Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD101019\
Data File : VD063913.D
Acq On : 10 Oct 2019 16:38
Operator : VA/SY
Sample : K5285-13
Misc : 4.90G/5ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-2-D1

Quant Time: Oct 11 07:39:53 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	10798	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	19084	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.65	117	17933	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	8433	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.34	65	6768	64.38 ug/l	0.00
Spiked Amount 50.000			Recovery = 128.76%		
35) Dibromofluoromethane	7.91	113	6551	56.17 ug/l	0.00
Spiked Amount 50.000			Recovery = 112.34%		
50) Toluene-d8	10.34	98	22099	46.68 ug/l	0.00
Spiked Amount 50.000			Recovery = 93.36%		
62) 4-Bromofluorobenzene	12.63	95	8241	50.10 ug/l	0.00
Spiked Amount 50.000			Recovery = 100.20%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.24	85	154	2.011 ug/l #	47
3) Chloromethane	2.20	50	343	Below Cal #	40
5) Bromomethane	2.78	94	600	3.771 ug/l	95
8) Diethyl Ether	3.88	74	55	1.047 ug/l #	1
11) Tert butyl alcohol	5.24	59	58	Below Cal #	1
13) Acrolein	3.93	56	54	5.751 ug/l #	17
15) Acrylonitrile	5.54	53	149	6.435 ug/l #	17
16) Acetone	4.15	43	480	17.537 ug/l #	42
18) Methyl Acetate	4.74	43	132	2.466 ug/l #	49
20) Methylene Chloride	4.97	84	158	Below Cal #	7
25) 2-Butanone	7.21	43	81	2.497 ug/l #	51
28) Bromochloromethane	7.70	49	166	4.085 ug/l #	10
29) Tetrahydrofuran	7.57	42	59	3.116 ug/l #	25
31) Cyclohexane	7.98	56	204	Below Cal #	13
36) 1,1-Dichloropropene	8.02	75	201	1.152 ug/l #	64
37) Ethyl Acetate	7.28	43	70	Below Cal #	68
38) Carbon Tetrachloride	7.98	117	728	4.129 ug/l #	15
41) Methacrylonitrile	7.53	41	68	1.681 ug/l #	4
46) Dibromomethane	9.54	93	71	1.019 ug/l #	3
49) 1,4-Dioxane	9.65	88	69	72.521 ug/l #	14
51) 4-Methyl-2-Pentanone	10.35	43	130	1.713 ug/l #	1
53) t-1,3-Dichloropropene	10.52	75	219	1.251 ug/l #	1
55) 1,1,2-Trichloroethane	10.78	97	142	1.443 ug/l #	14
59) 2-Hexanone	10.99	43	119	2.168 ug/l #	24
76) 1,2,3-Trichloropropane	12.78	75	183	3.240 ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	4002	125.384 ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.48	75	66	1.944 ug/l #	1
96) 1,2,3-Trichlorobenzene	15.58	180	174	1.087 ug/l #	13

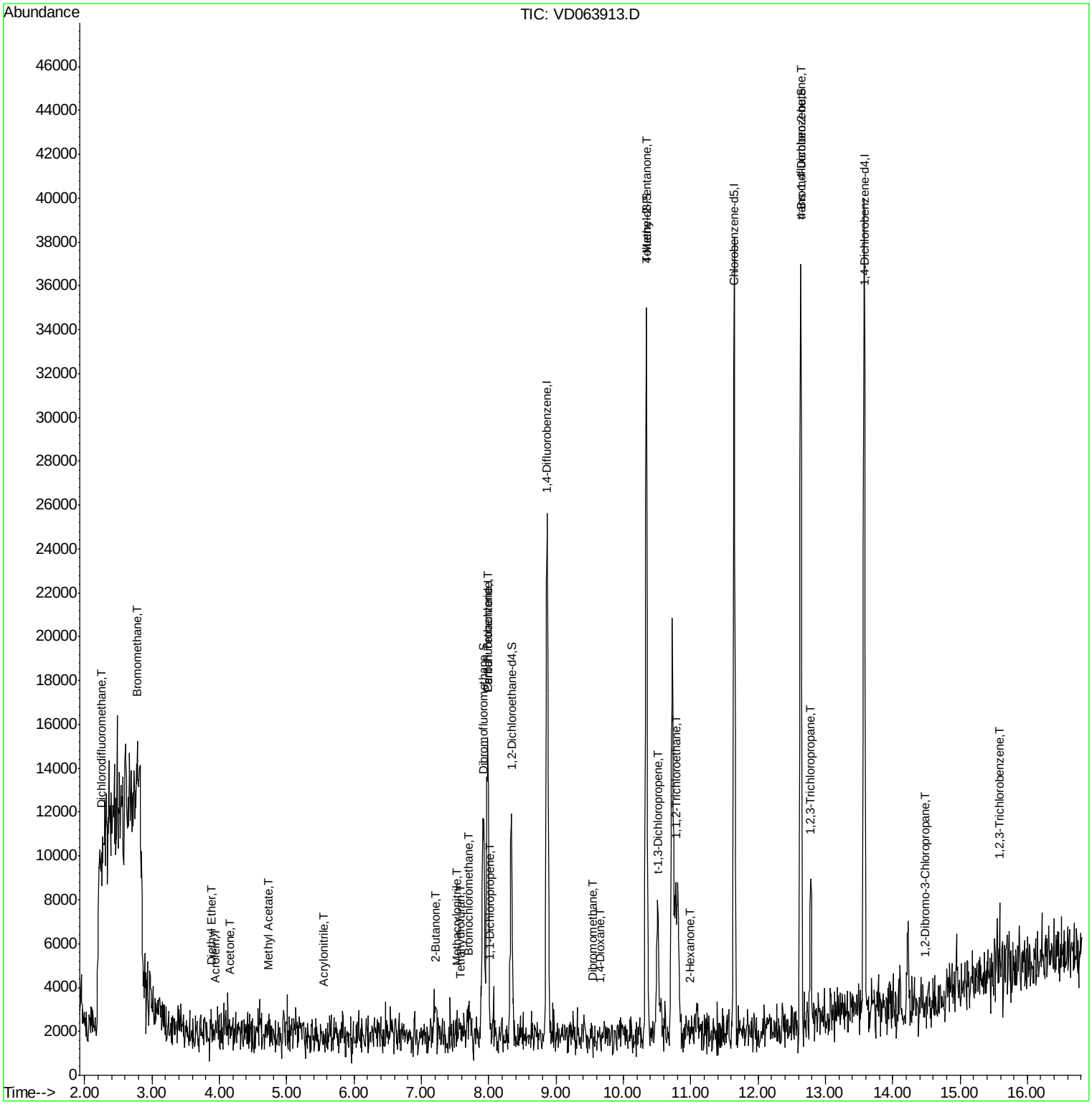
(#) = qualifier out of range (m) = manual integration (+) = signals summed

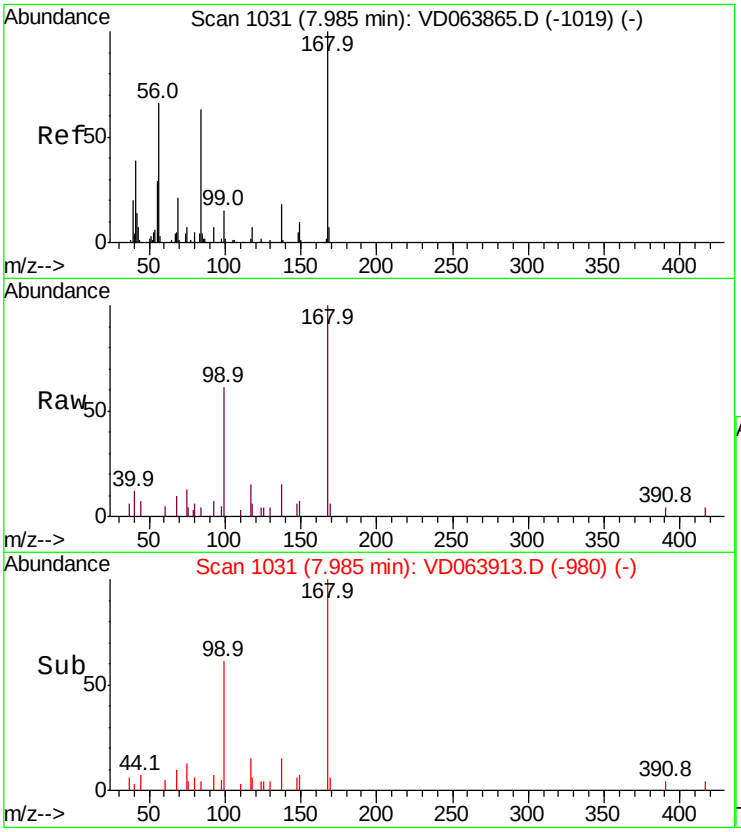
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101019\
Data File : VD063913.D
Acq On : 10 Oct 2019 16:38
Operator : VA/SY
Sample : K5285-13
Misc : 4.90G/5ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-2-D1

Quant Time: Oct 11 07:39:53 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



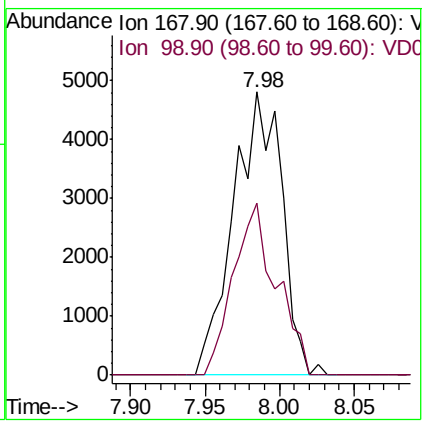


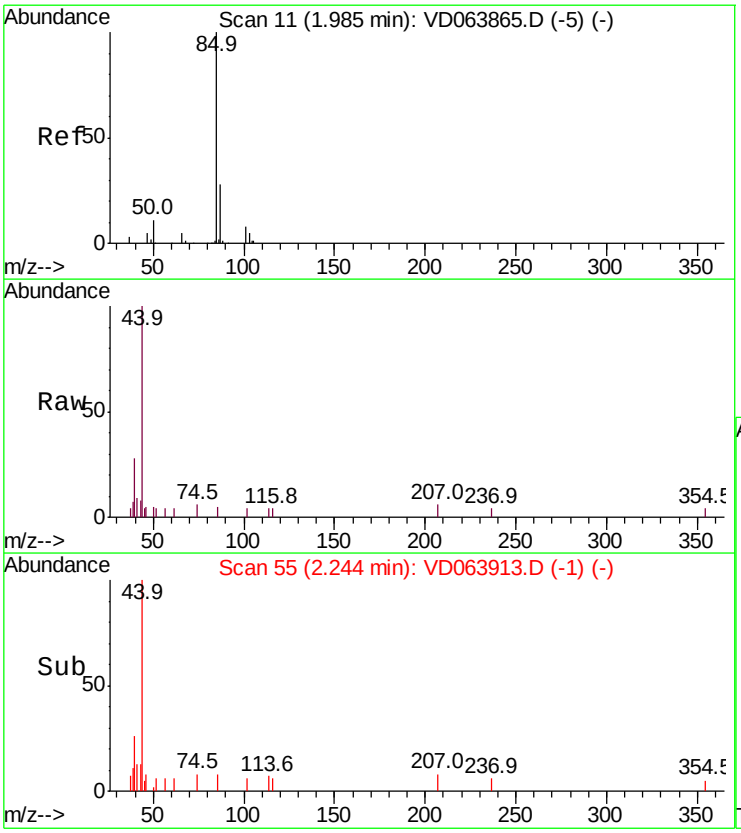
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Instrument :
MSVOA_D
ClientSampleId :
TP-2-D1

Tgt Ion:168 Resp: 10798

Ion	Ratio	Lower	Upper
168	100		
99	60.6	43.0	64.4

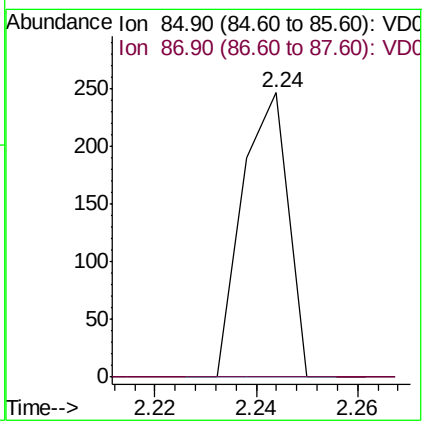


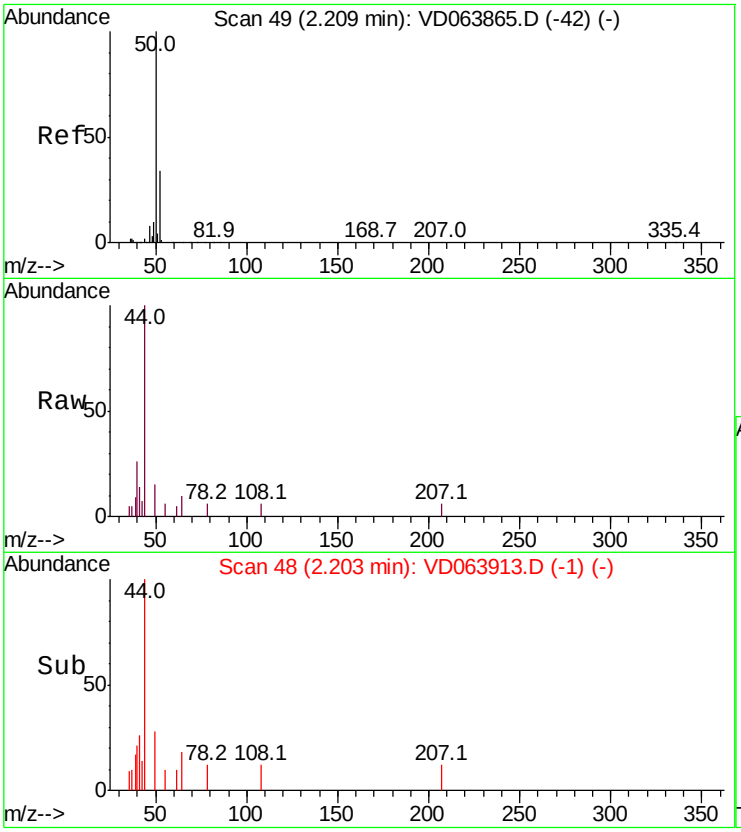


#2
Dichlorodifluoromethane
Concen: 2.011 ug/l
RT: 2.24 min Scan# 55
Delta R.T. 0.26 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Tgt Ion: 85 Resp: 154

