Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD101719\
Data File : VD063999.D
Acq On : 17 Oct 2019 15:17
Operator : VA/SY
Sample : K5436-02
Misc : 8.25G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Oct 17 17:30:18 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	171014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	321016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	301124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	127213	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	93365	56.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.16%			
35) Dibromofluoromethane	7.91	113	98746	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.66%			
50) Toluene-d8	10.34	98	408288	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.54%			
62) 4-Bromofluorobenzene	12.64	95	118170	42.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.42%			
Target Compounds						Qvalue
3) Chloromethane	2.21	50	1640	Below Cal		88
11) Tert butyl alcohol	5.25	59	152	Below Cal	#	71
16) Acetone	4.16	43	15851	36.567	ug/l	95
20) Methylene Chloride	4.96	84	929	Below Cal	#	68
25) 2-Butanone	7.21	43	1175	2.287	ug/l #	51
28) Bromochloromethane	7.54	49	67	1.921	ug/l #	10
29) Tetrahydrofuran	7.57	42	495	1.651	ug/l #	31
31) Cyclohexane	7.98	56	4885	Below Cal	#	51
37) Ethyl Acetate	7.31	43	137	Below Cal	#	29
38) Carbon Tetrachloride	7.98	117	17600	5.934	ug/l #	21
49) 1,4-Dioxane	9.41	88	55	3.437	ug/l #	1
52) Toluene	10.40	92	6519	1.129	ug/l	86
68) m/p-Xylenes	11.85	106	4497	1.068	ug/l	83
76) 1,2,3-Trichloropropane	12.63	75	64098	75.229	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	64098	133.125	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.57	75	80	Below Cal	#	1

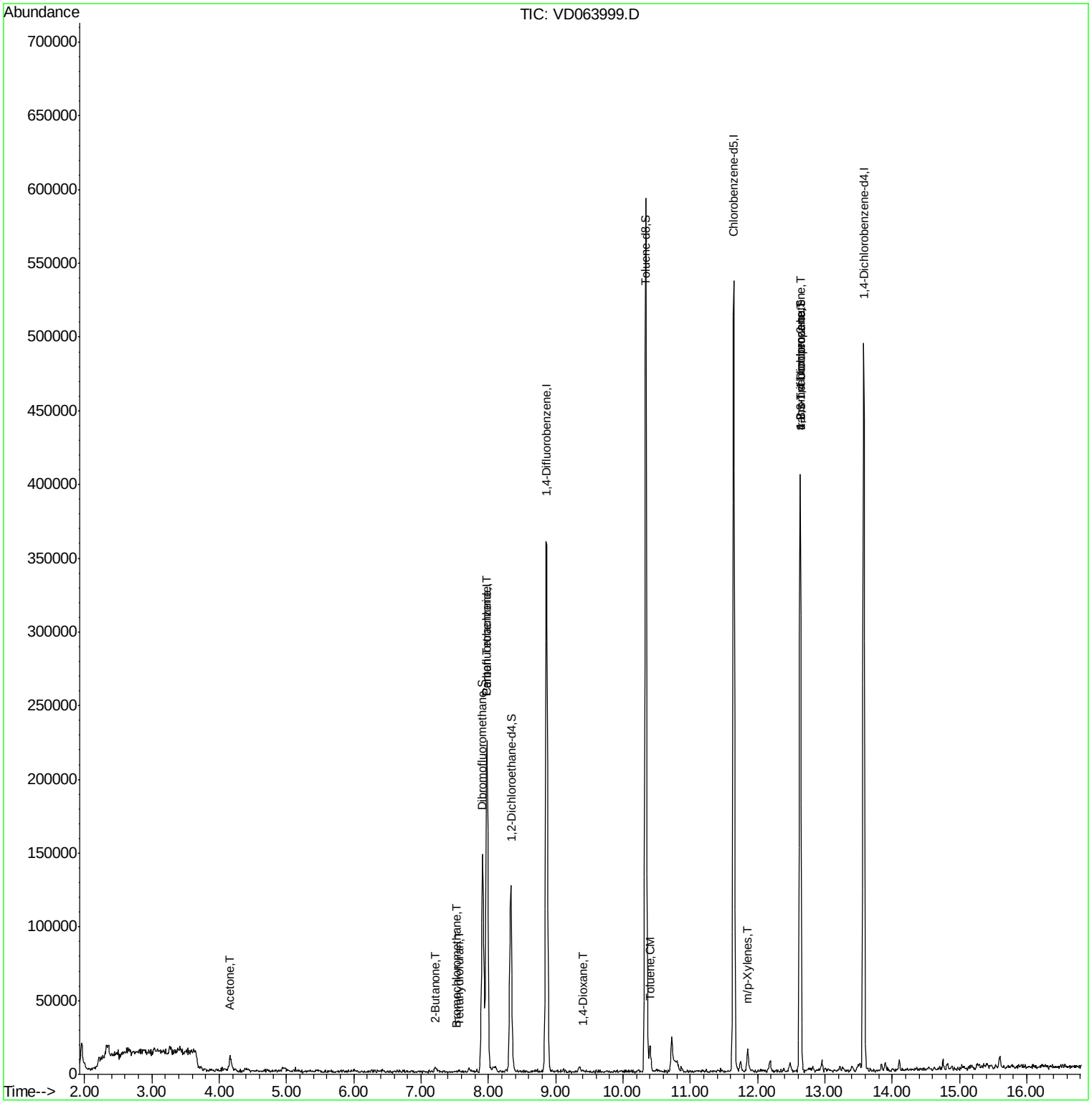
(#) = qualifier out of range (m) = manual integration (+) = signals summed

