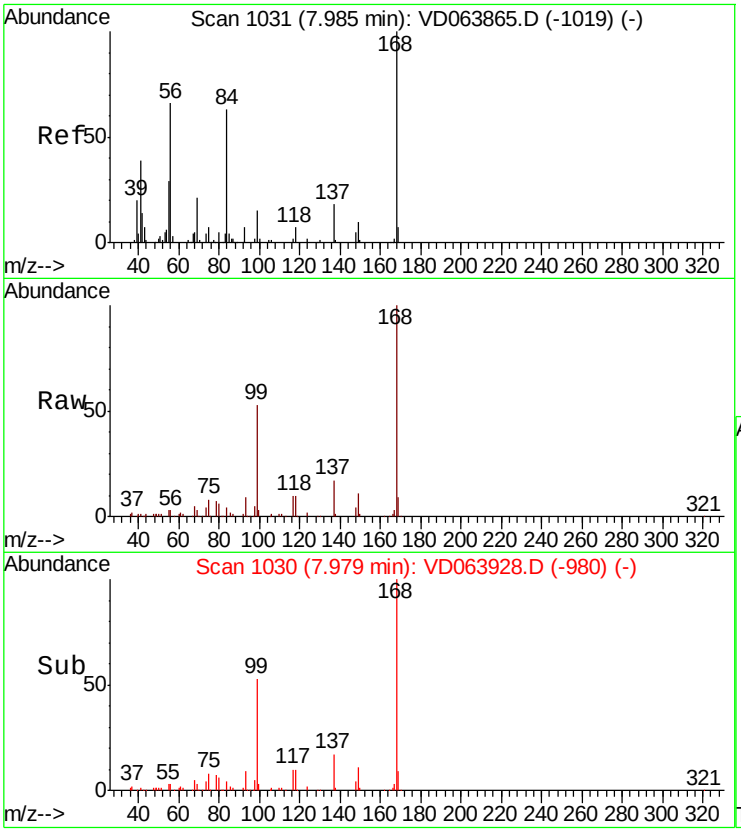
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD101119\
Data File : VD063928.D
Acq On : 11 Oct 2019 10:53
Operator : VA/SY
Sample : VD1011SBL01
Misc : 5.00G/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 12 01:34:14 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



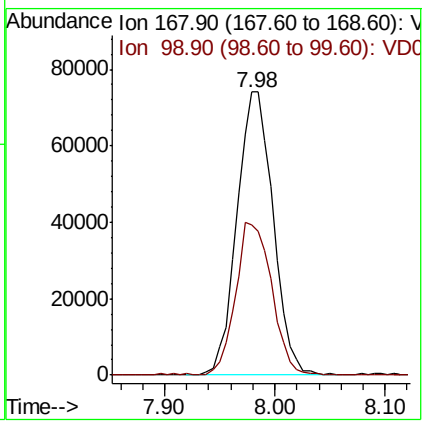


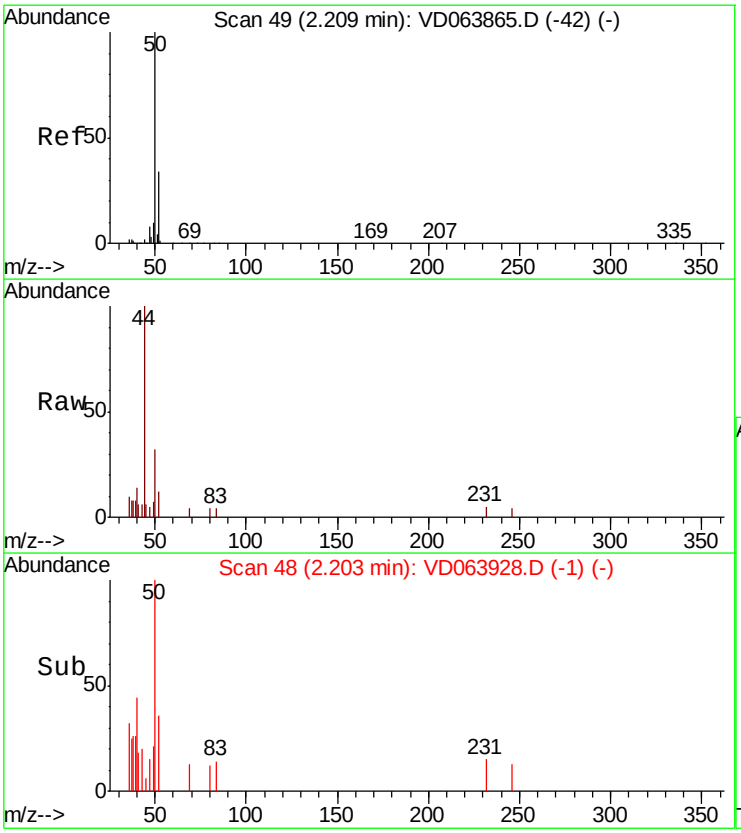
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD063928.D
Acq: 11 Oct 2019 10:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 170910

Ion	Ratio	Lower	Upper
168	100		
99	52.8	43.0	64.4

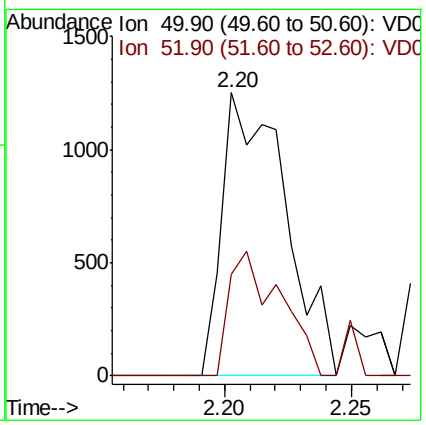


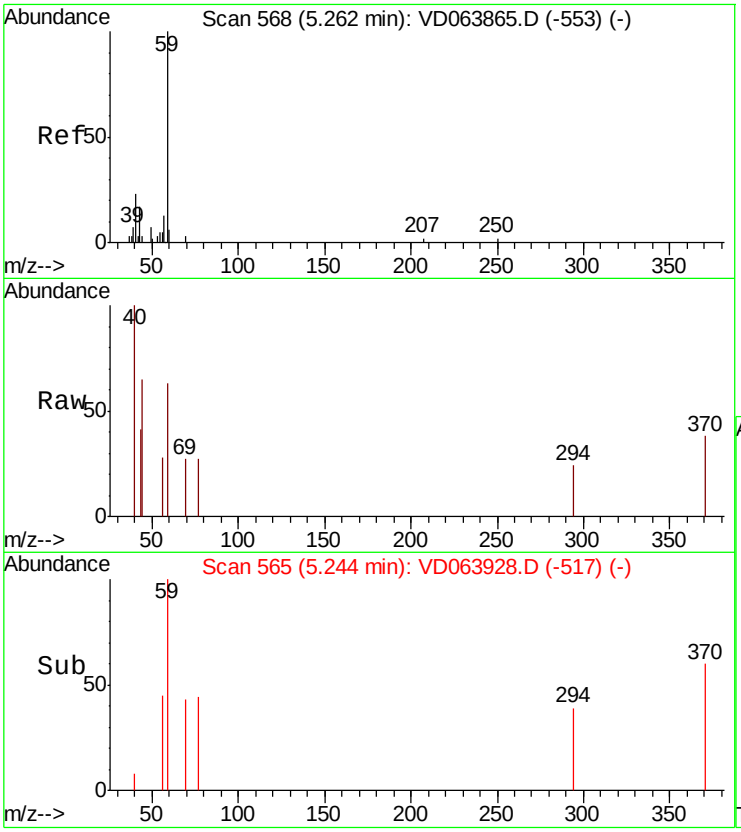


#3
Chloromethane
Concen: Below Cal
RT: 2.20 min Scan# 48
Delta R.T. -0.01 min
Lab File: VD063928.D
Acq: 11 Oct 2019 10:53