Ion	Ratio	Lower	Upper
85	100		
87	0.0	14.0	42.0#



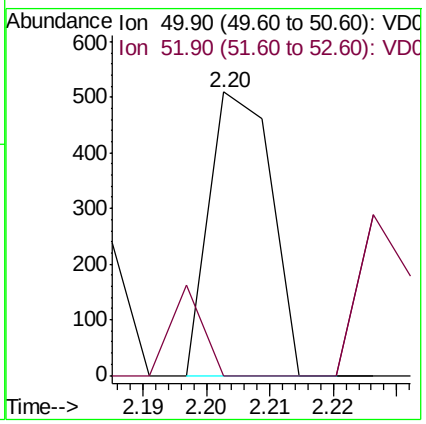


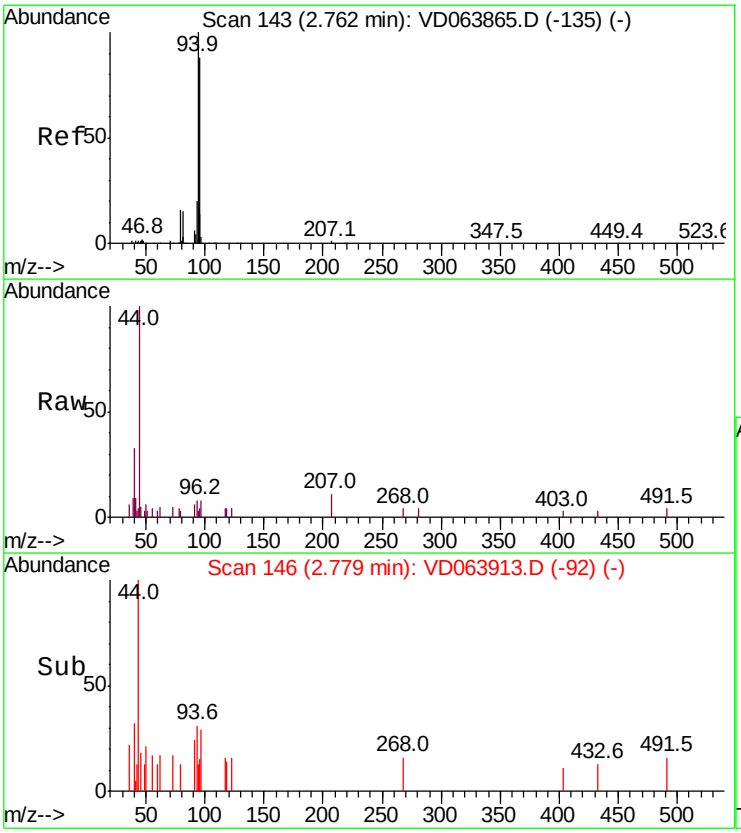
#3
Chloromethane
Concen: Below Cal
RT: 2.20 min Scan# 48
Delta R.T. -0.01 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Instrument :
MSVOA_D
ClientSampleId :
TP-2-D1

Tgt Ion: 50 Resp: 343

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.5	41.3#

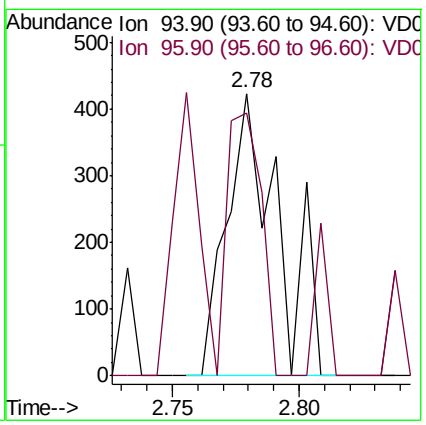


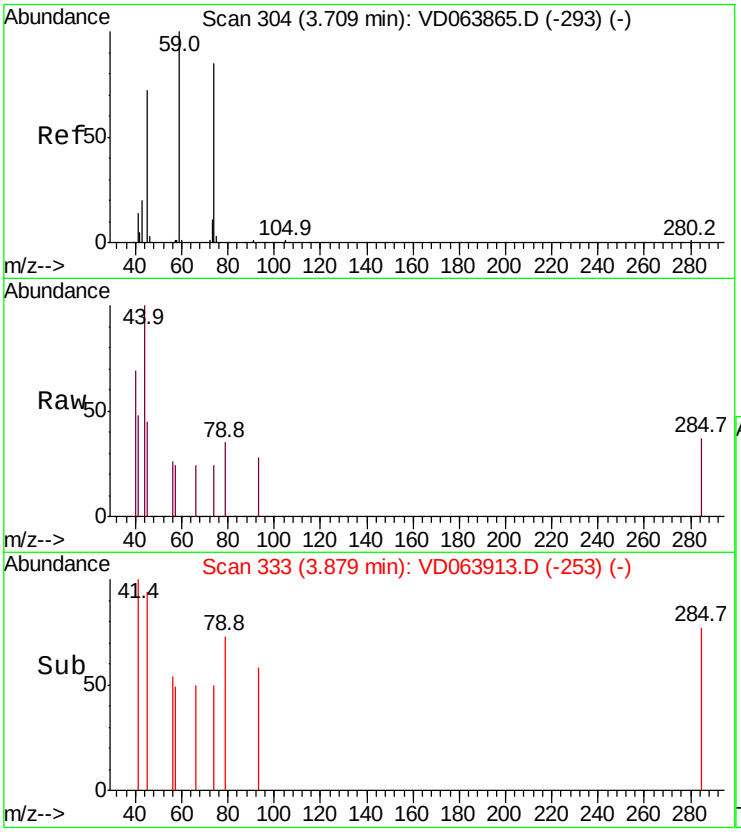


#5
Bromomethane
Concen: 3.771 ug/l
RT: 2.78 min Scan# 146
Delta R.T. 0.02 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Tgt Ion: 94 Resp: 600

Ion	Ratio	Lower	Upper
94	100		
96	92.9	70.8	106.2



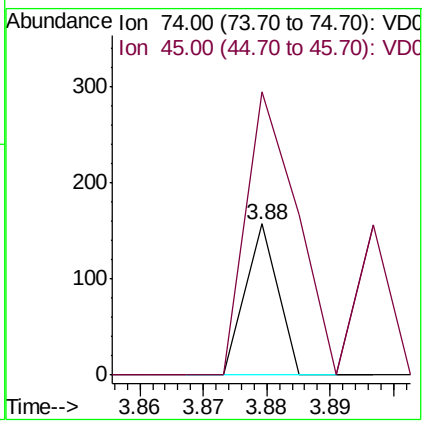


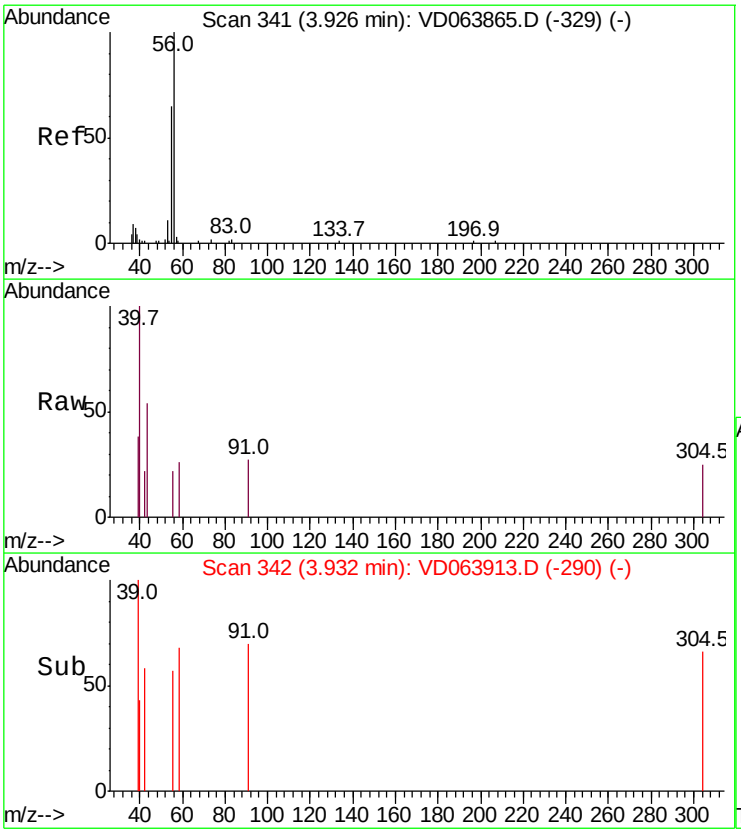
#8
Diethyl Ether
Concen: 1.047 ug/l
RT: 3.88 min Scan# 333
Delta R.T. 0.17 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Instrument : MSVOA_D
ClientSampleId : TP-2-D1

Tgt Ion: 74 Resp: 55

Ion	Ratio	Lower	Upper
74	100		
45	396.4	48.1	144.4#

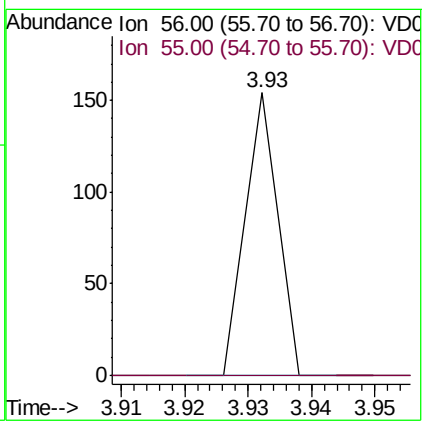


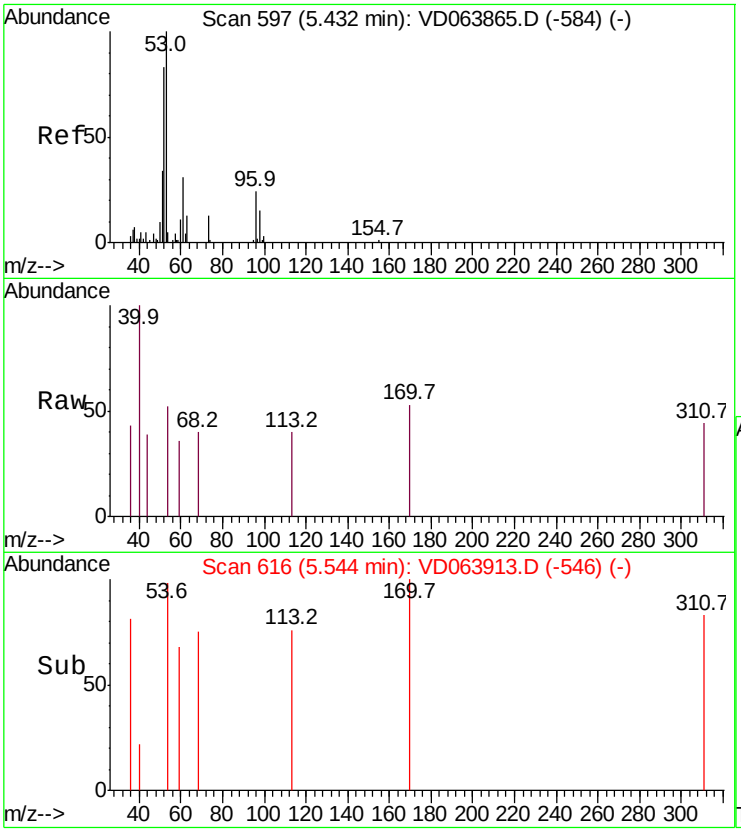


#13
Acrolein
Concen: 5.751 ug/l
RT: 3.93 min Scan# 342
Delta R.T. 0.01 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Tgt Ion: 56 Resp: 54