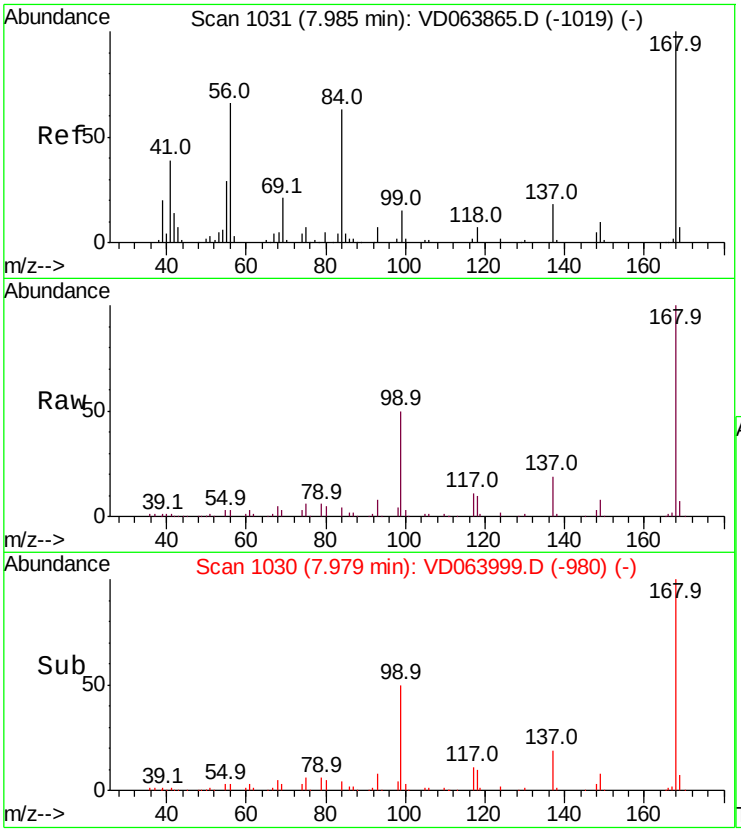
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD101719\
Data File : VD063999.D
Acq On : 17 Oct 2019 15:17
Operator : VA/SY
Sample : K5436-02
Misc : 8.25G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 17 17:30:18 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



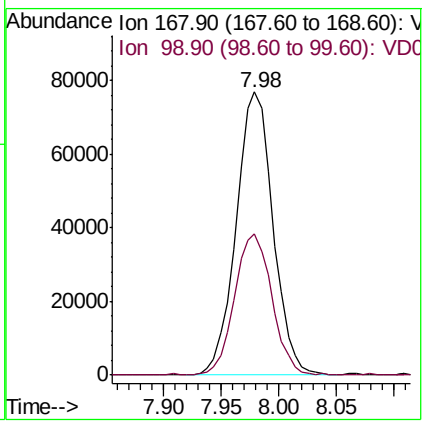


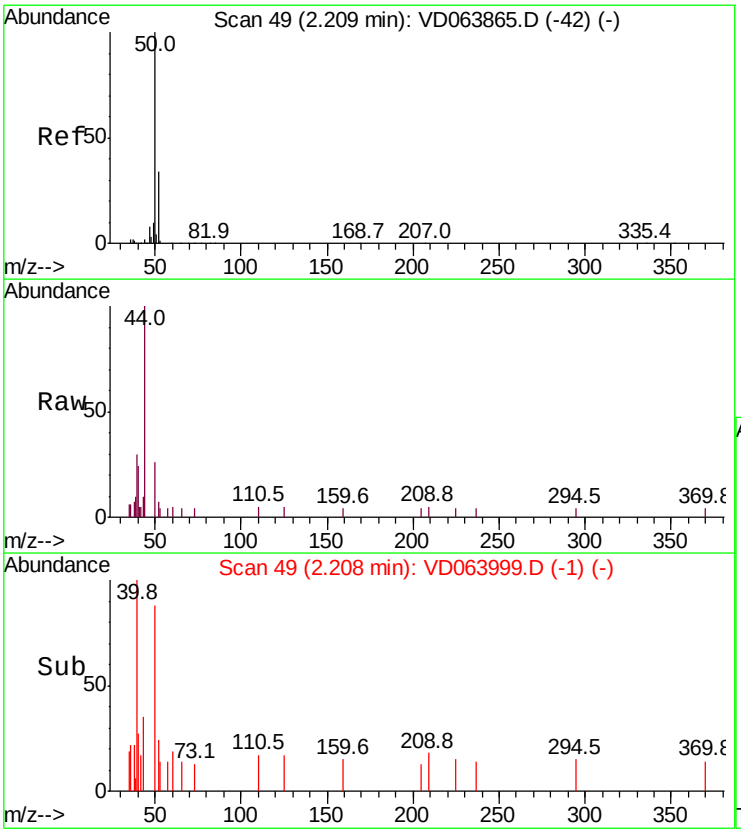
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 171014

Ion	Ratio	Lower	Upper
168	100		
99	49.6	43.0	64.4

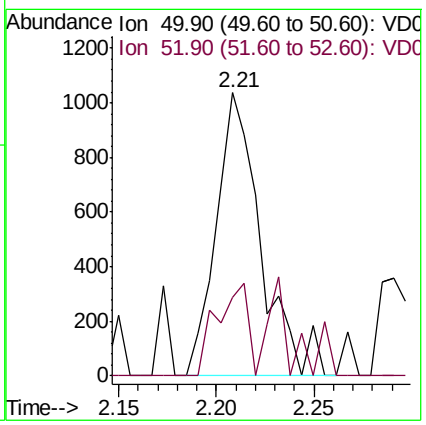


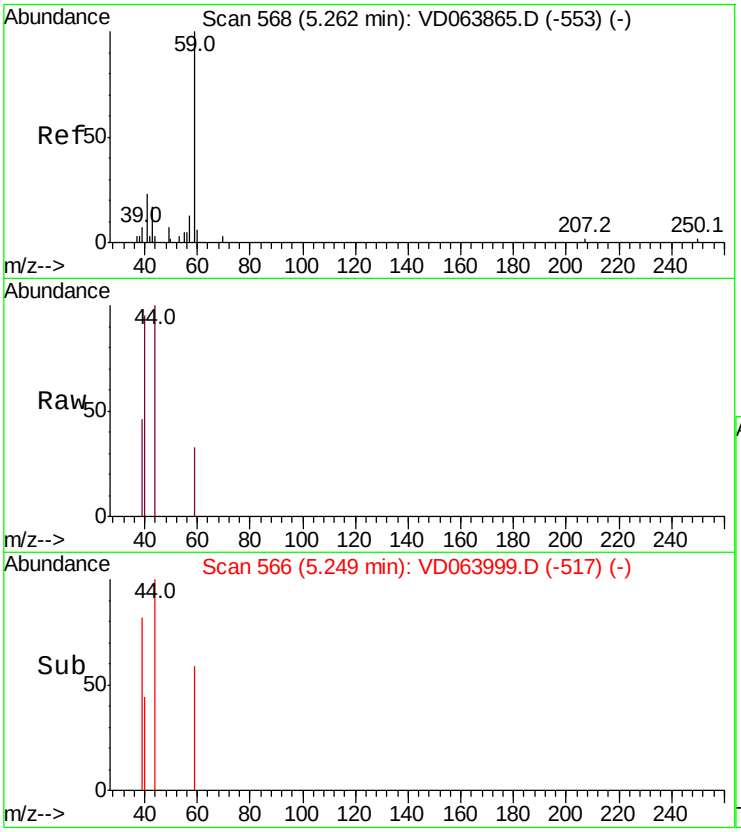


#3
Chloromethane
Concen: Below Cal
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Tgt Ion: 50 Resp: 1640