Tgt Ion: 50 Resp: 2178

Ion	Ratio	Lower	Upper
50	100		
52	35.9	27.5	41.3



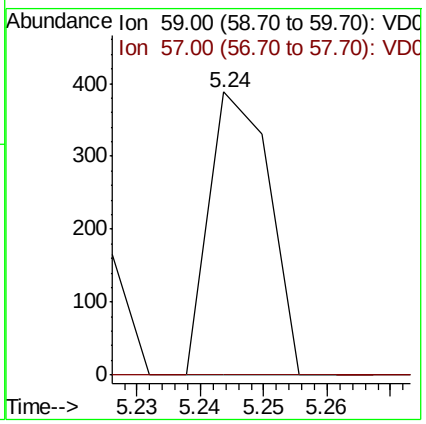


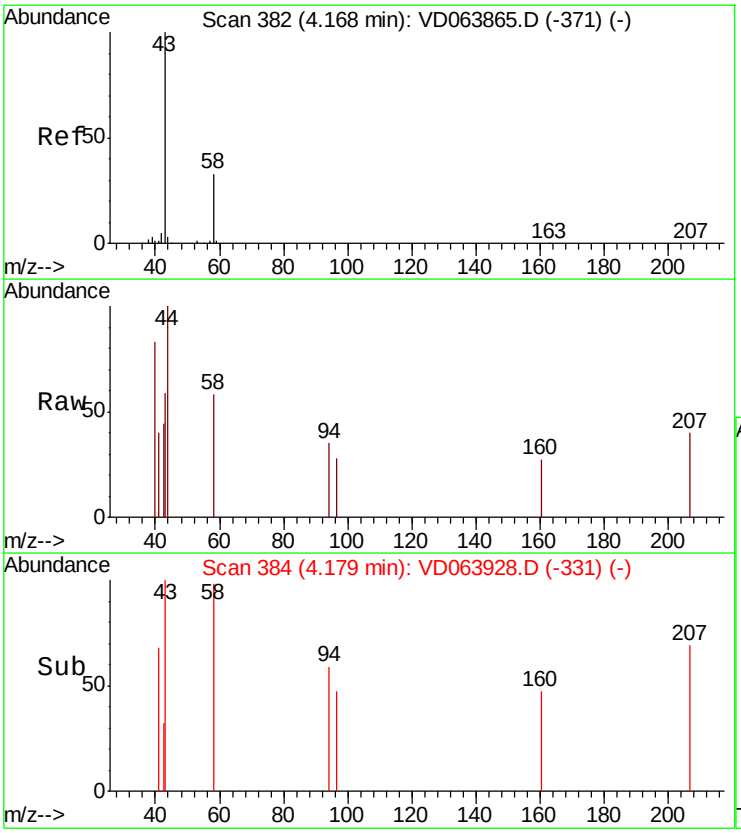
#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.24 min Scan# 565
Delta R.T. -0.02 min
Lab File: VD063928.D
Acq: 11 Oct 2019 10:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 253

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.8	13.2#

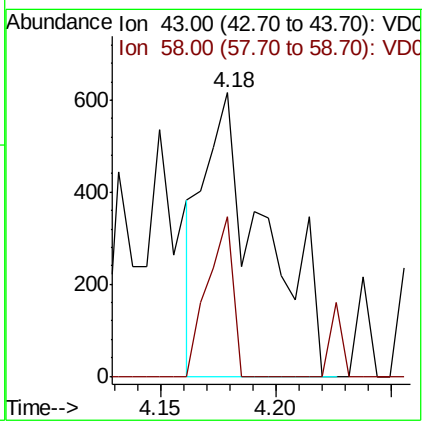


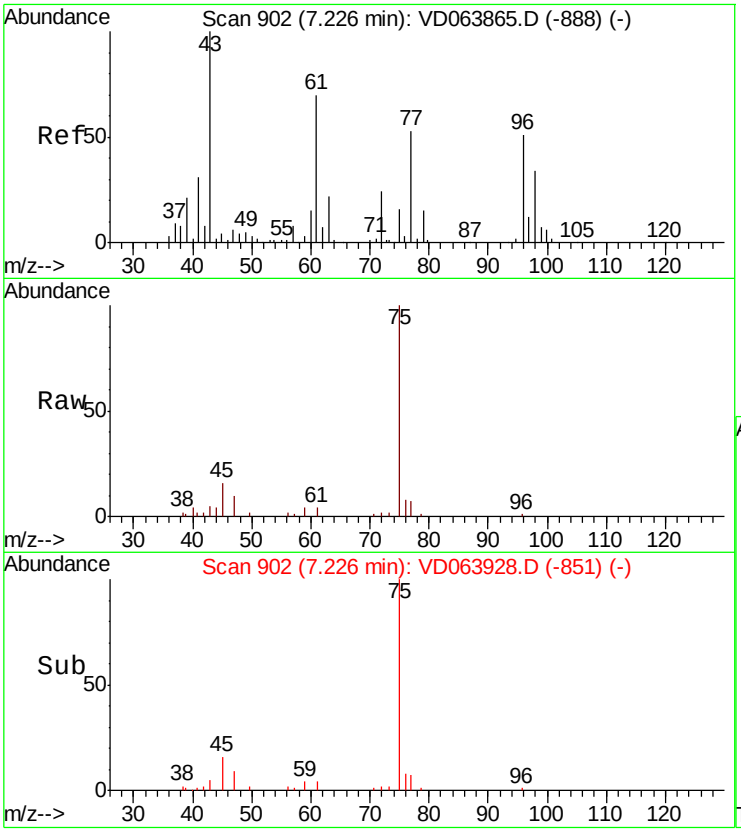


#16
Acetone
Concen: 2.597 ug/l
RT: 4.18 min Scan# 384
Delta R.T. 0.01 min
Lab File: VD063928.D
Acq: 11 Oct 2019 10:53