Ion	Ratio	Lower	Upper
56	100		
55	0.0	53.0	79.6#



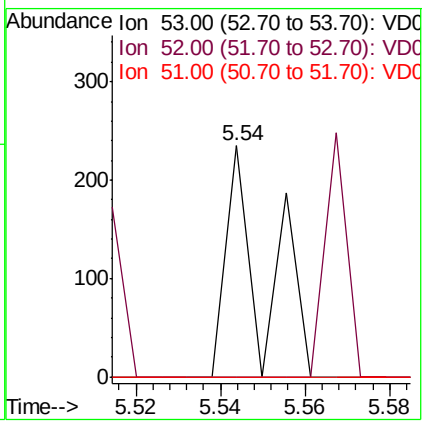


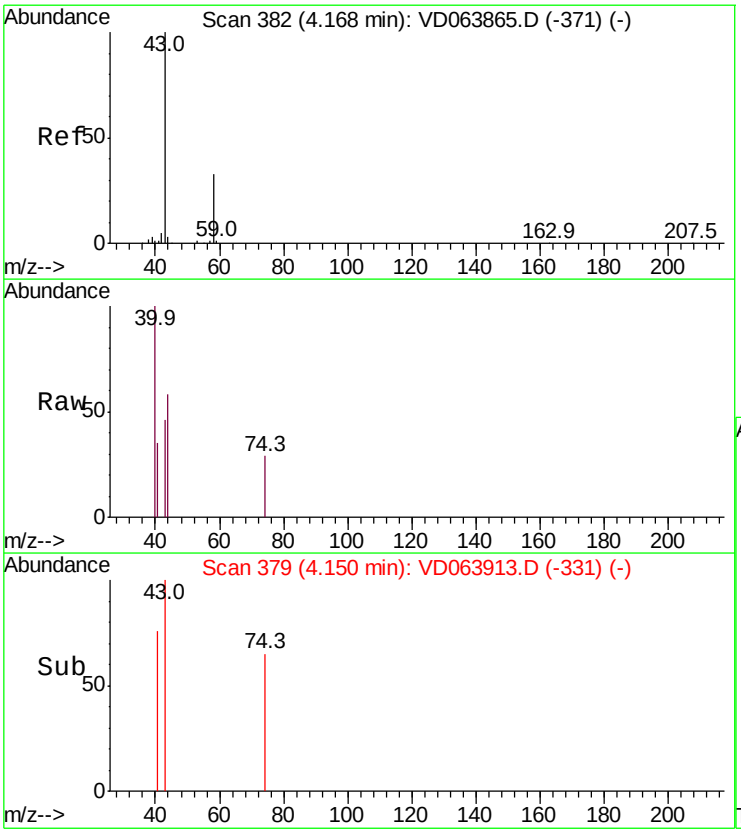
#15
Acrylonitrile
Concen: 6.435 ug/l
RT: 5.54 min Scan# 616
Delta R.T. 0.11 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Instrument :
MSVOA_D
ClientSampleId :
TP-2-D1

Tgt Ion: 53 Resp: 149

Ion	Ratio	Lower	Upper
53	100		
52	0.0	67.3	100.9#
51	0.0	30.5	45.7#

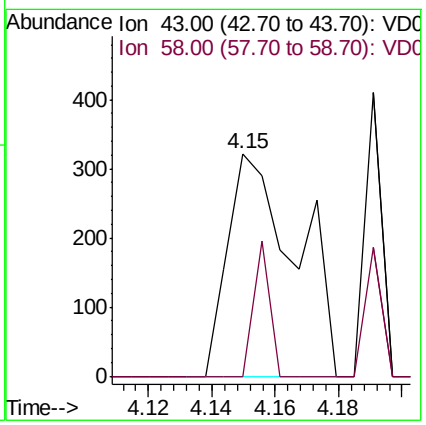


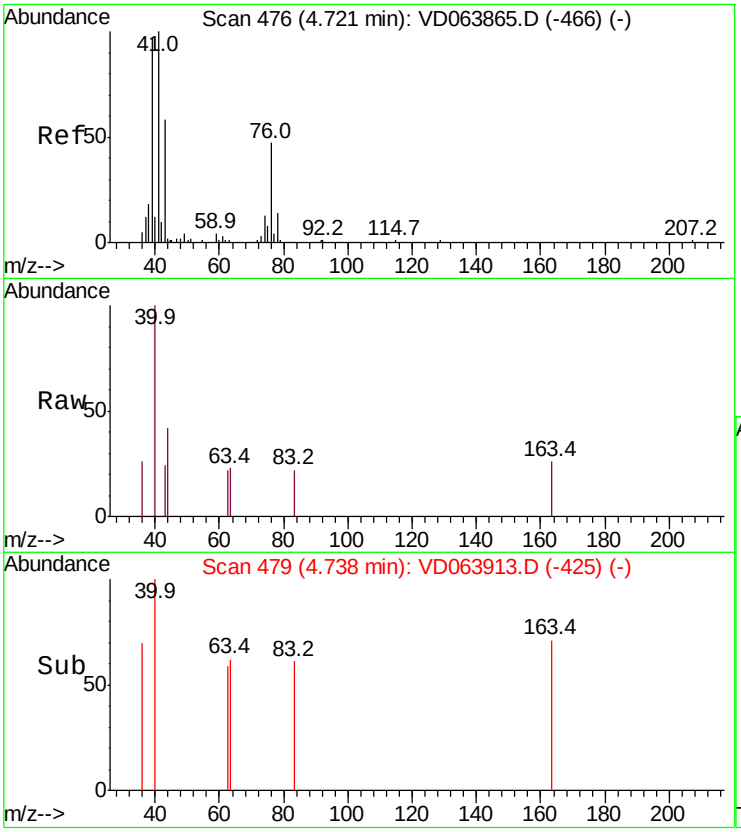


#16
Acetone
Concen: 17.537 ug/l
RT: 4.15 min Scan# 379
Delta R.T. -0.02 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Tgt Ion: 43 Resp: 480

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.2	39.4#



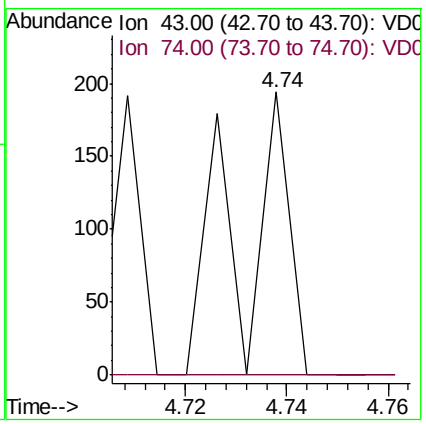


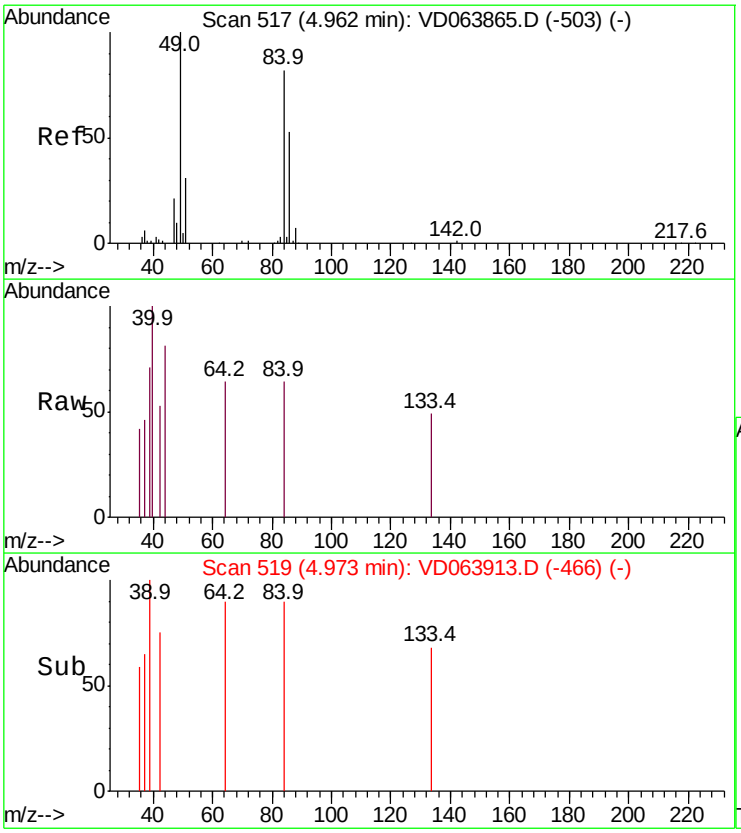
#18
Methyl Acetate
Concen: 2.466 ug/l
RT: 4.74 min Scan# 479
Delta R.T. 0.02 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Instrument : MSVOA_D
ClientSampleId : TP-2-D1

Tgt Ion: 43 Resp: 132

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.8	31.2#

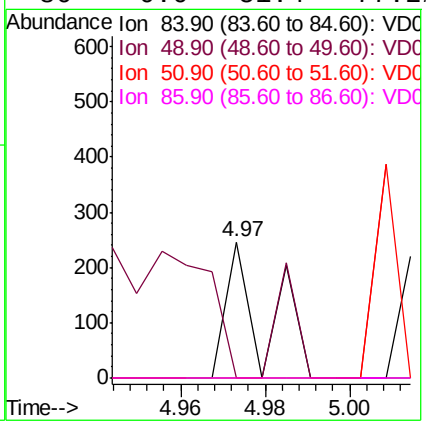


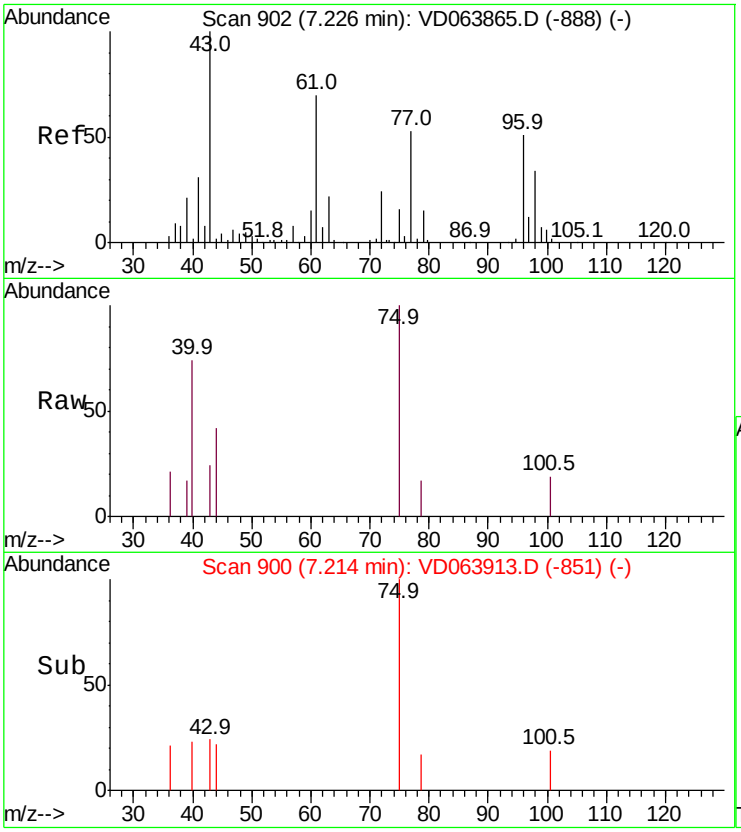


#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Tgt Ion: 84 Resp: 158

Ion	Ratio	Lower	Upper
84	100		
49	0.0	97.3	145.9#
51	0.0	30.1	45.1#
86	0.0	51.4	77.2#



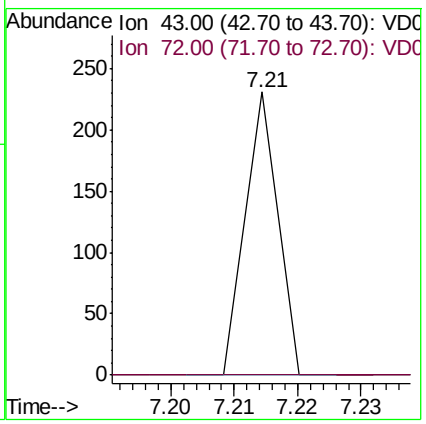


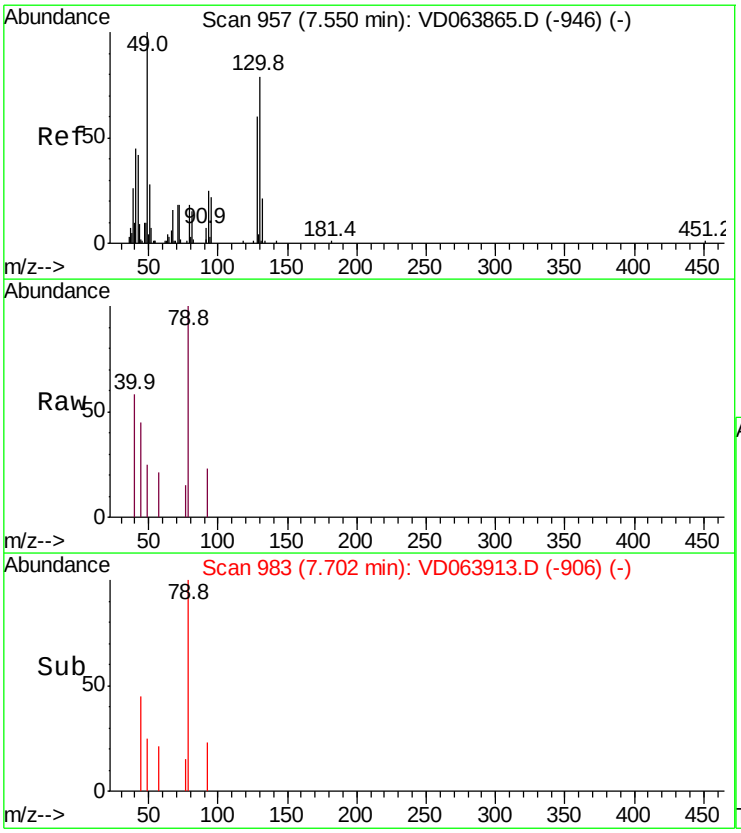
#25
2-Butanone
Concen: 2.497 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.01 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Instrument : MSVOA_D
ClientSampleId : TP-2-D1