Ion	Ratio	Lower	Upper
50	100		
52	27.7	27.5	41.3



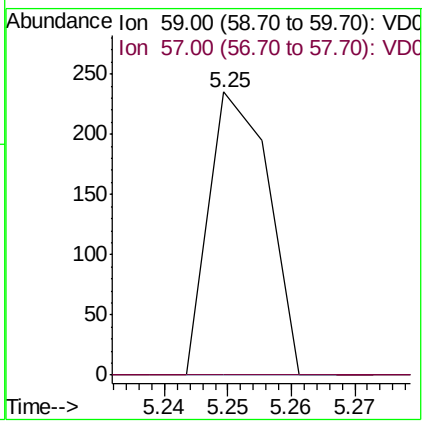


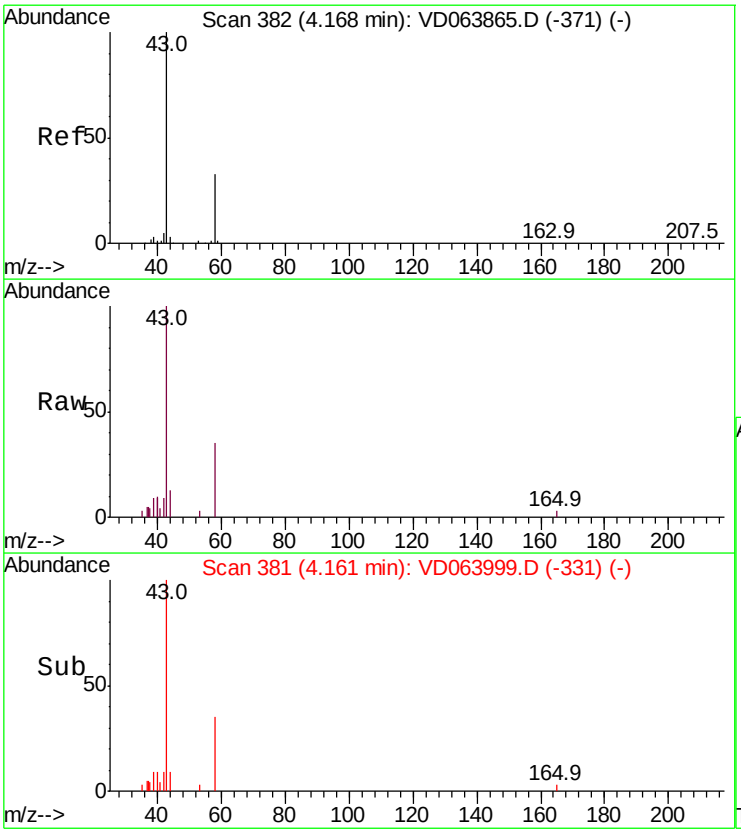
#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.25 min Scan# 566
Delta R.T. -0.01 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 152

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.8	13.2#

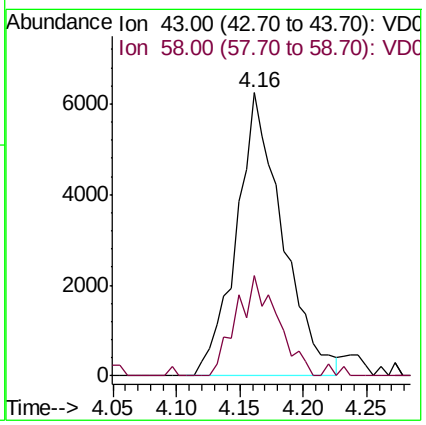


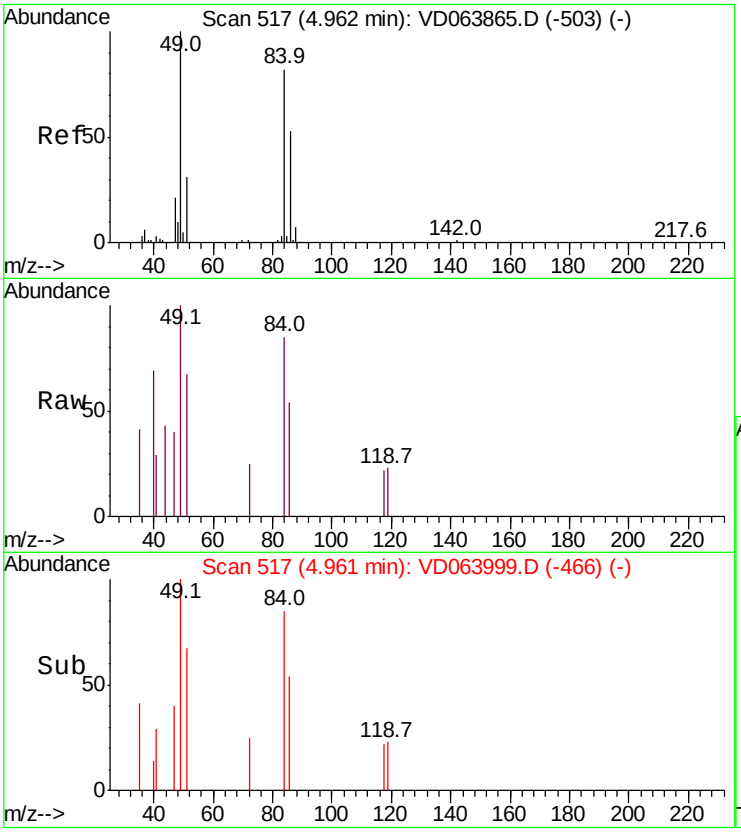


#16
Acetone
Concen: 36.567 ug/l
RT: 4.16 min Scan# 381
Delta R.T. -0.01 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Tgt Ion: 43 Resp: 15851