Tgt Ion: 43 Resp: 1125

Ion	Ratio	Lower	Upper
43	100		
58	56.2	26.2	39.4#



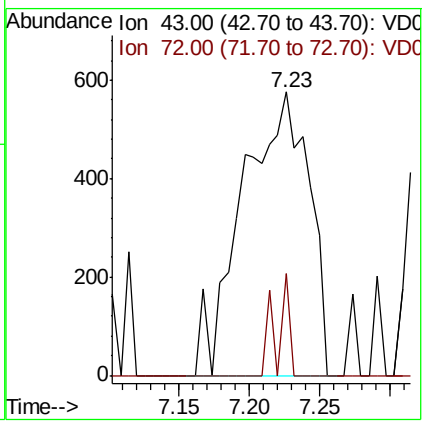


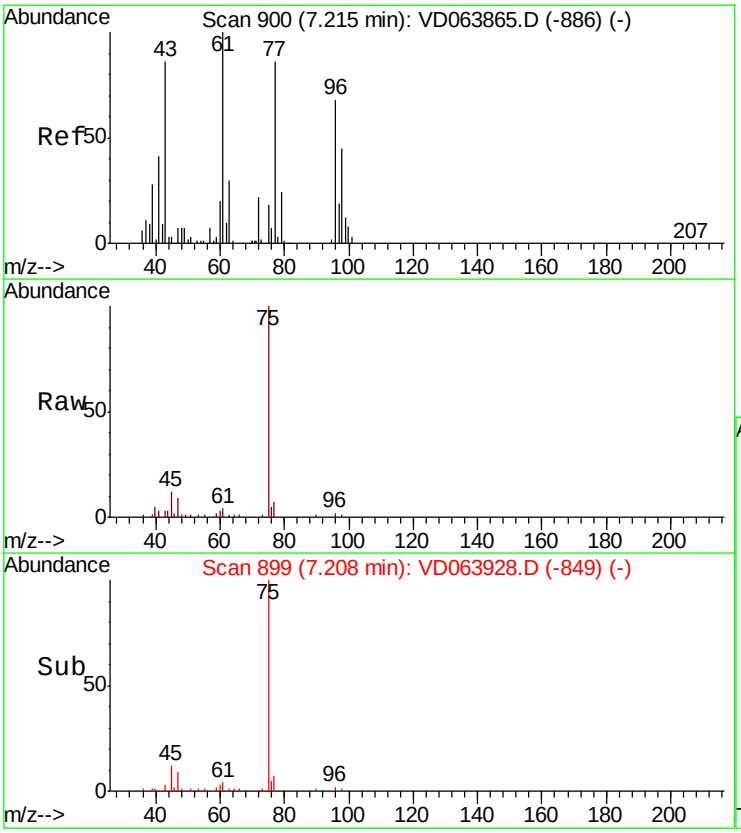
#25
2-Butanone
Concen: 3.691 ug/l
RT: 7.23 min Scan# 902
Delta R.T. -0.00 min
Lab File: VD063928.D
Acq: 11 Oct 2019 10:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 1895

Ion	Ratio	Lower	Upper
43	100		
72	35.9	19.2	28.8#

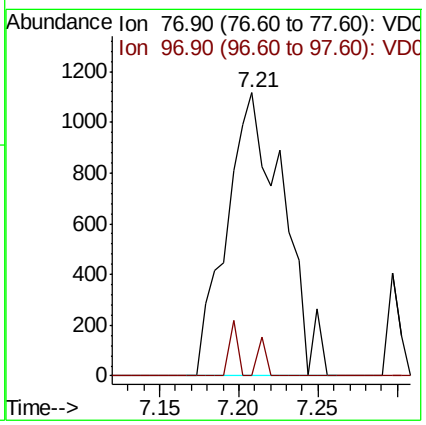


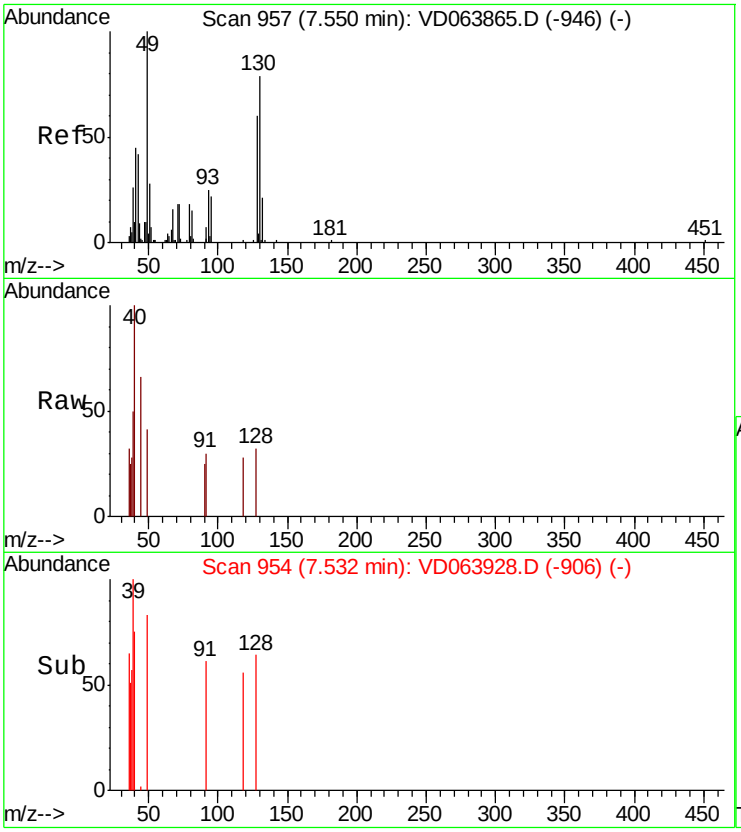


#26
2,2-Dichloropropane
Concen: 1.018 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD063928.D
Acq: 11 Oct 2019 10:53

Tgt Ion: 77 Resp: 2758

Ion	Ratio	Lower	Upper
77	100		
97	2.0	11.4	34.1#



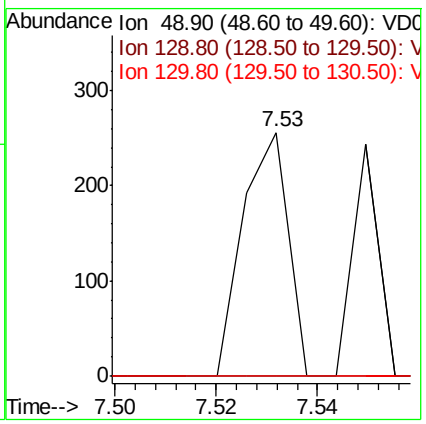


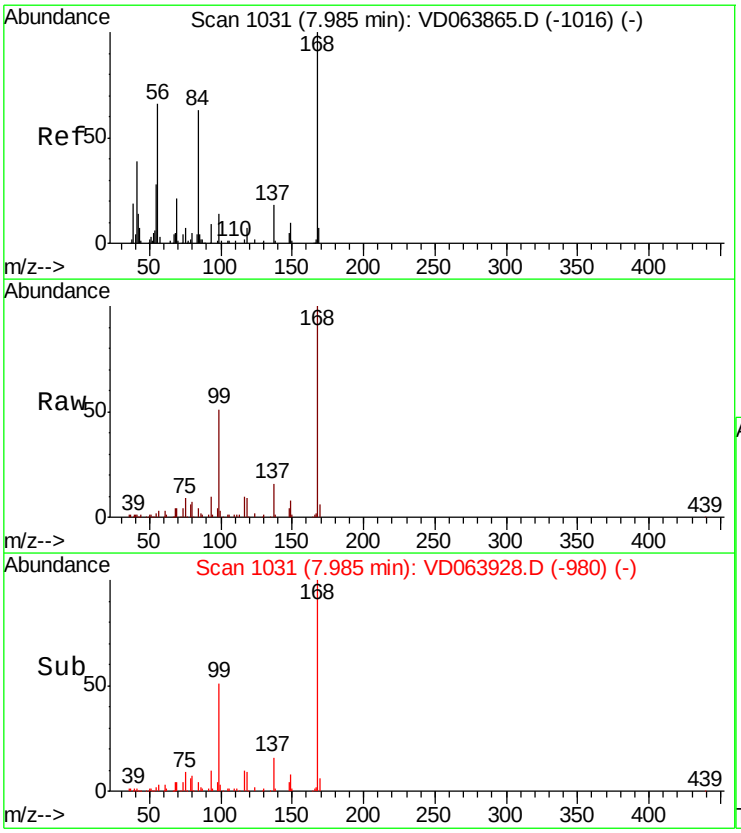
#28
Bromochloromethane
Concen: 1.998 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.02 min
Lab File: VD063928.D
Acq: 11 Oct 2019 10:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 49 Resp: 158