Tgt Ion: 43 Resp: 81

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.2	28.8#

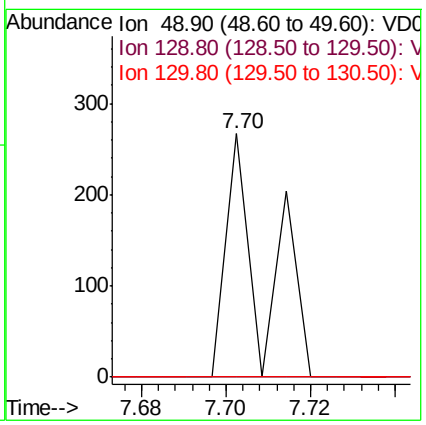


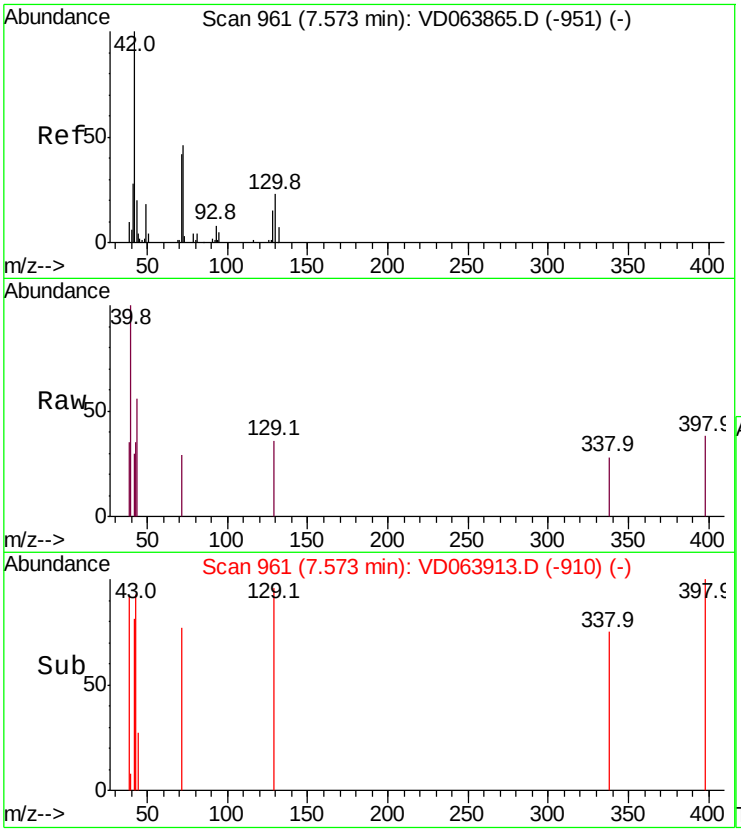


#28
Bromochloromethane
Concen: 4.085 ug/l
RT: 7.70 min Scan# 983
Delta R.T. 0.15 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Tgt Ion: 49 Resp: 166

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



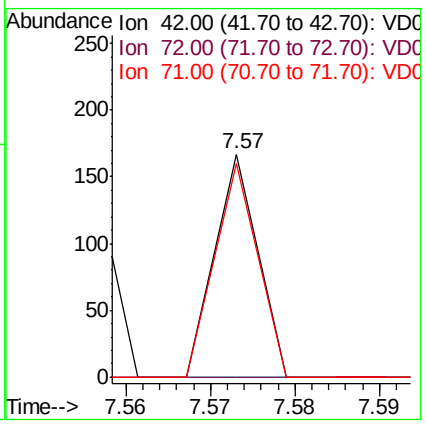


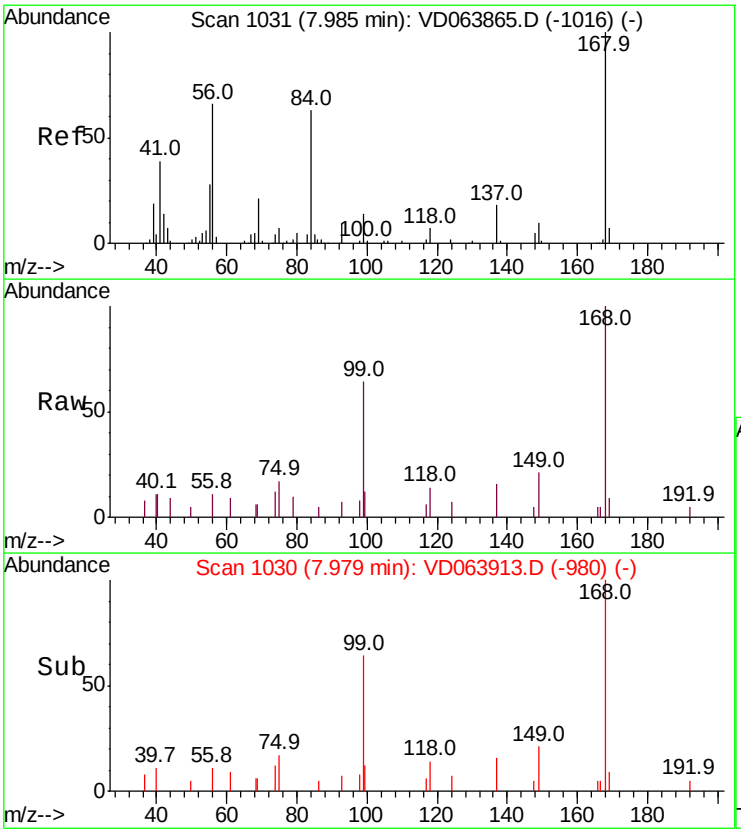
#29
Tetrahydrofuran
Concen: 3.116 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Instrument : MSVOA_D
ClientSampleId : TP-2-D1

Tgt Ion: 42 Resp: 59

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.6	56.4#
71	94.9	35.0	52.6#

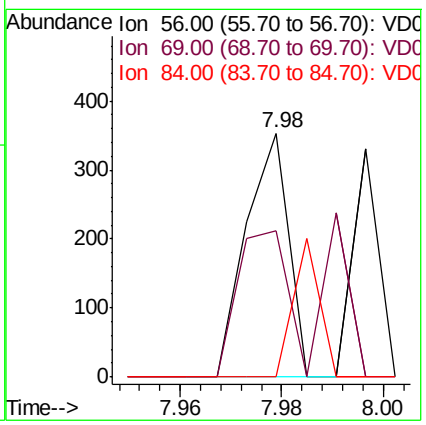


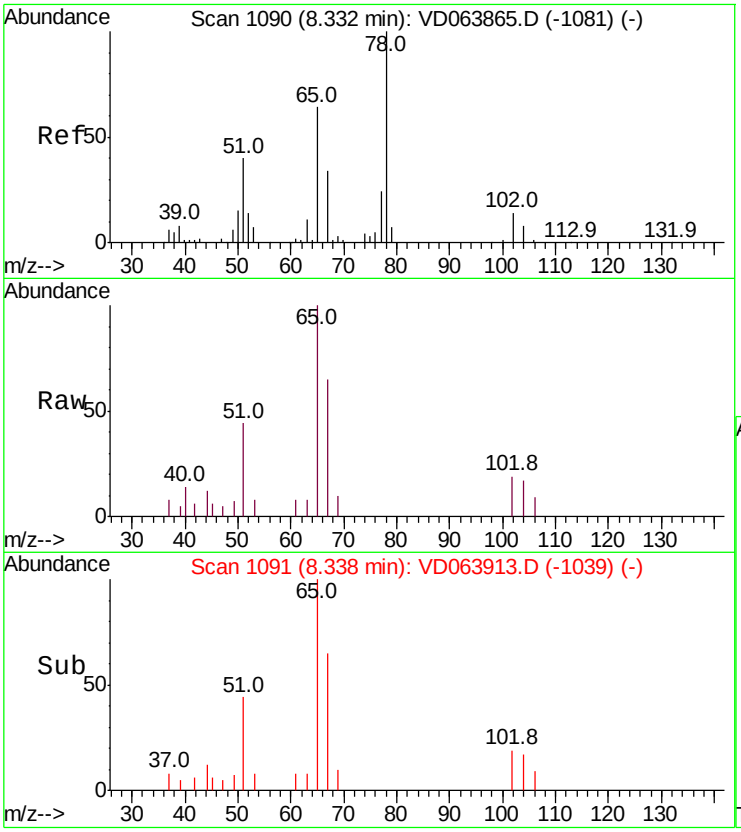


#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Tgt Ion: 56 Resp: 204

Ion	Ratio	Lower	Upper
56	100		
69	60.1	25.0	37.4#
84	0.0	76.3	114.5#



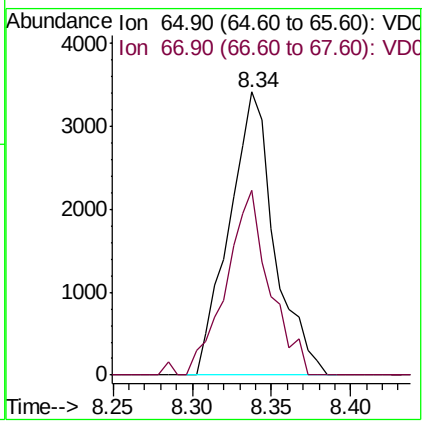


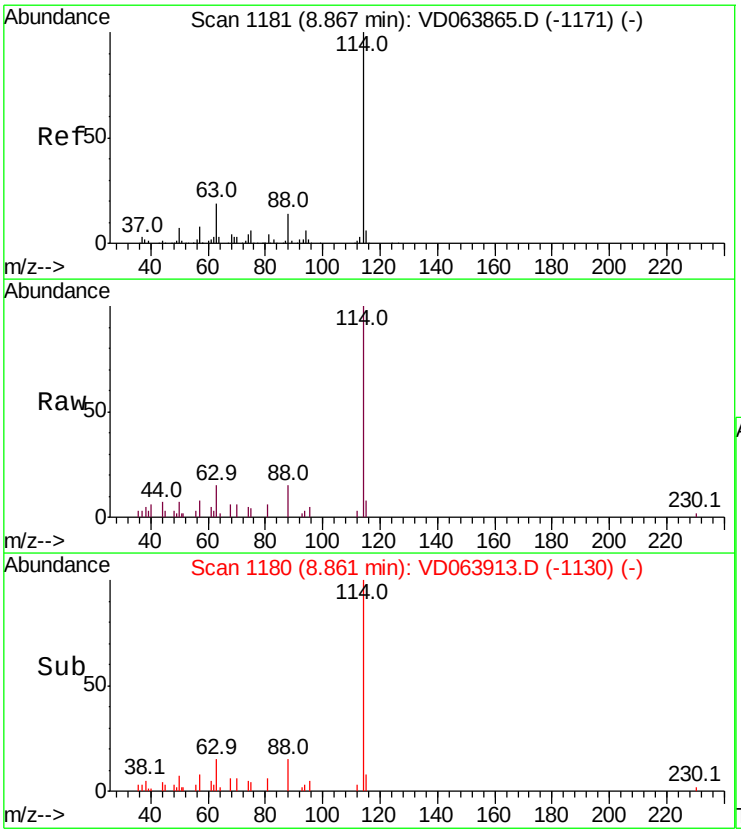
#33
1,2-Dichloroethane-d4
Concen: 64.379 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Instrument :
MSVOA_D
ClientSampleId :
TP-2-D1