Ion	Ratio	Lower	Upper
43	100		
58	35.4	26.2	39.4



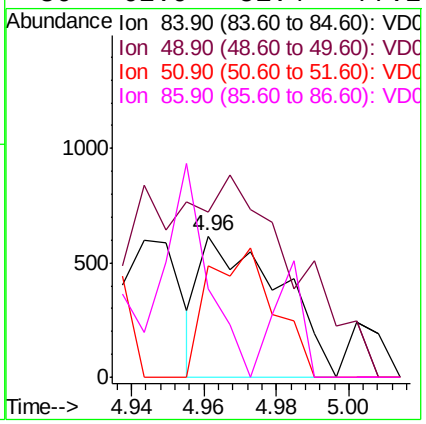


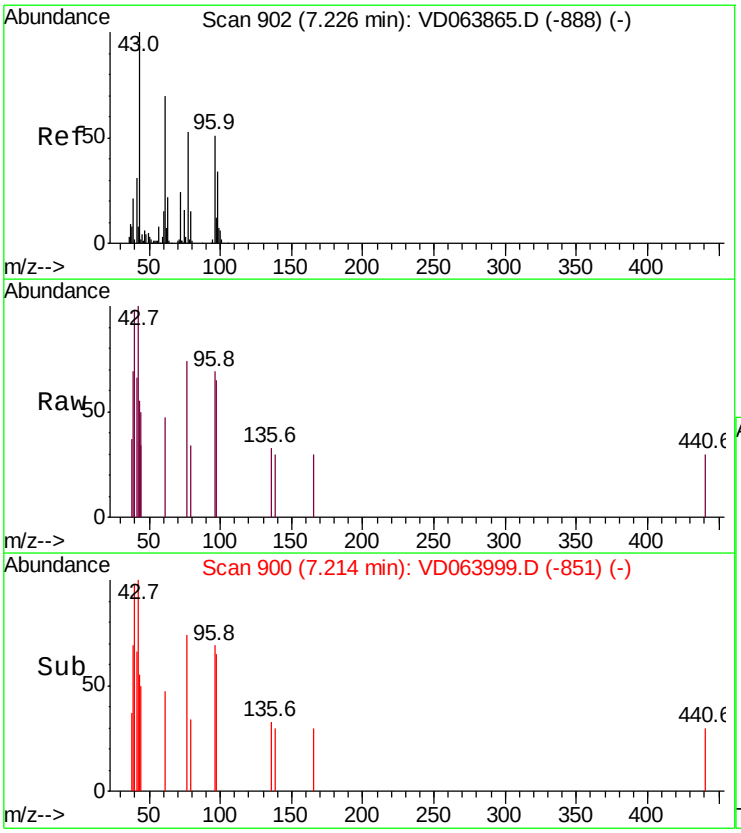
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 929

Ion	Ratio	Lower	Upper
84	100		
49	81.2	97.3	145.9#
51	78.6	30.1	45.1#
86	62.9	51.4	77.2

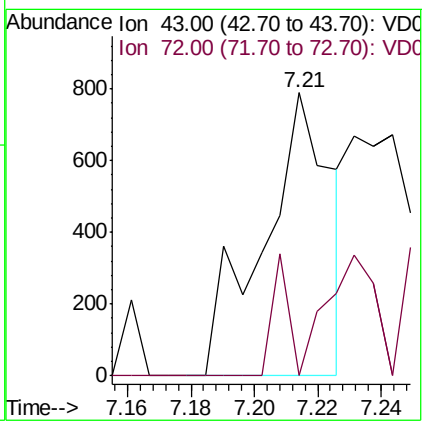


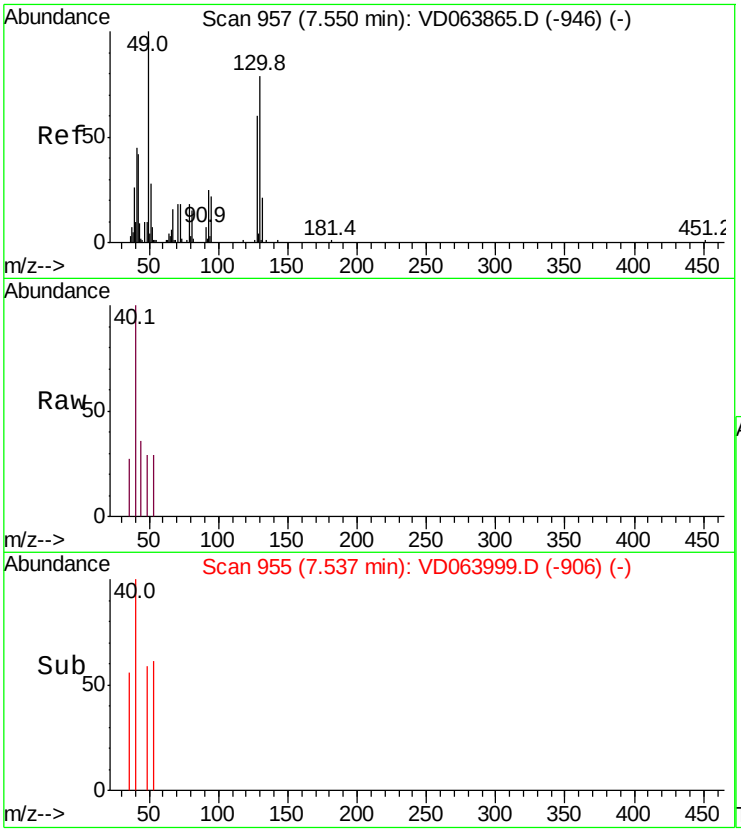


#25
2-Butanone
Concen: 2.287 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.01 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Tgt Ion: 43 Resp: 1175