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

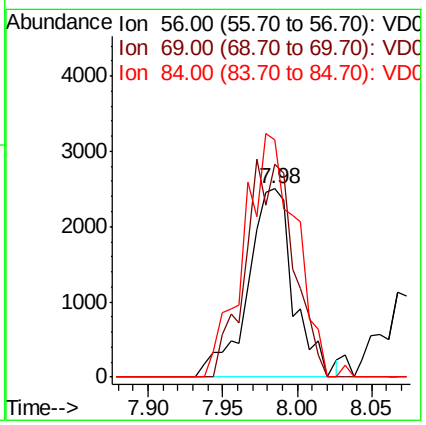


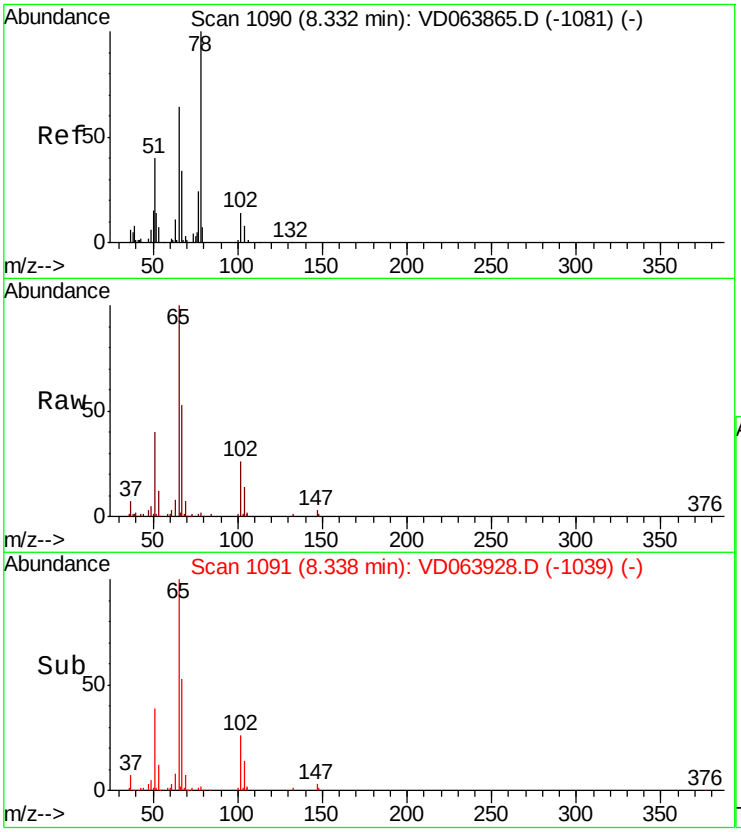


#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD063928.D
Acq: 11 Oct 2019 10:53

Tgt Ion: 56 Resp: 5302

Ion	Ratio	Lower	Upper
56	100		
69	113.4	25.0	37.4#
84	126.4	76.3	114.5#



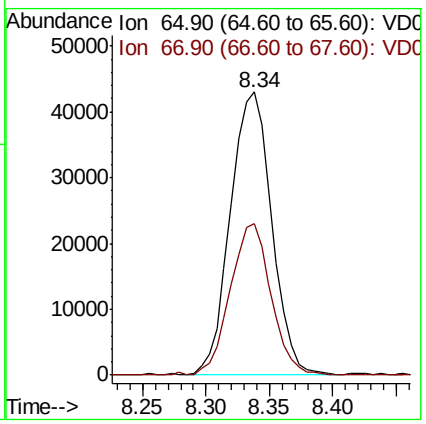


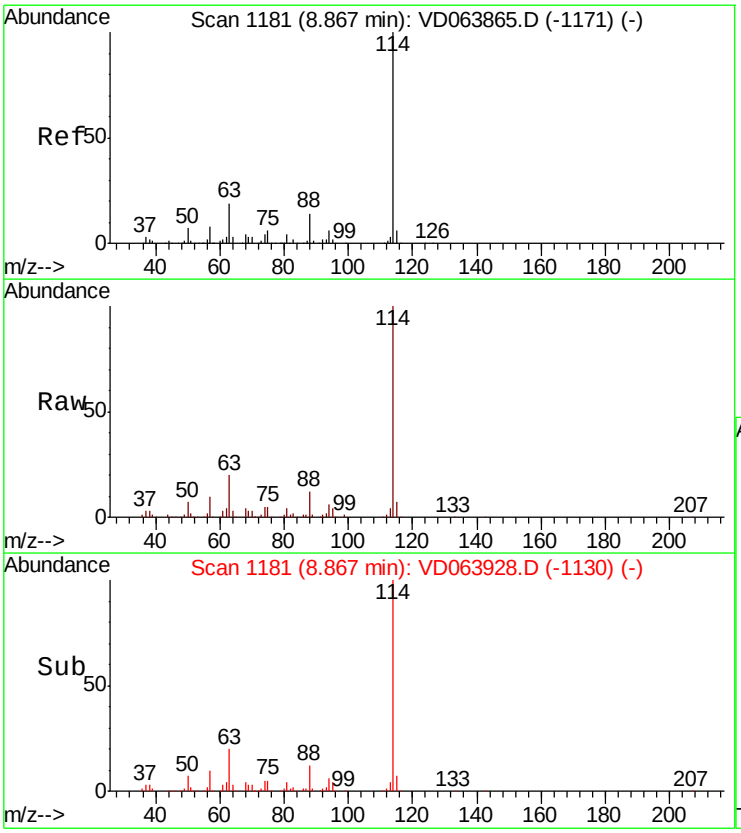
#33
1,2-Dichloroethane-d4
Concen: 58.687 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD063928.D
Acq: 11 Oct 2019 10:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 97652

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.4

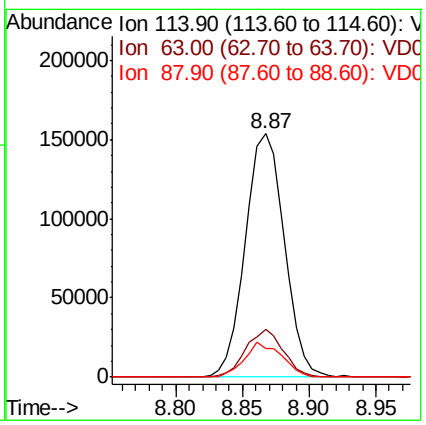


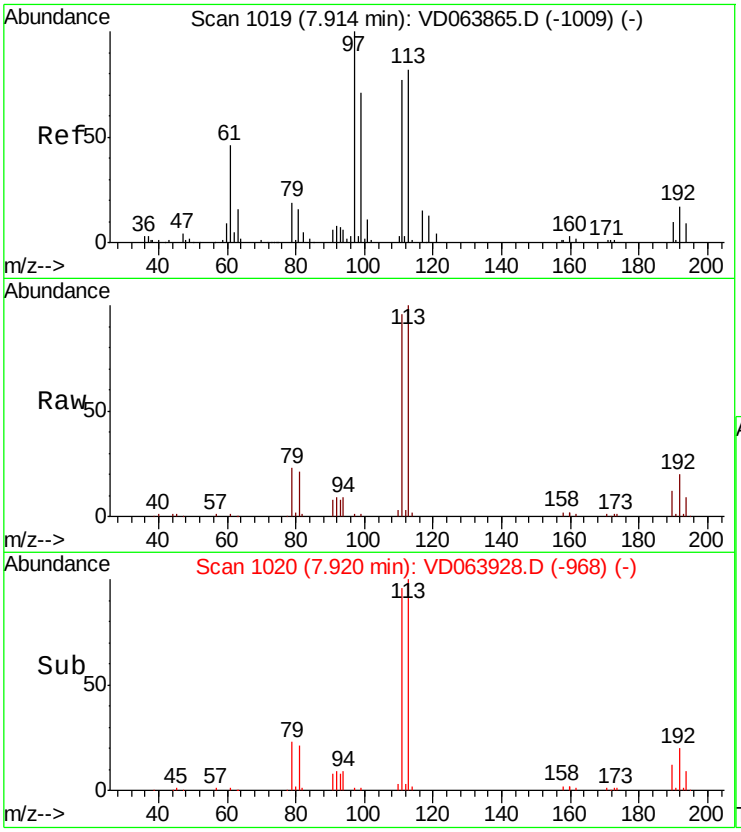


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD063928.D
Acq: 11 Oct 2019 10:53