Tgt Ion: 65 Resp: 6768

Ion	Ratio	Lower	Upper
65	100		
67	62.4	0.0	106.4

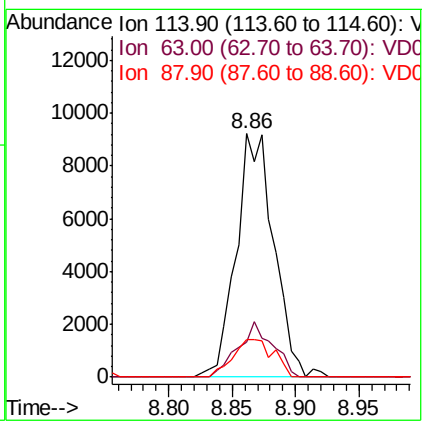


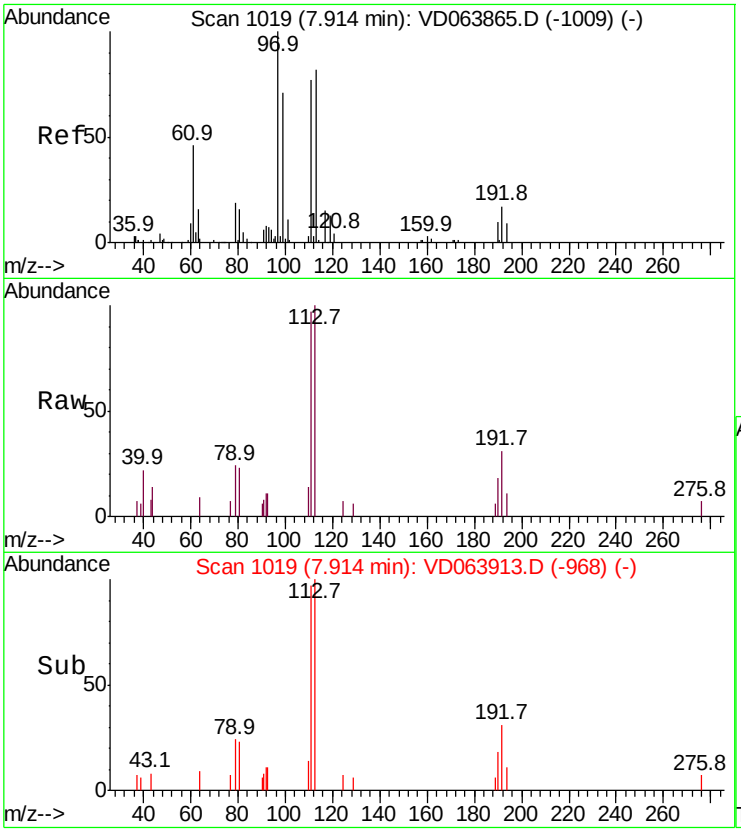


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Tgt Ion:114 Resp: 19084

Ion	Ratio	Lower	Upper
114	100		
63	14.5	0.0	38.4
88	15.3	0.0	27.4



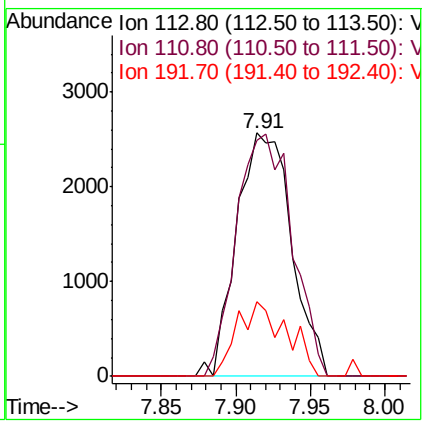


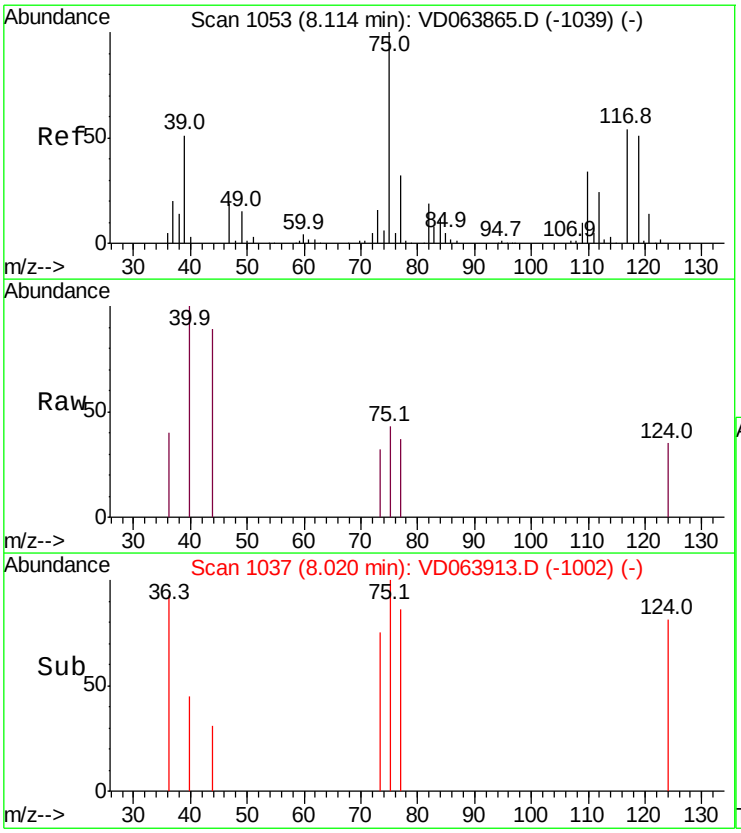
#35
Dibromofluoromethane
Concen: 56.170 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Instrument :
MSVOA_D
ClientSampleId :
TP-2-D1

Tgt Ion:113 Resp: 6551

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.6	123.8
192	27.7	17.1	25.7#

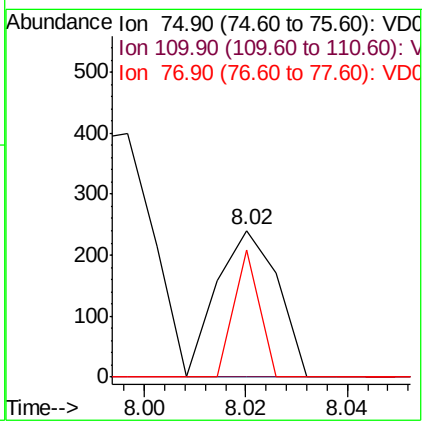


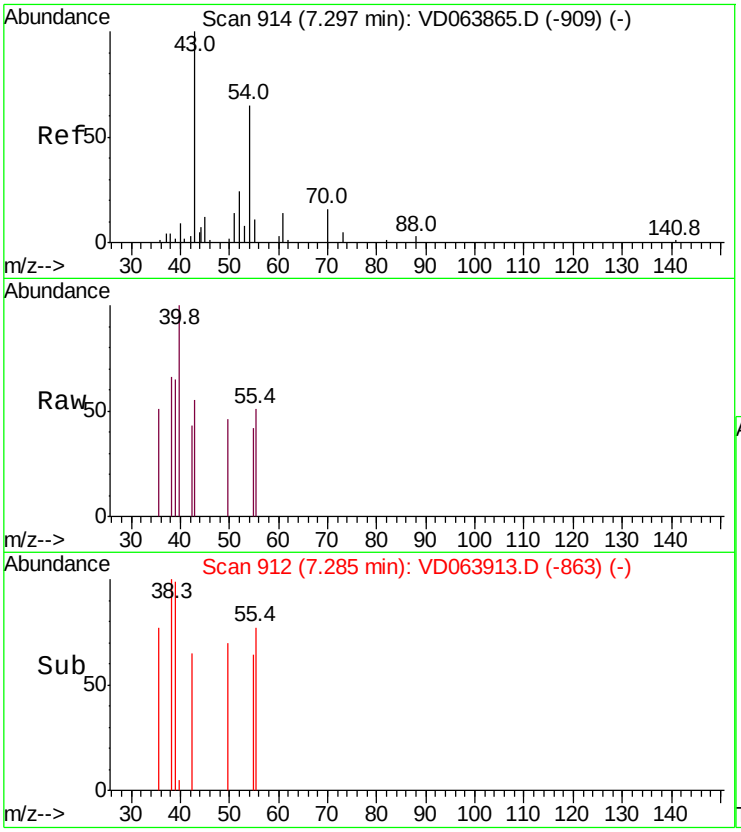


#36
1,1-Dichloropropene
Concen: 1.152 ug/l
RT: 8.02 min Scan# 1037
Delta R.T. -0.09 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Tgt Ion: 75 Resp: 201

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.4	52.3#
77	36.3	25.4	38.0



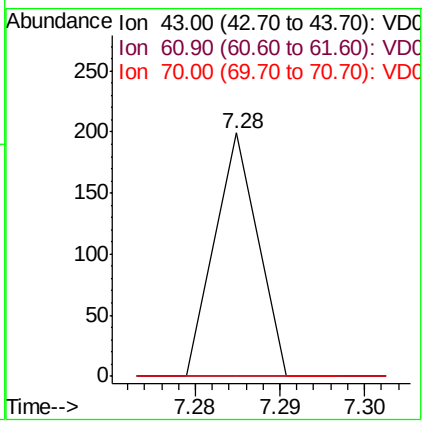


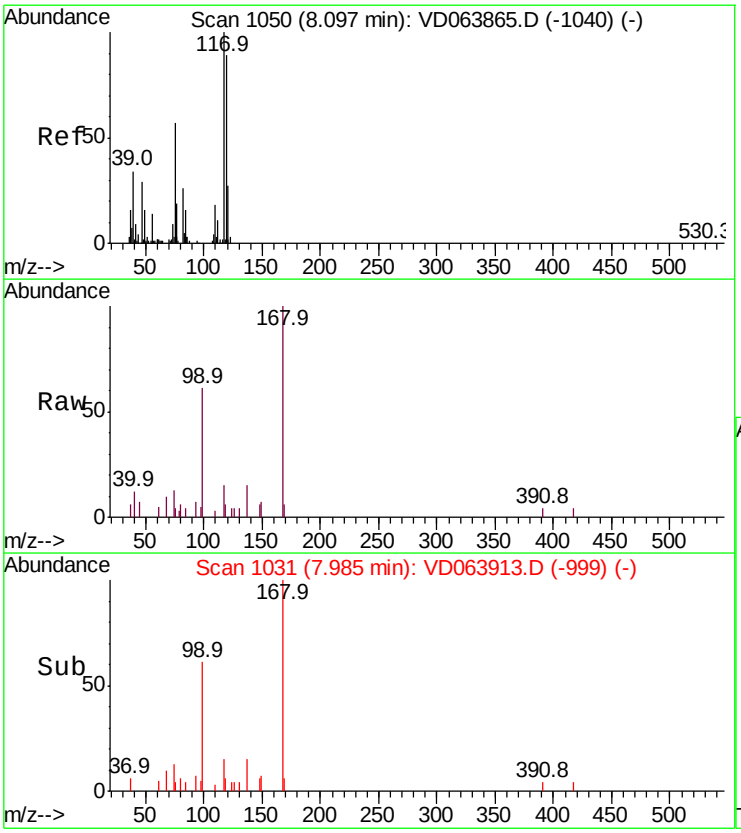
#37
Ethyl Acetate
Concen: Below Cal
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Instrument : MSVOA_D
ClientSampleId : TP-2-D1

Tgt Ion: 43 Resp: 70

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

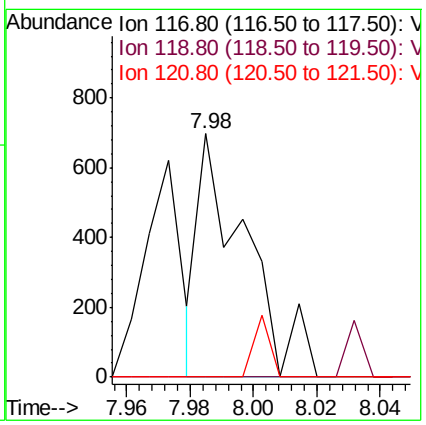


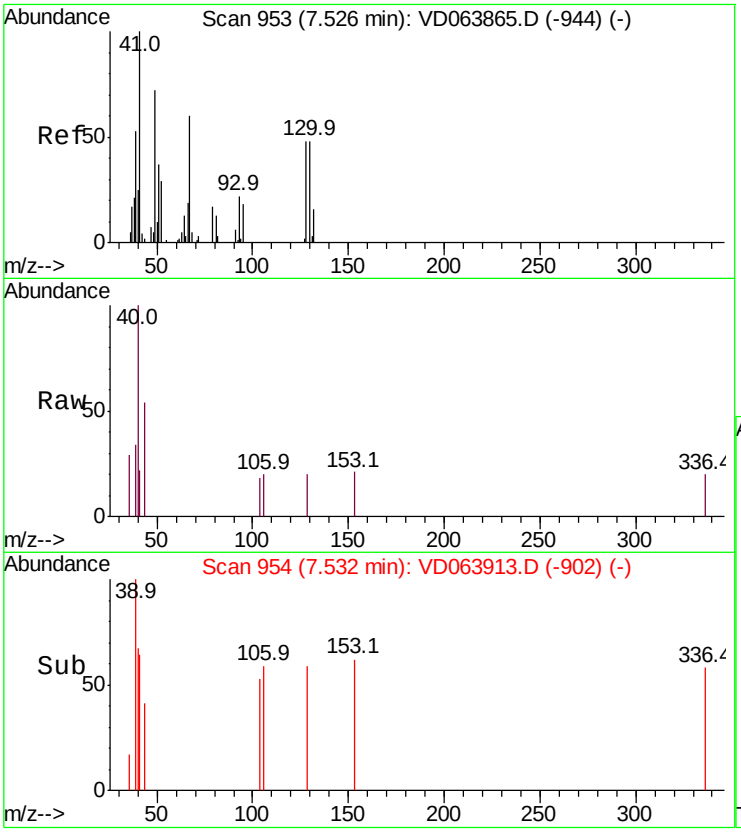


#38
Carbon Tetrachloride
Concen: 4.129 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Tgt Ion:117 Resp: 728