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.2	28.8#



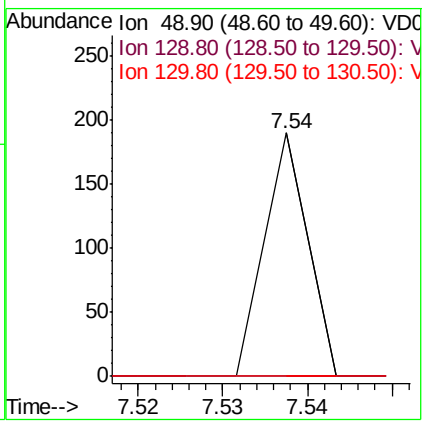


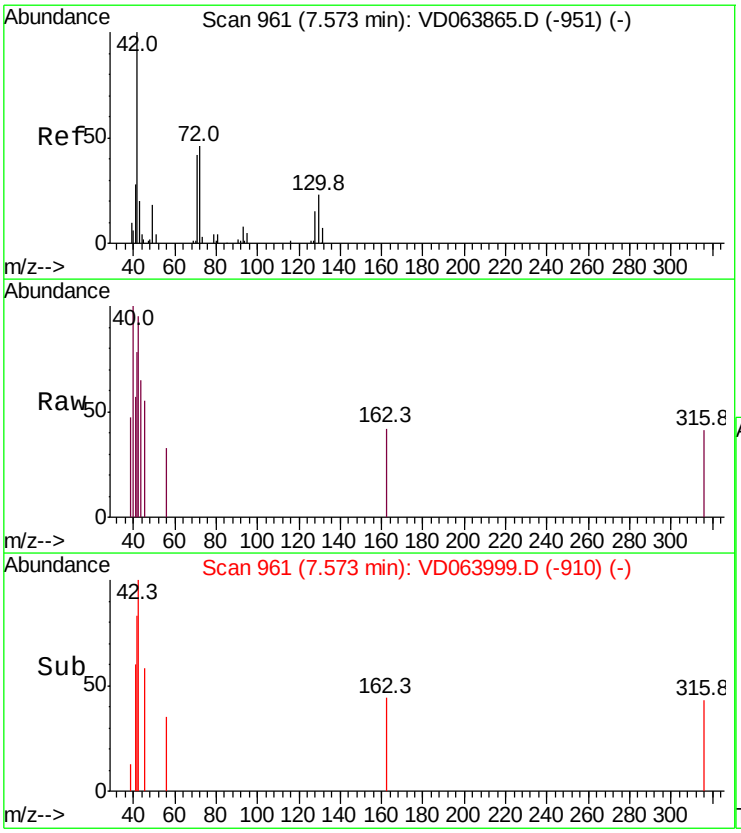
#28
Bromochloromethane
Concen: 1.921 ug/l
RT: 7.54 min Scan# 955
Delta R.T. -0.01 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 49 Resp: 67

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

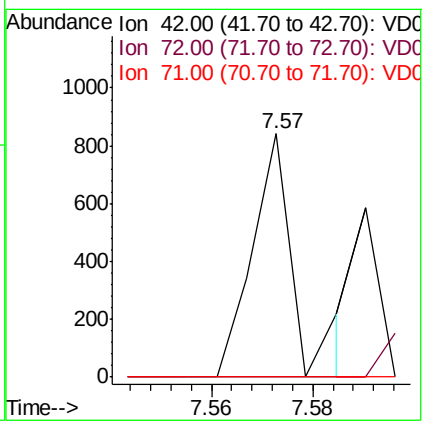


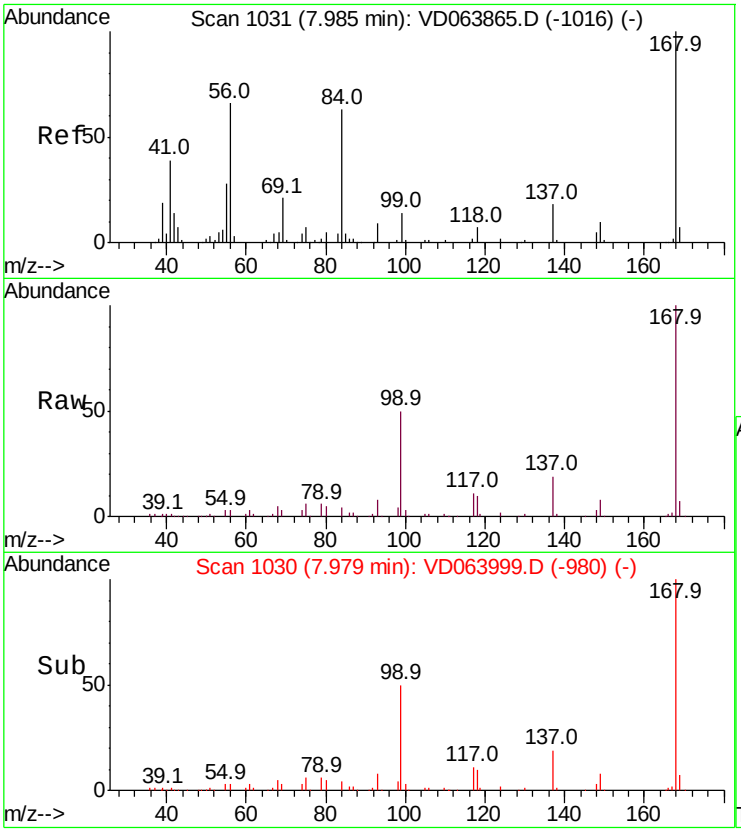


#29
Tetrahydrofuran
Concen: 1.651 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Tgt Ion: 42 Resp: 495