Tgt Ion:114 Resp: 311484

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.4
88	11.8	0.0	27.4



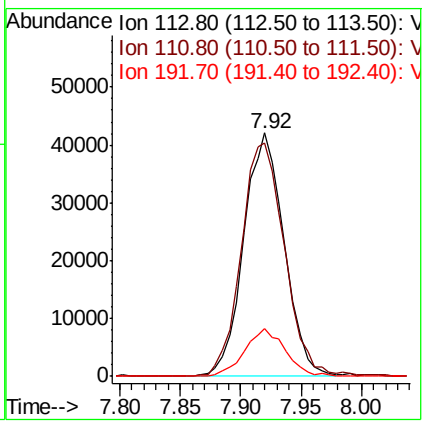


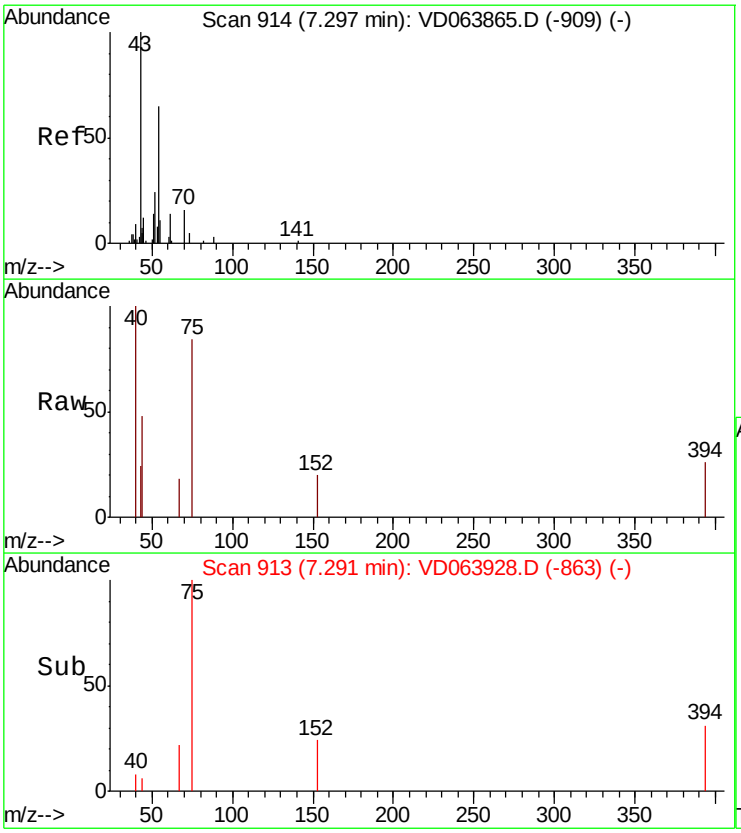
#35
Dibromofluoromethane
Concen: 51.598 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD063928.D
Acq: 11 Oct 2019 10:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 98220

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	19.7	17.1	25.7

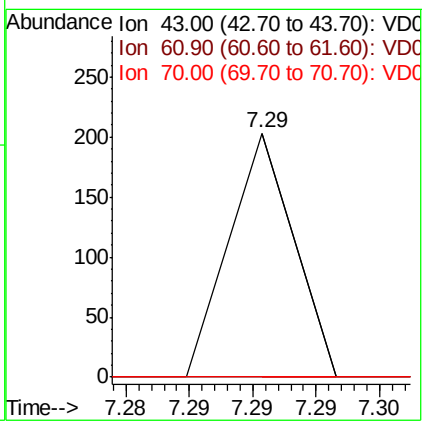


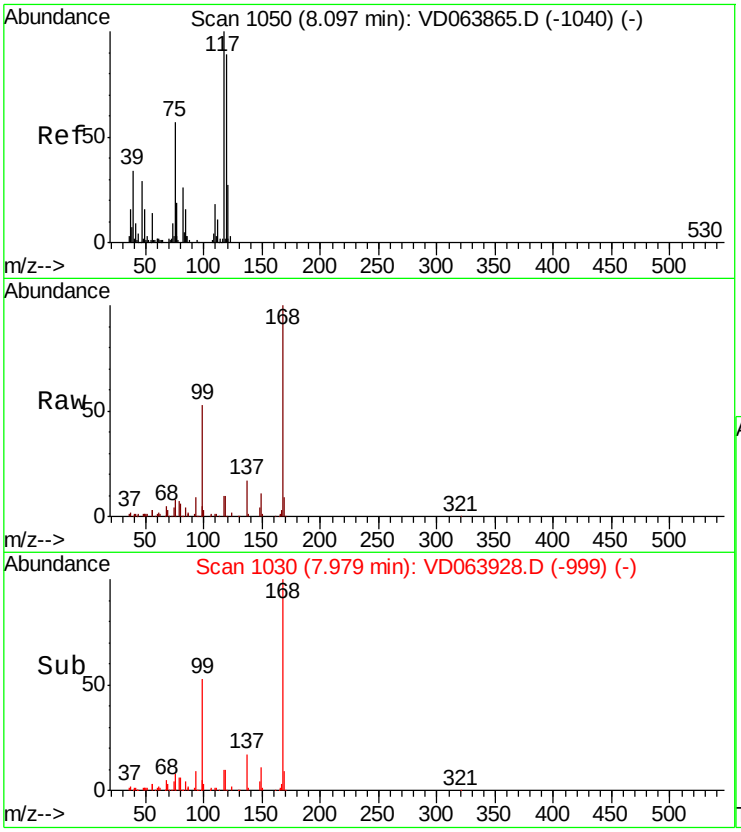


#37
Ethyl Acetate
Concen: Below Cal
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063928.D
Acq: 11 Oct 2019 10:53