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



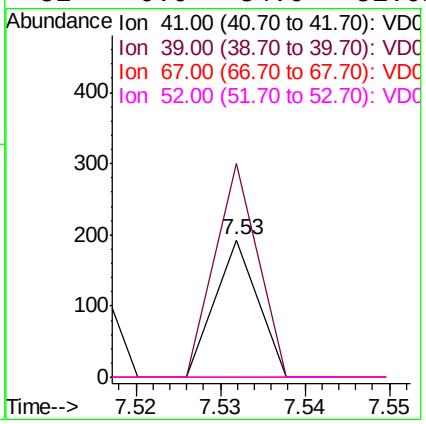


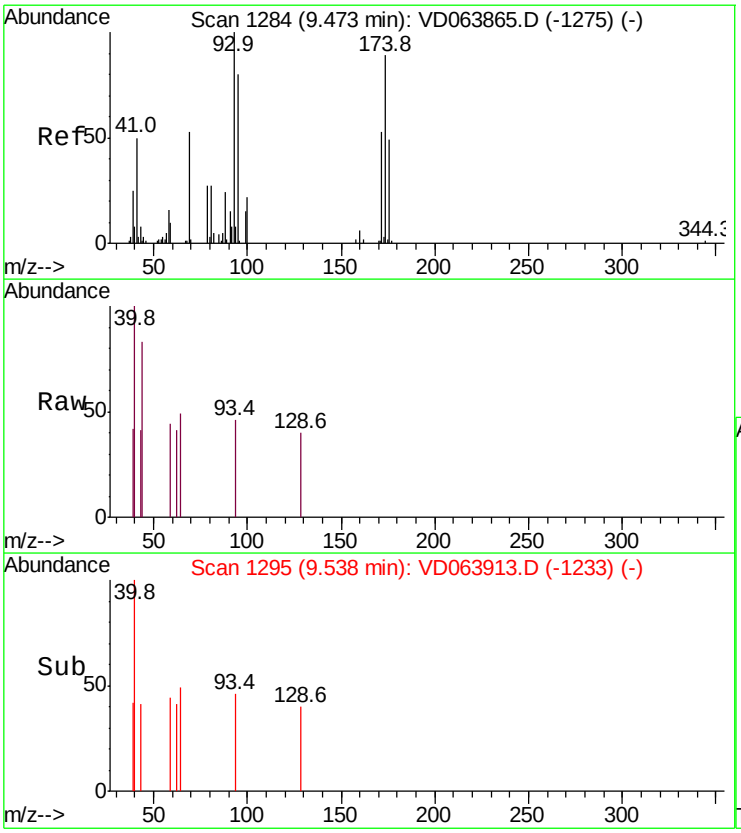
#41
Methacrylonitrile
Concen: 1.681 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Instrument : MSVOA_D
ClientSampleId : TP-2-D1

Tgt Ion: 41 Resp: 68

Ion	Ratio	Lower	Upper
41	100		
39	155.9	52.6	78.8#
67	0.0	74.2	111.2#
52	0.0	34.0	51.0#

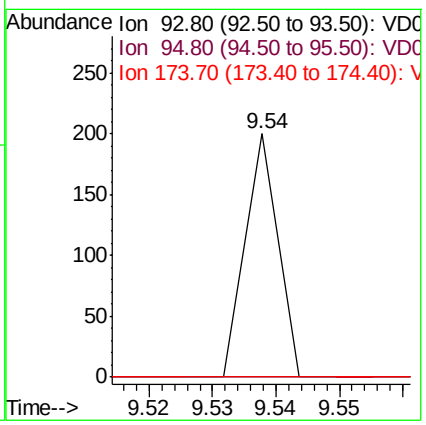


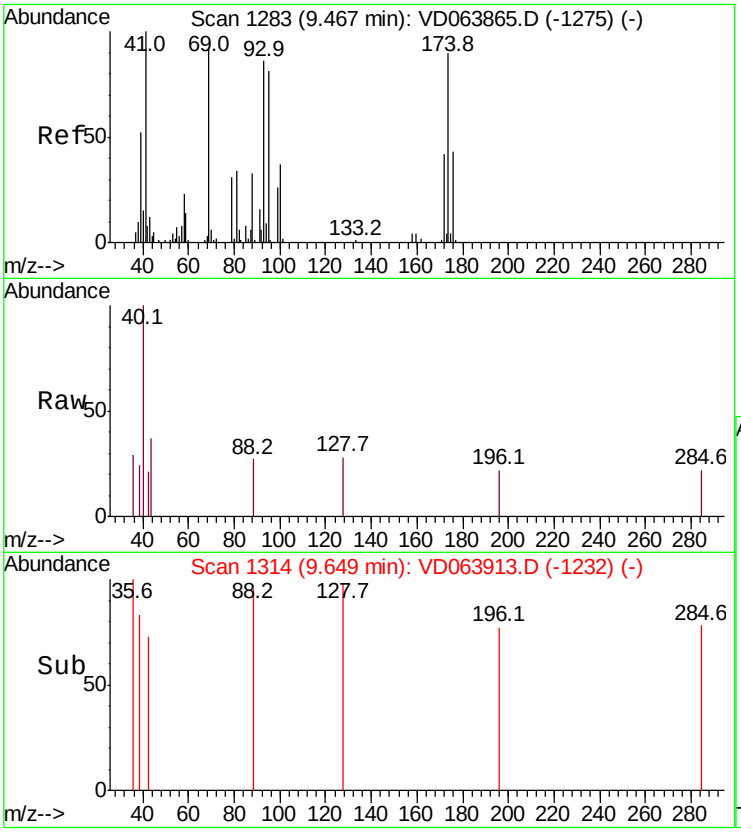


#46
Dibromomethane
Concen: 1.019 ug/l
RT: 9.54 min Scan# 1295
Delta R.T. 0.06 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Tgt Ion: 93 Resp: 71

Ion	Ratio	Lower	Upper
93	100		
95	0.0	66.0	99.0#
174	0.0	83.4	125.0#



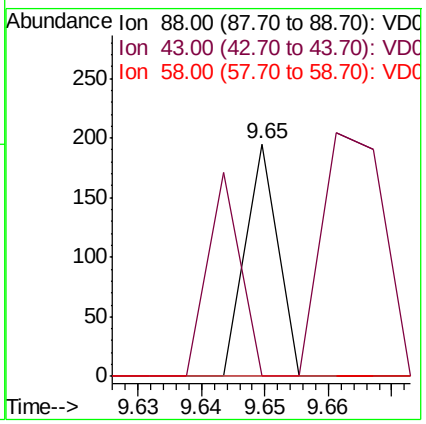


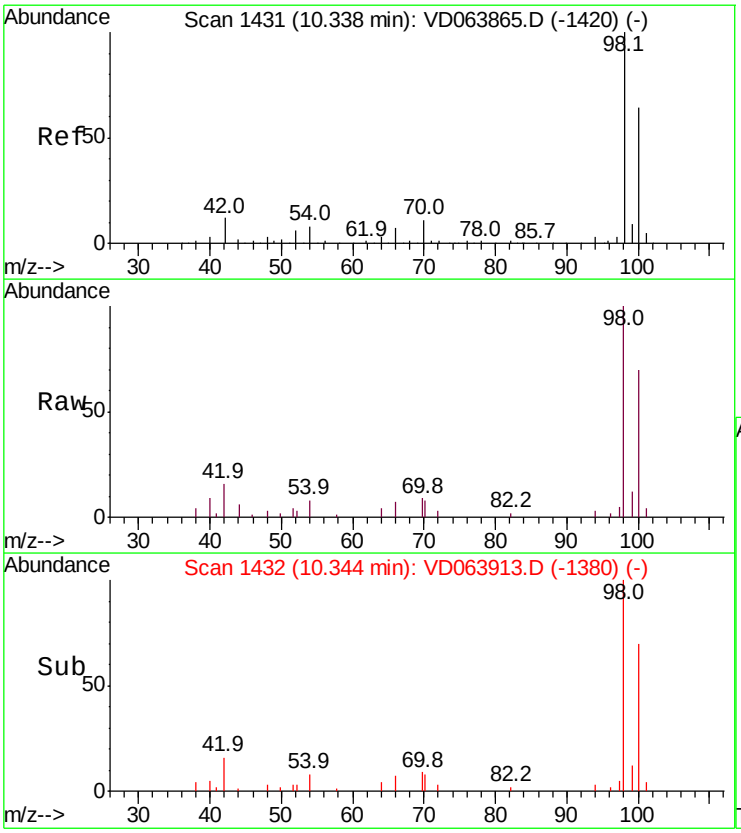
#49
1,4-Dioxane
Concen: 72.521 ug/l
RT: 9.65 min Scan# 1314
Delta R.T. 0.18 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Instrument :
MSVOA_D
ClientSampleId :
TP-2-D1

Tgt Ion: 88 Resp: 69

Ion	Ratio	Lower	Upper
88	100		
43	87.0	27.6	41.4#
58	0.0	54.1	81.1#

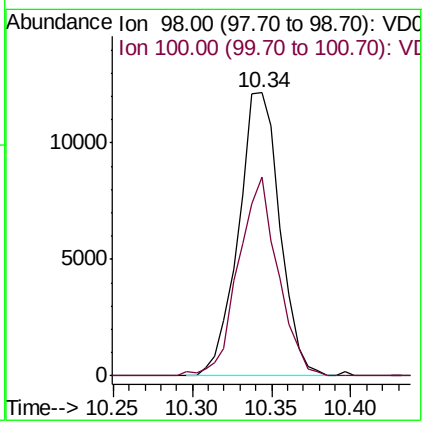


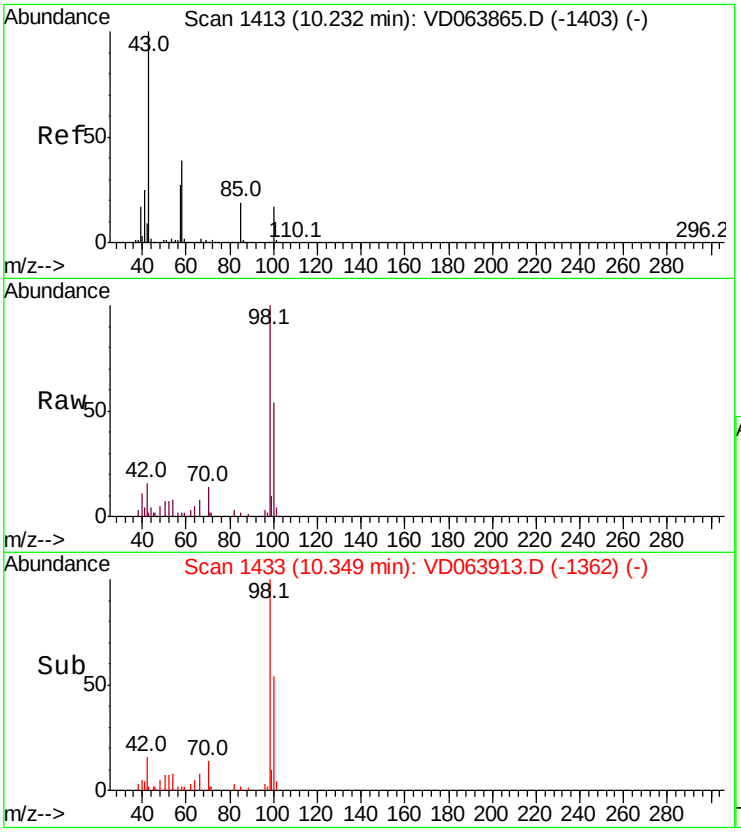


#50
Toluene-d8
Concen: 46.684 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Tgt Ion: 98 Resp: 22099

Ion	Ratio	Lower	Upper
98	100		
100	66.9	52.1	78.1



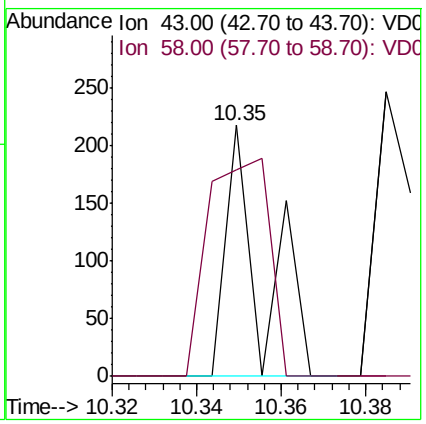


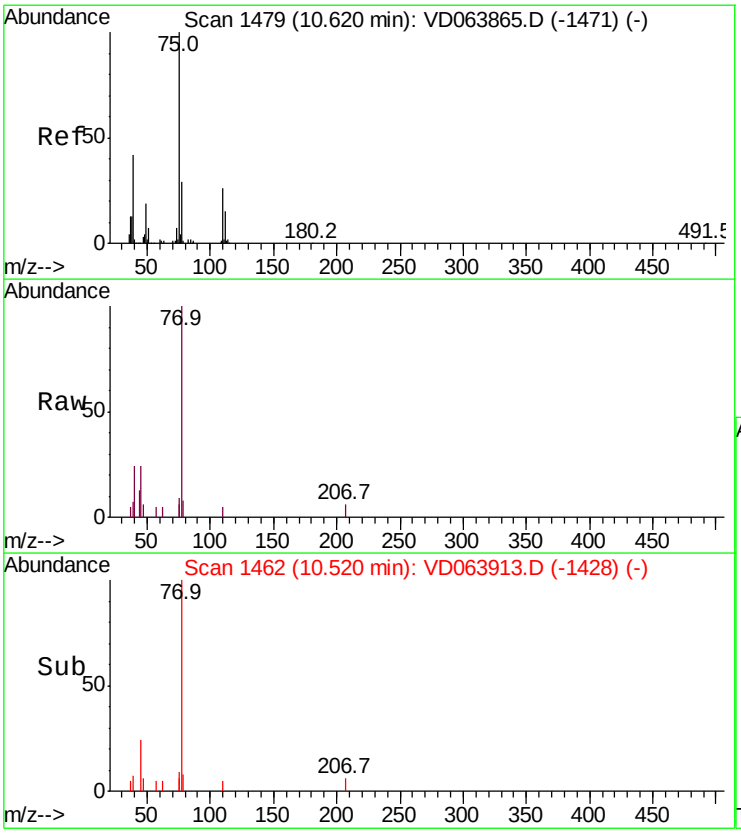
#51
4-Methyl-2-Pentanone
Concen: 1.713 ug/l
RT: 10.35 min Scan# 1433
Delta R.T. 0.12 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Instrument : MSVOA_D
ClientSampleId : TP-2-D1