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



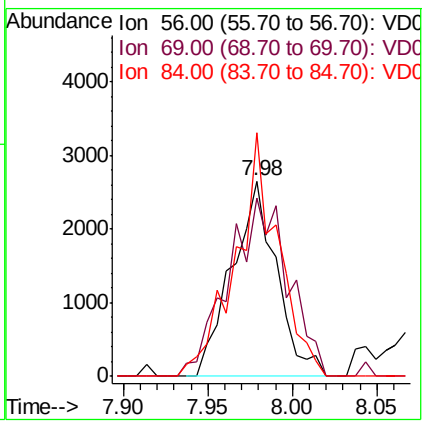


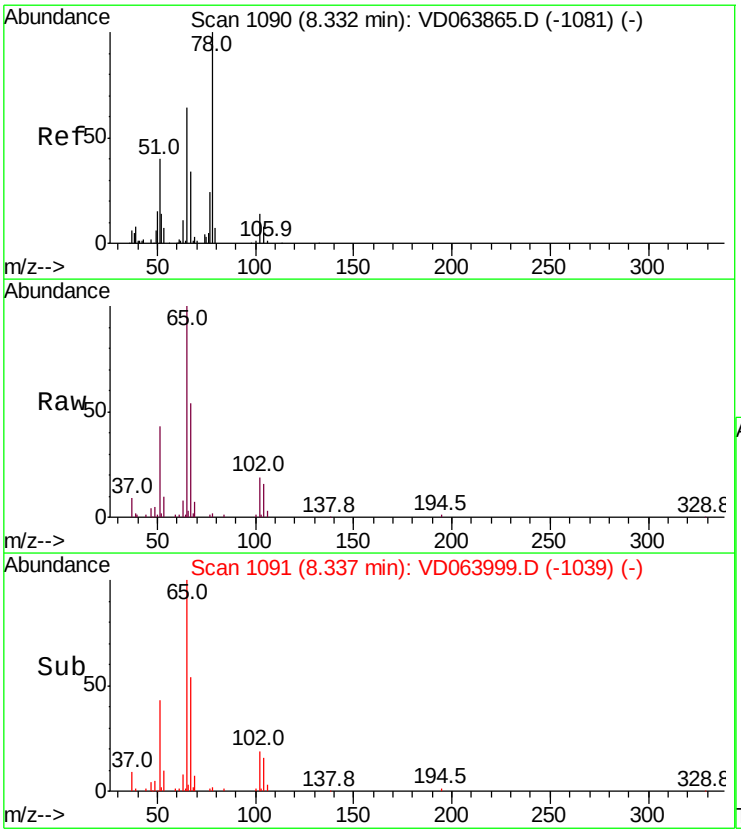
#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 4885

Ion	Ratio	Lower	Upper
56	100		
69	90.9	25.0	37.4#
84	124.5	76.3	114.5#

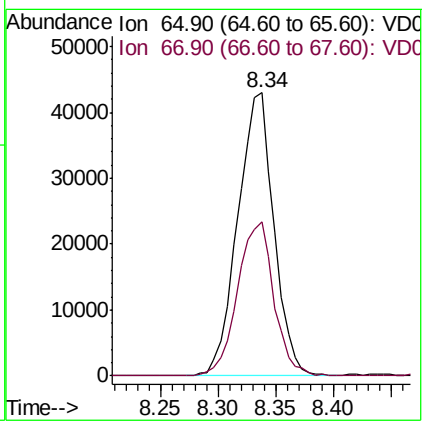


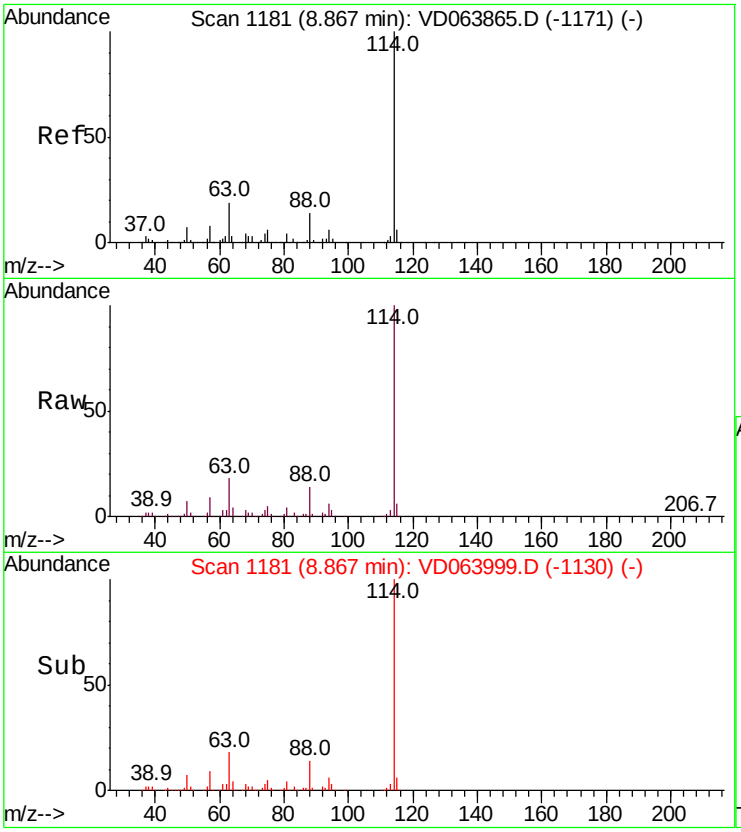


#33
1,2-Dichloroethane-d4
Concen: 56.077 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Tgt Ion: 65 Resp: 93365

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	106.4



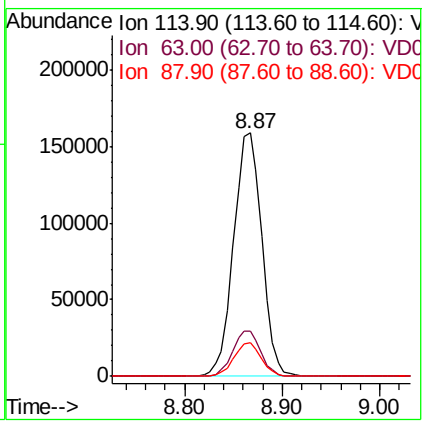


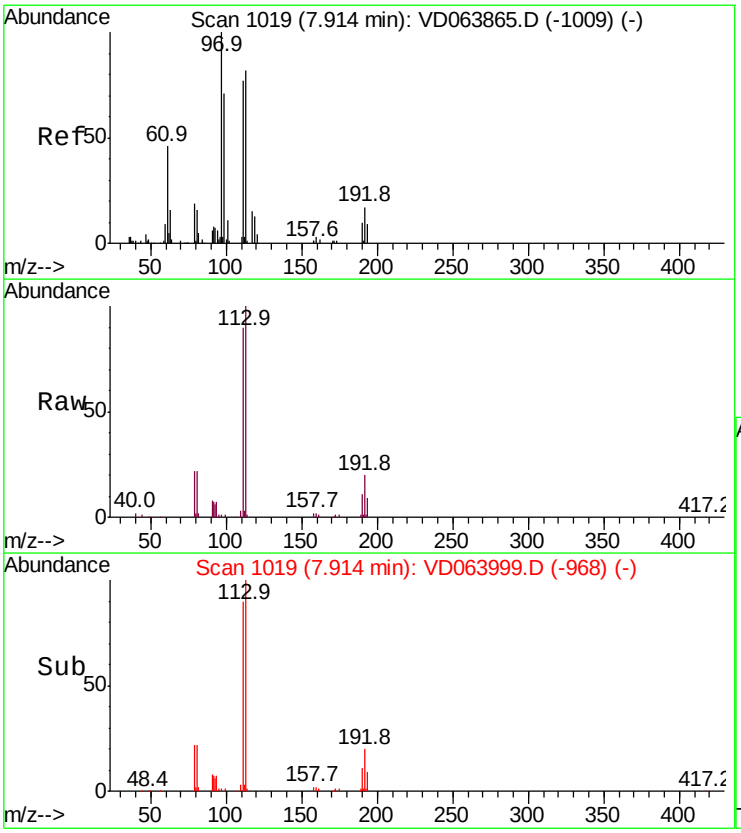
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 321016