Tgt Ion: 43 Resp: 72

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



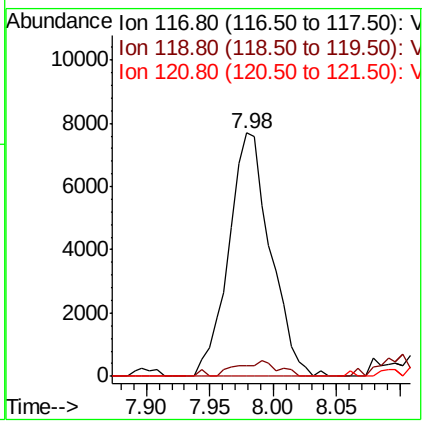


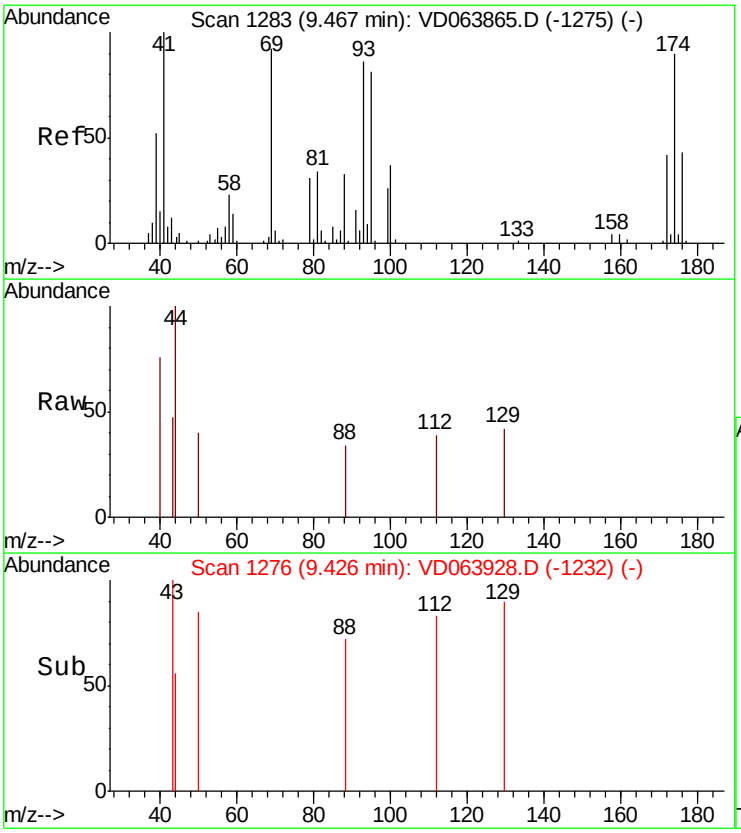
#38
Carbon Tetrachloride
Concen: 6.089 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD063928.D
Acq: 11 Oct 2019 10:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 17524

Ion	Ratio	Lower	Upper
117	100		
119	4.2	70.8	106.2#
121	0.0	21.4	32.0#

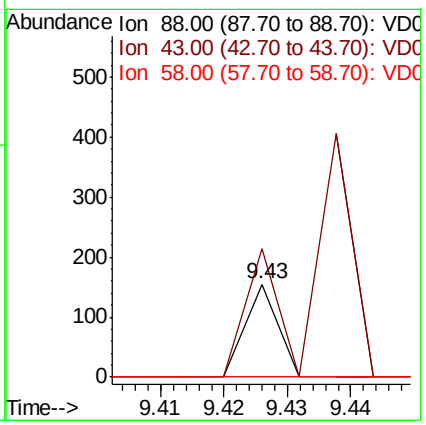


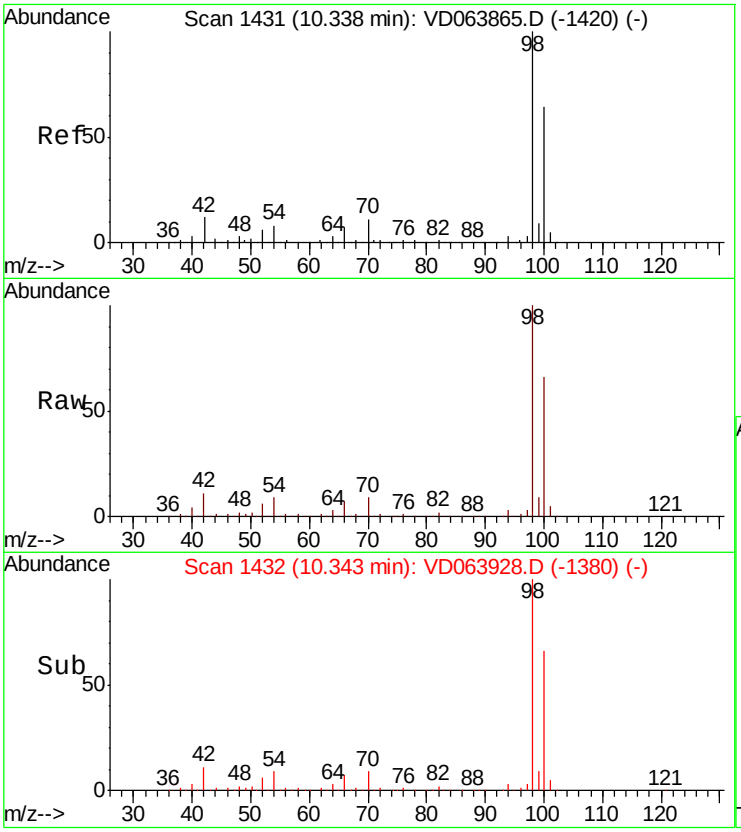


#49
1,4-Dioxane
Concen: 3.542 ug/l
RT: 9.43 min Scan# 1276
Delta R.T. -0.04 min
Lab File: VD063928.D
Acq: 11 Oct 2019 10:53

Tgt Ion: 88 Resp: 55

Ion	Ratio	Lower	Upper
88	100		
43	398.2	27.6	41.4#
58	0.0	54.1	81.1#



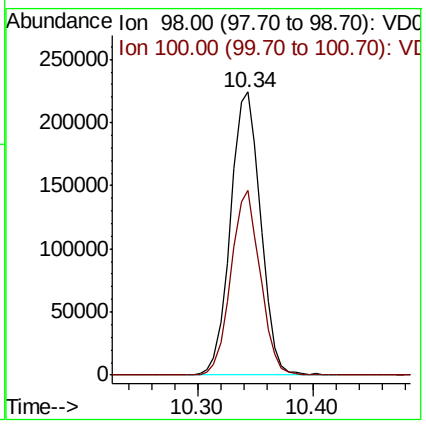


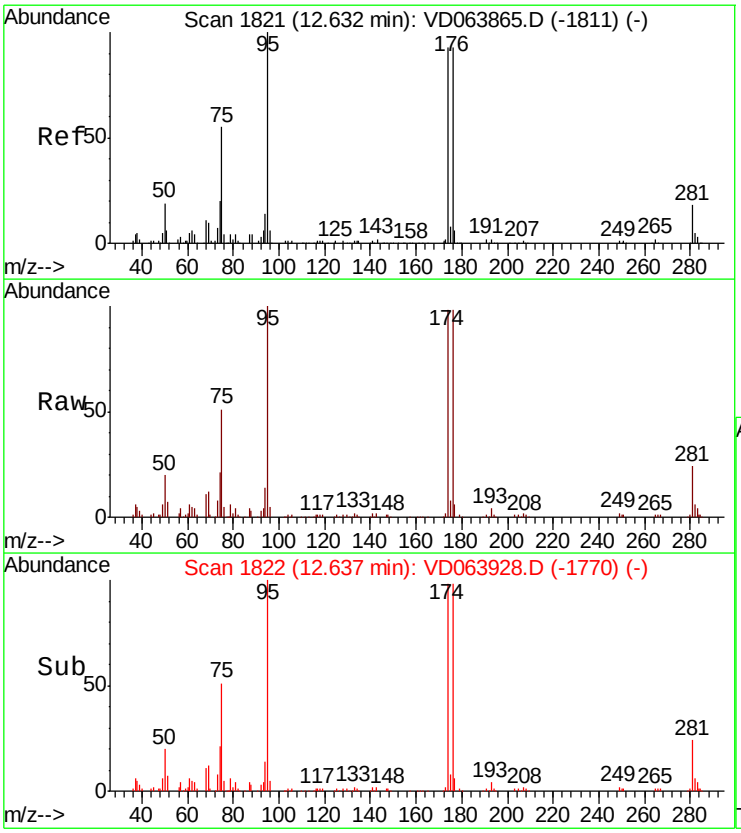
#50
Toluene-d8
Concen: 52.402 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD063928.D
Acq: 11 Oct 2019 10:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 404873

Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.1	78.1

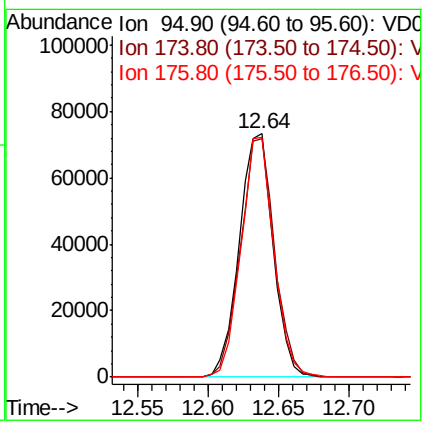


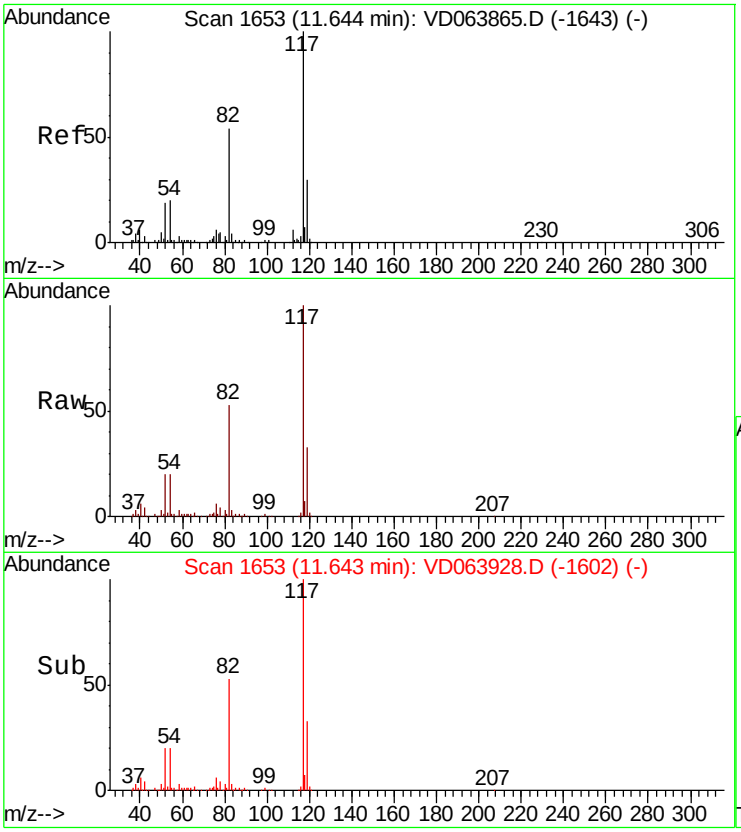


#62
4-Bromofluorobenzene
Concen: 45.927 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD063928.D
Acq: 11 Oct 2019 10:53

Tgt Ion: 95 Resp: 123310

Ion	Ratio	Lower	Upper
95	100		
174	98.7	0.0	186.4
176	95.5	0.0	184.2



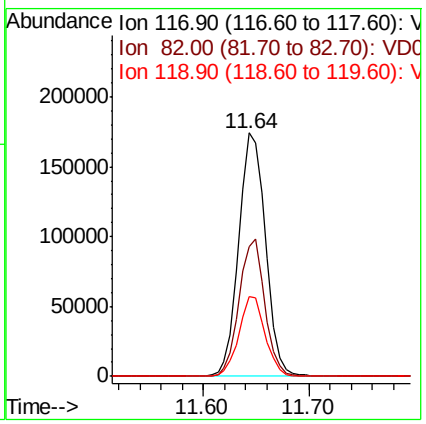


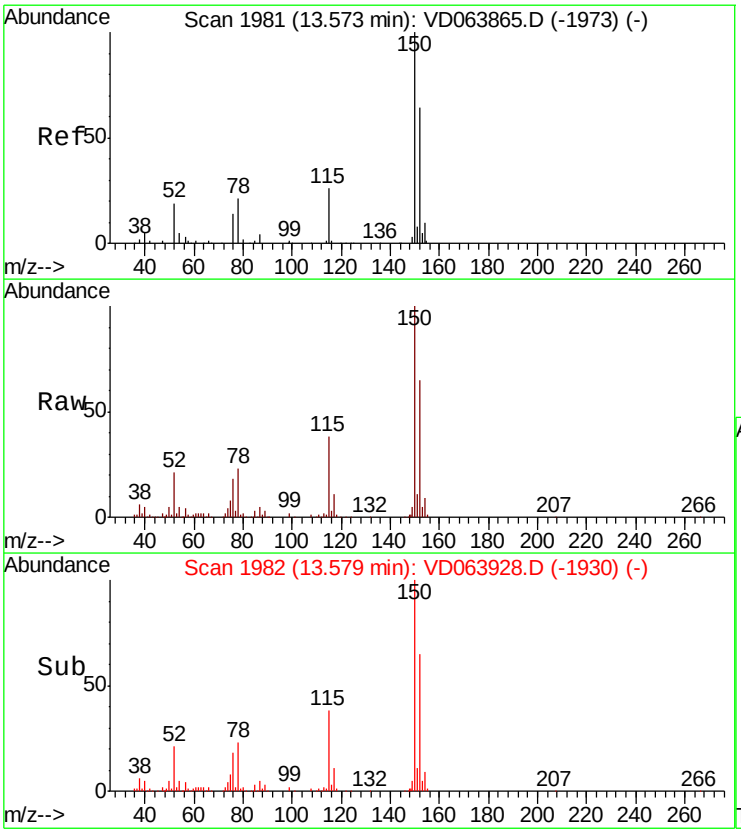
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD063928.D
Acq: 11 Oct 2019 10:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 306631

Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.8	64.2
119	32.6	24.4	36.6

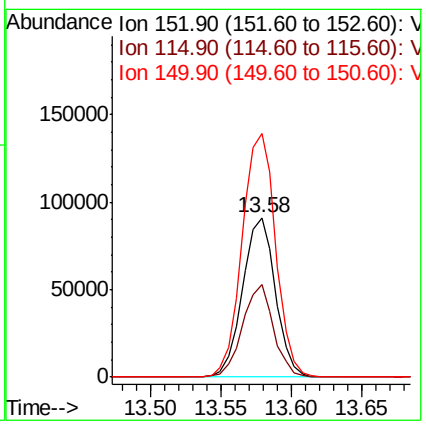


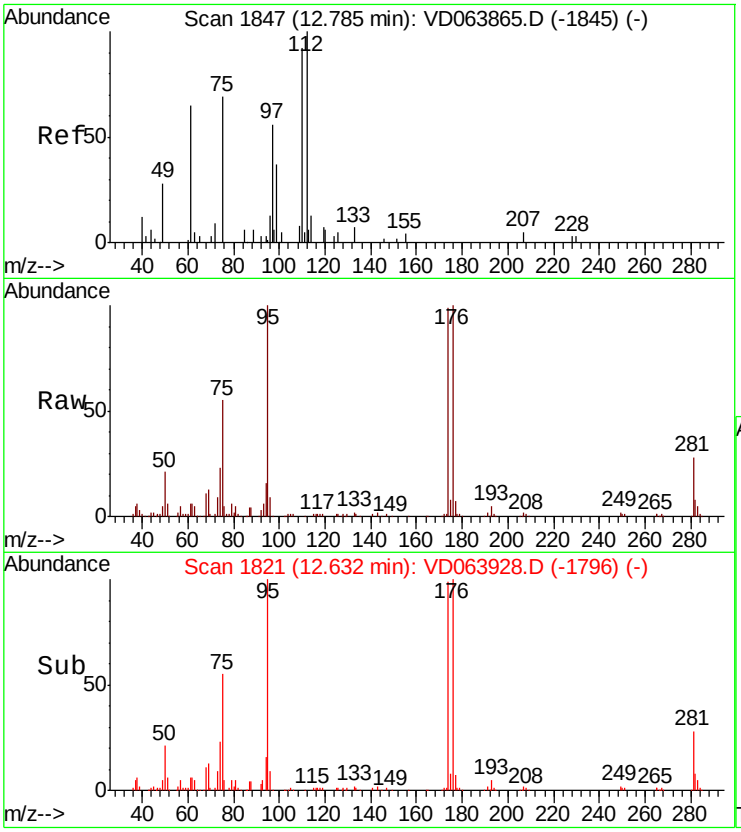


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD063928.D
Acq: 11 Oct 2019 10:53

Tgt Ion:152 Resp: 148276

Ion	Ratio	Lower	Upper
152	100		
115	54.6	25.9	77.7
150	156.2	0.0	344.2



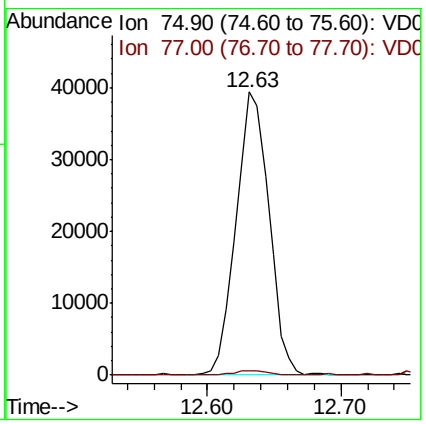


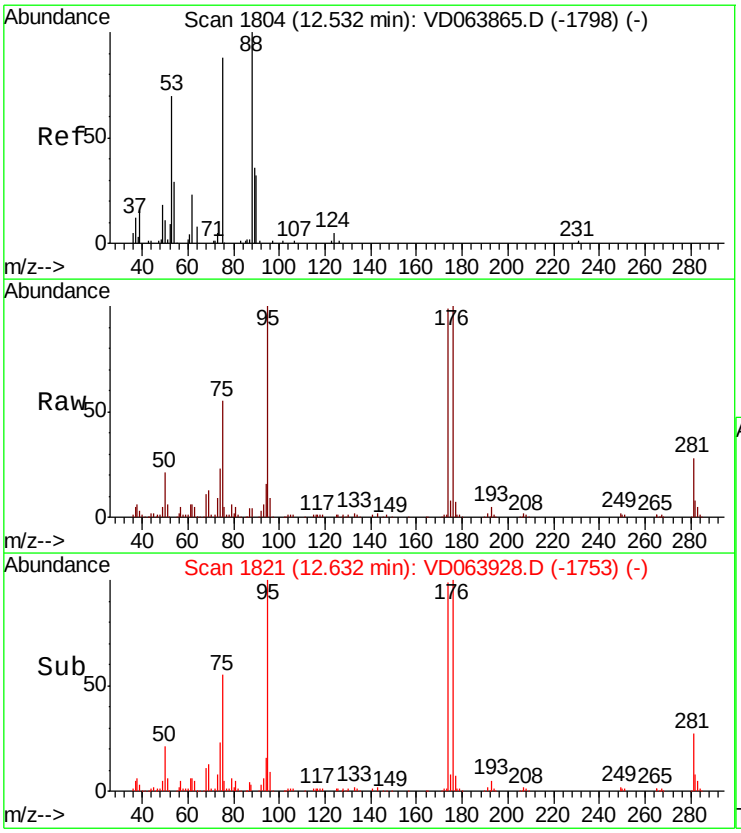
#76
1,2,3-Trichloropropane
Concen: 67.690 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD063928.D
Acq: 11 Oct 2019 10:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 67224

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#

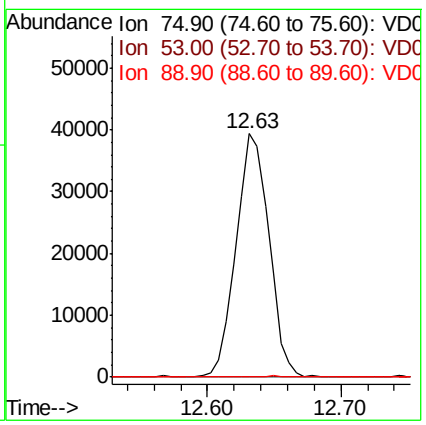


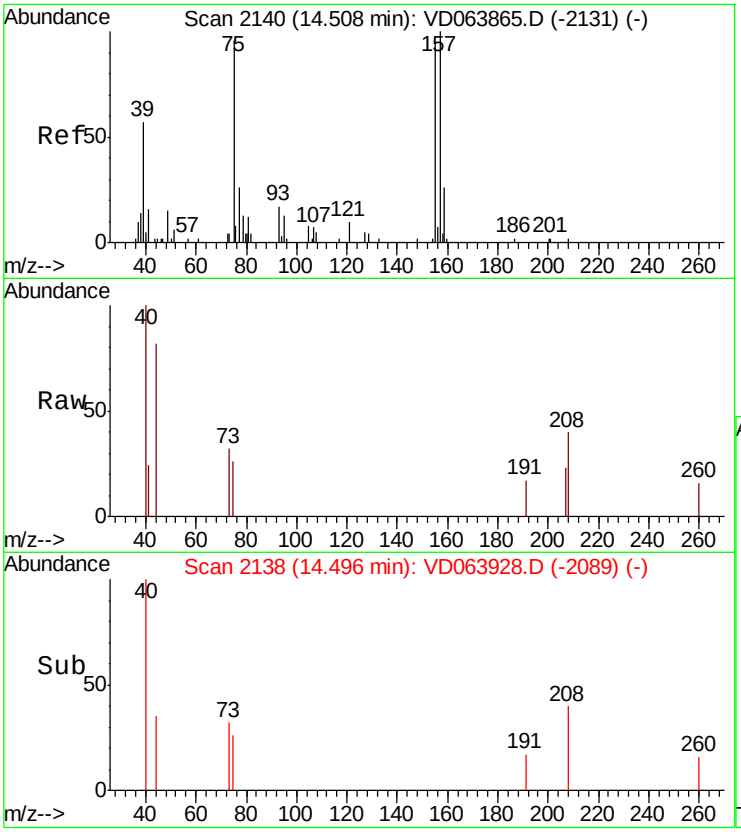


#81
trans-1,4-Dichloro-2-butene
Concen: 119.785 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD063928.D
Acq: 11 Oct 2019 10:53

Tgt Ion: 75 Resp: 67224

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





#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.50 min Scan# 2138
Delta R.T. -0.01 min
Lab File: VD063928.D
Acq: 11 Oct 2019 10:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 285

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