Tgt Ion: 43 Resp: 130

Ion	Ratio	Lower	Upper
43	100		
58	145.4	33.0	49.4#

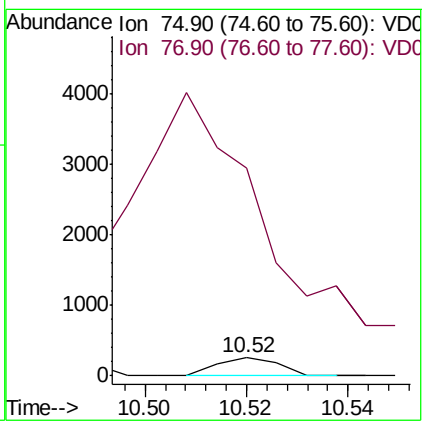


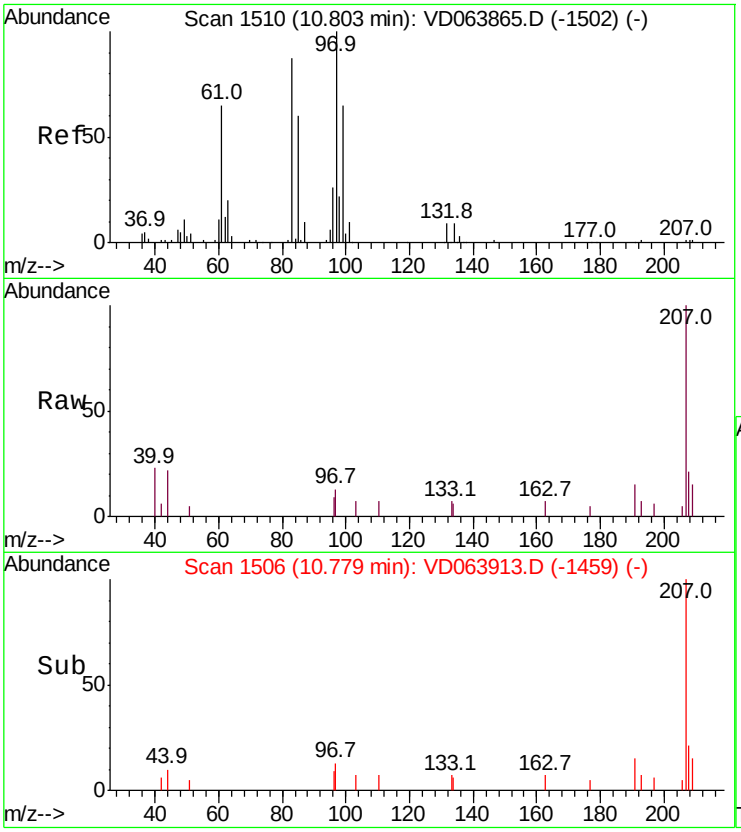


#53
t-1,3-Dichloropropene
Concen: 1.251 ug/l
RT: 10.52 min Scan# 1462
Delta R.T. -0.10 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Tgt Ion: 75 Resp: 219

Ion	Ratio	Lower	Upper
75	100		
77	652.7	22.8	34.2#



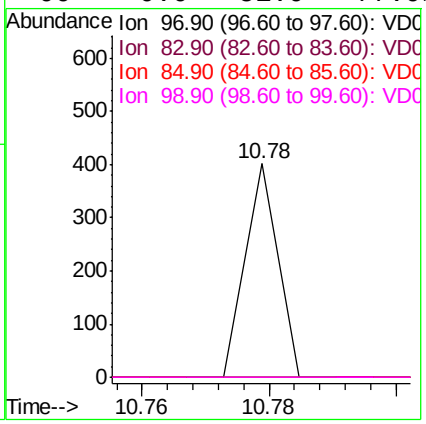


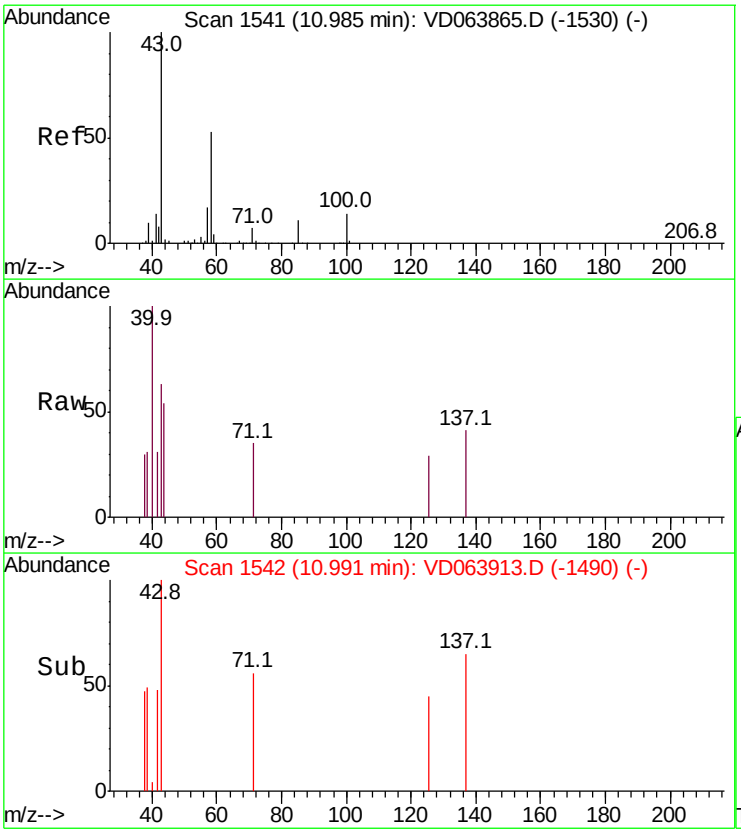
#55
1,1,2-Trichloroethane
Concen: 1.443 ug/l
RT: 10.78 min Scan# 1506
Delta R.T. -0.02 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Instrument : MSVOA_D
ClientSampleId : TP-2-D1

Tgt Ion: 97 Resp: 142

Ion	Ratio	Lower	Upper
97	100		
83	0.0	69.7	104.5#
85	0.0	48.1	72.1#
99	0.0	51.9	77.9#

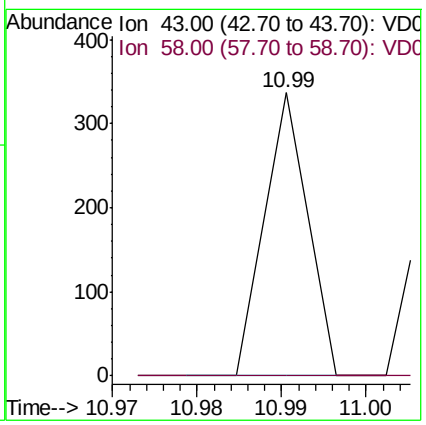


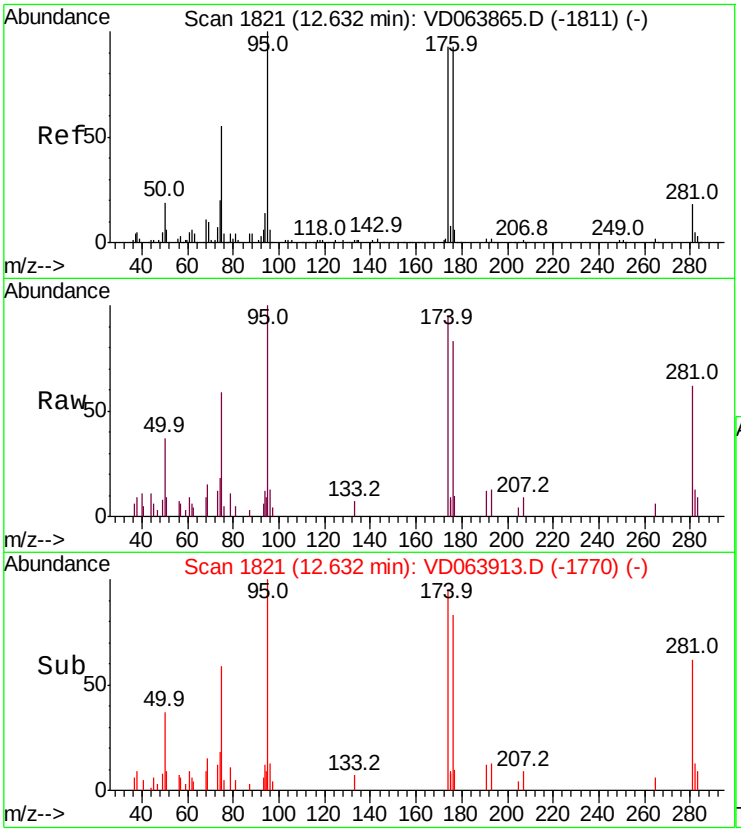


#59
2-Hexanone
Concen: 2.168 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Tgt Ion: 43 Resp: 119

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.7	83.0#



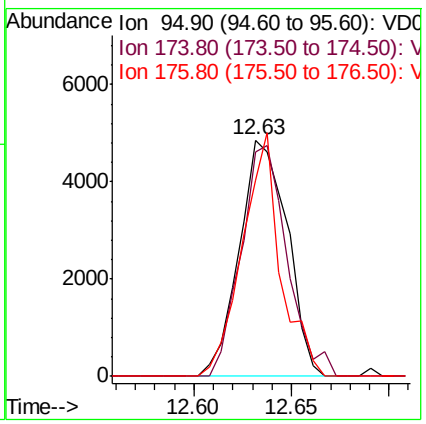


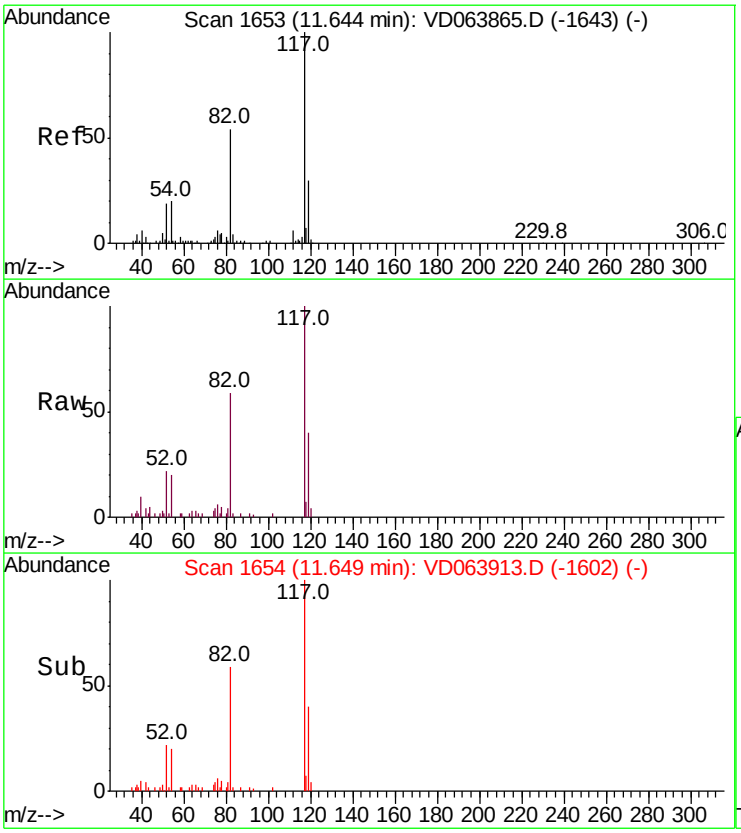
#62
4-Bromofluorobenzene
Concen: 50.098 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Instrument :
MSVOA_D
ClientSampleId :
TP-2-D1