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	38.4
88	14.1	0.0	27.4

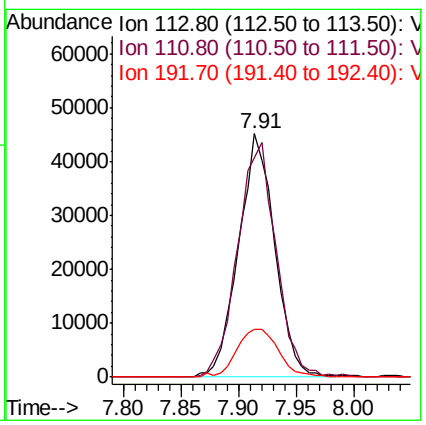


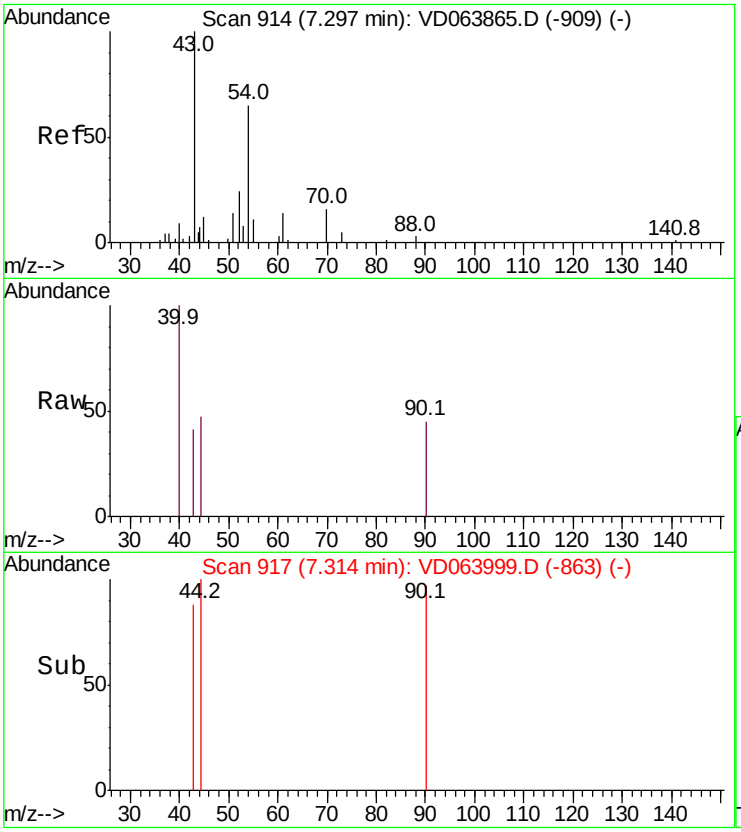


#35
Dibromofluoromethane
Concen: 50.334 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Tgt Ion:113 Resp: 98746

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	22.8	17.1	25.7



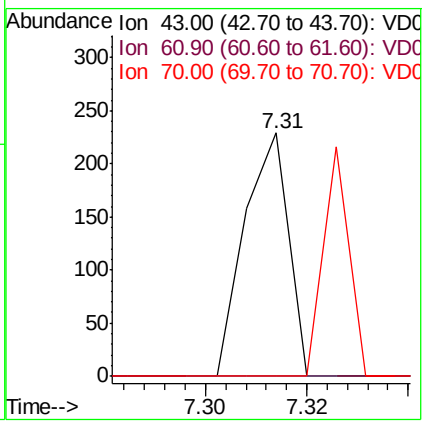


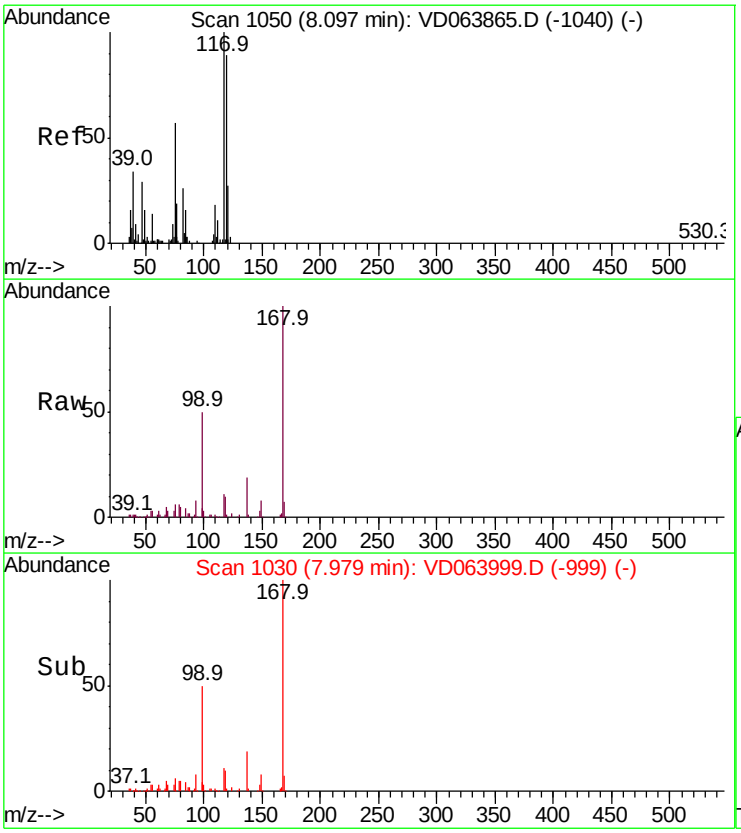
#37
Ethyl Acetate
Concen: Below Cal
RT: 7.31 min Scan# 917
Delta R.T. 0.02 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 137