Tgt Ion: 95 Resp: 8241

Ion	Ratio	Lower	Upper
95	100		
174	94.0	0.0	186.4
176	82.0	0.0	184.2

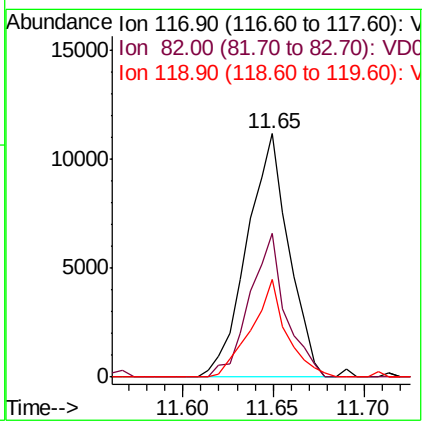


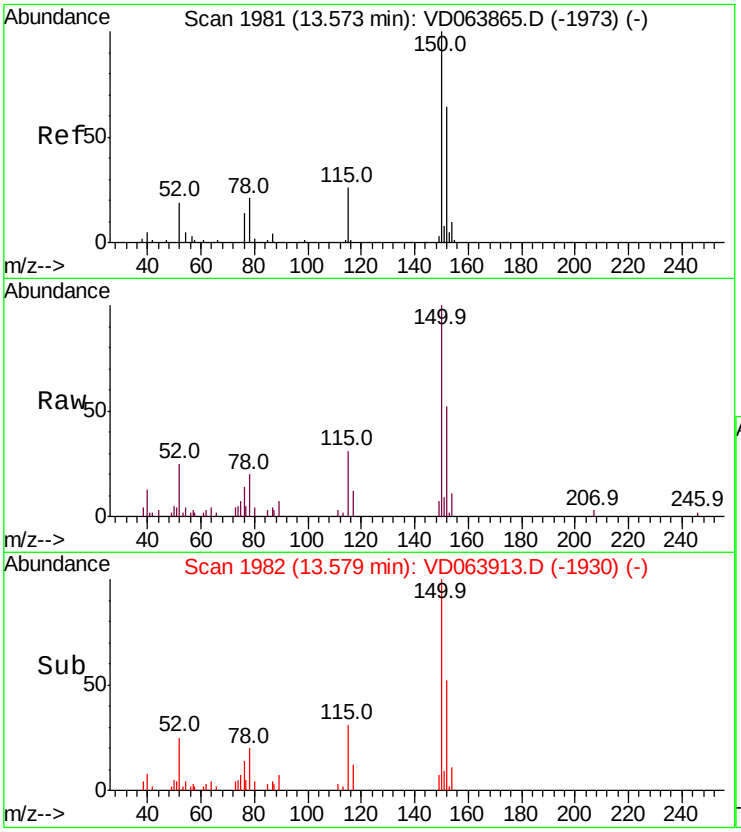


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Tgt Ion:117 Resp: 17933

Ion	Ratio	Lower	Upper
117	100		
82	59.2	42.8	64.2
119	40.0	24.4	36.6#



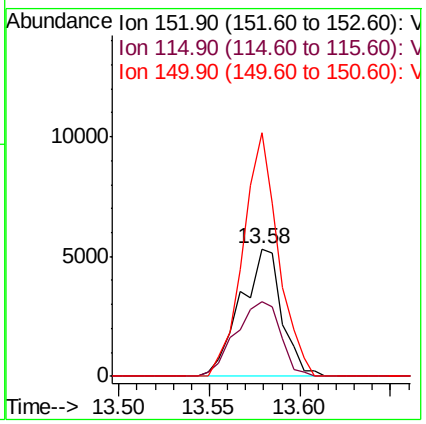


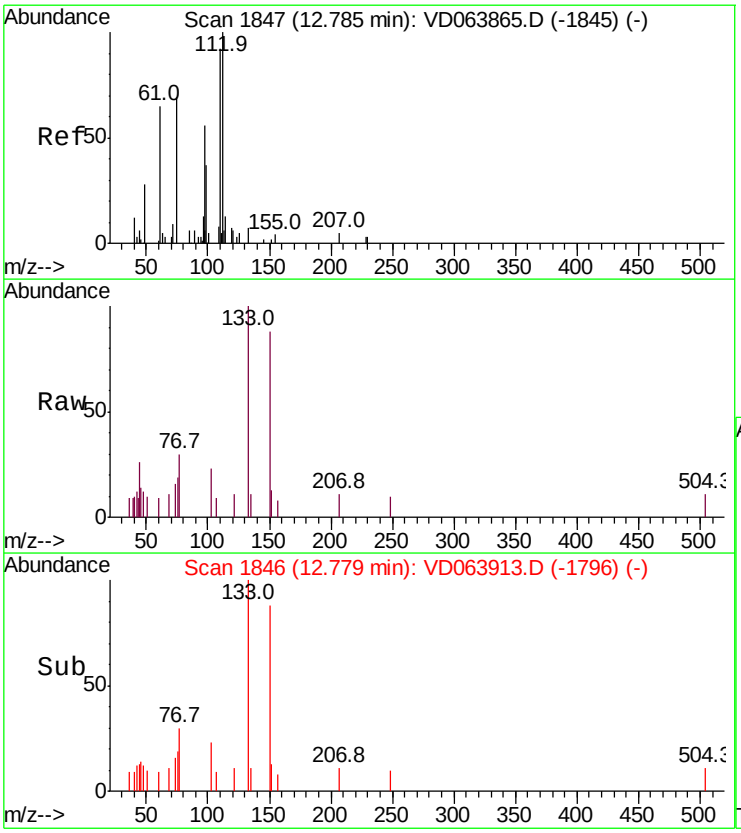
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Instrument : MSVOA_D
ClientSampleId : TP-2-D1

Tgt Ion:152 Resp: 8433

Ion	Ratio	Lower	Upper
152	100		
115	63.5	25.9	77.7
150	162.7	0.0	344.2

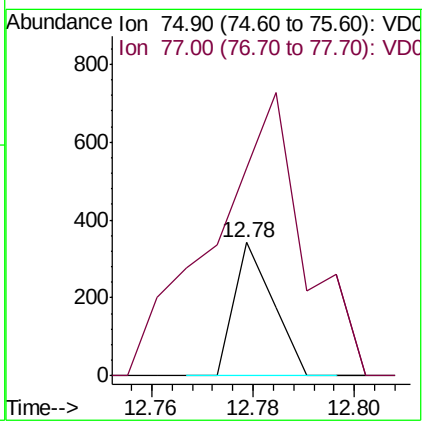


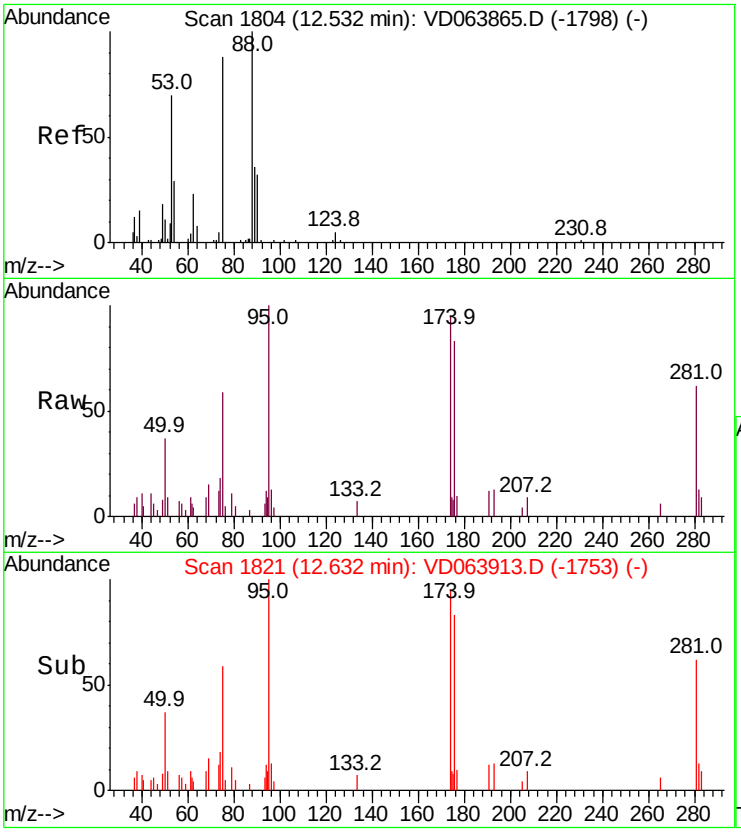


#76
1,2,3-Trichloropropane
Concen: 3.240 ug/l
RT: 12.78 min Scan# 1846
Delta R.T. -0.01 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Tgt Ion: 75 Resp: 183

Ion	Ratio	Lower	Upper
75	100		
77	492.9	0.0	0.0#



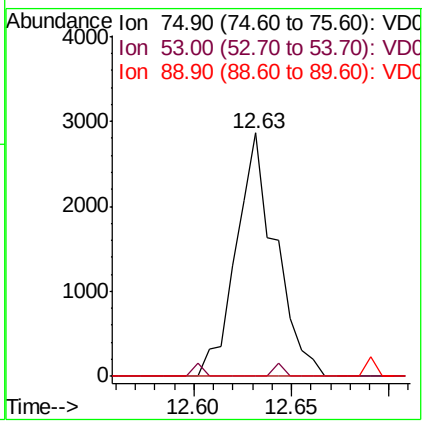


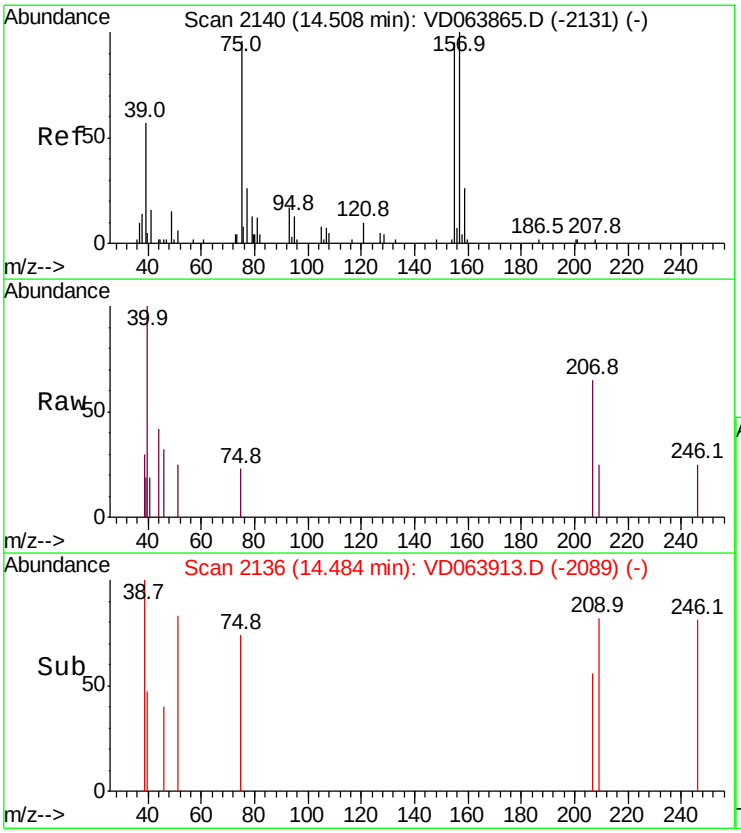
#81
trans-1,4-Dichloro-2-butene
Concen: 125.384 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Instrument :
MSVOA_D
ClientSampleId :
TP-2-D1

Tgt Ion: 75 Resp: 4002

Ion	Ratio	Lower	Upper
75	100		
53	1.4	75.0	112.6#
89	0.0	38.2	57.4#

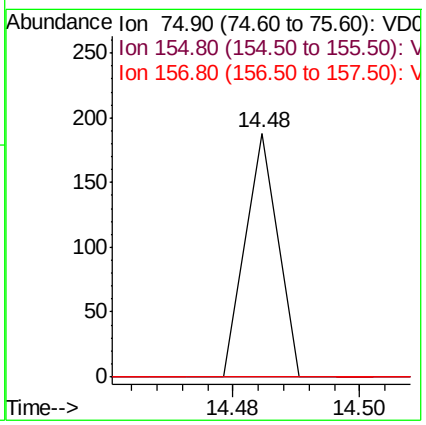


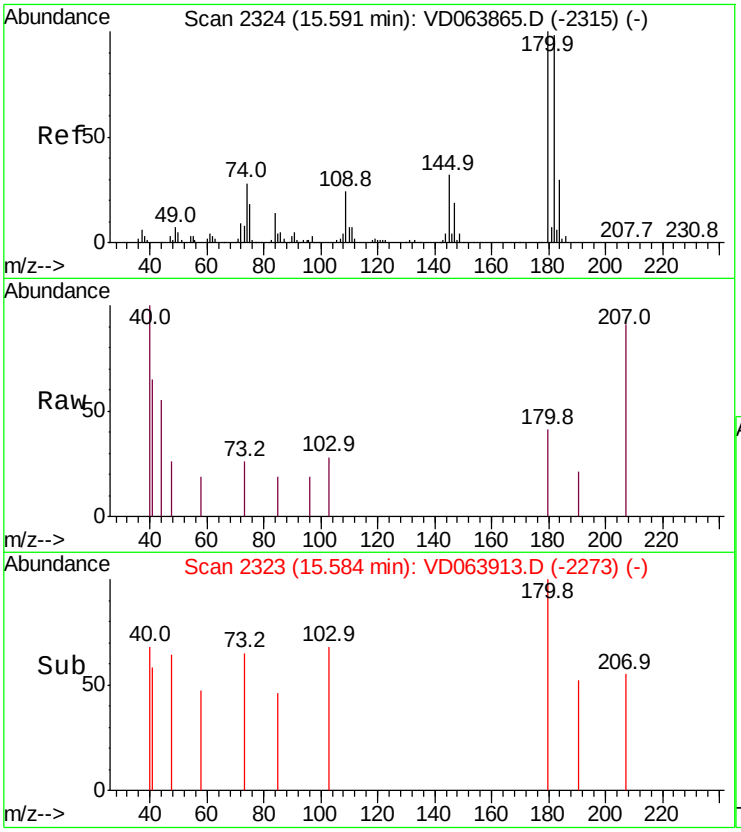


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.944 ug/l
RT: 14.48 min Scan# 2136
Delta R.T. -0.02 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Tgt Ion: 75 Resp: 66

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





#96
1,2,3-Trichlorobenzene
Concen: 1.087 ug/l
RT: 15.58 min Scan# 2323
Delta R.T. -0.01 min
Lab File: VD063913.D
Acq: 10 Oct 2019 16:38

Instrument :
MSVOA_D
ClientSampleId :
TP-2-D1

Tgt Ion:180 Resp: 174

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.0	141.0#
145	0.0	15.3	45.9#