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	55.5	8.2	12.4#

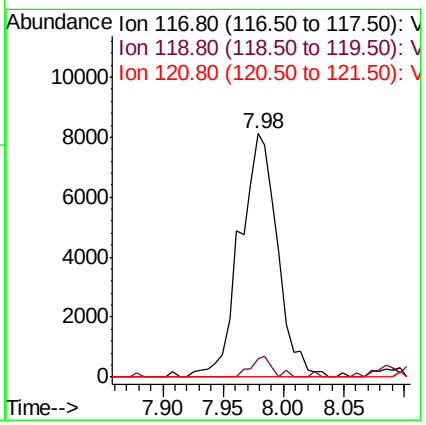


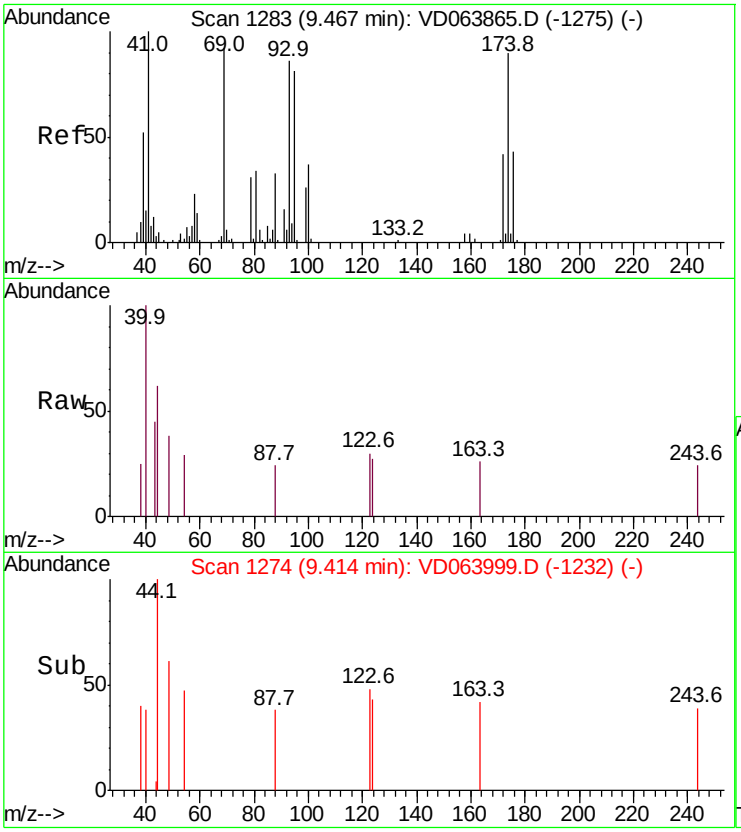


#38
Carbon Tetrachloride
Concen: 5.934 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Tgt Ion:117 Resp: 17600

Ion	Ratio	Lower	Upper
117	100		
119	7.3	70.8	106.2#
121	0.0	21.4	32.0#



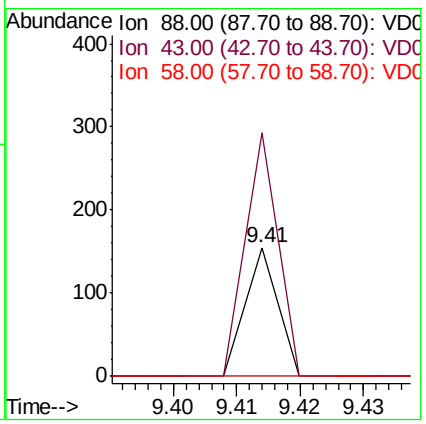


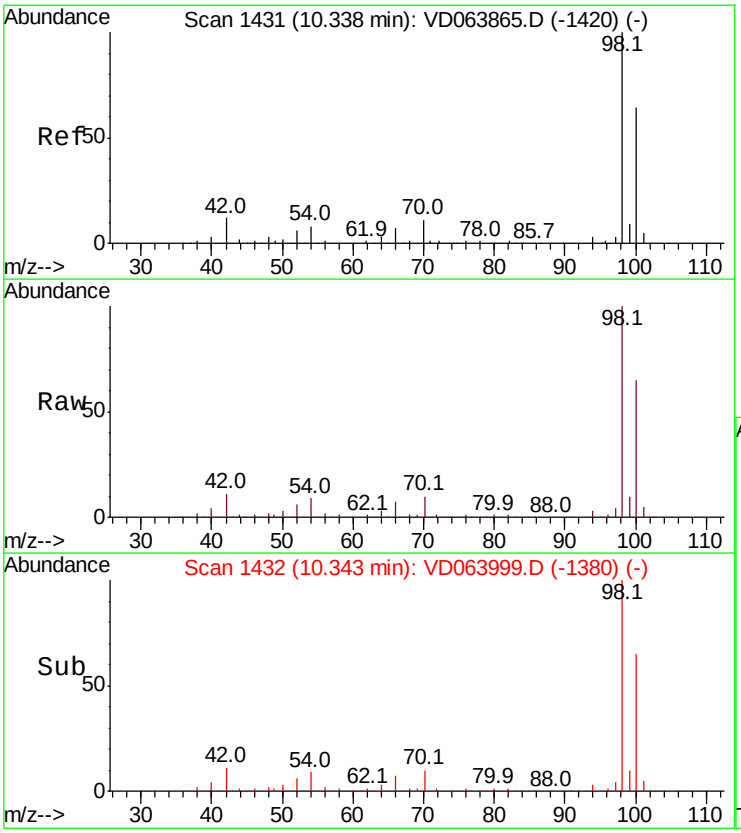
#49
1,4-Dioxane
Concen: 3.437 ug/l
RT: 9.41 min Scan# 1274
Delta R.T. -0.05 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 88 Resp: 55

Ion	Ratio	Lower	Upper
88	100		
43	187.3	27.6	41.4#
58	0.0	54.1	81.1#

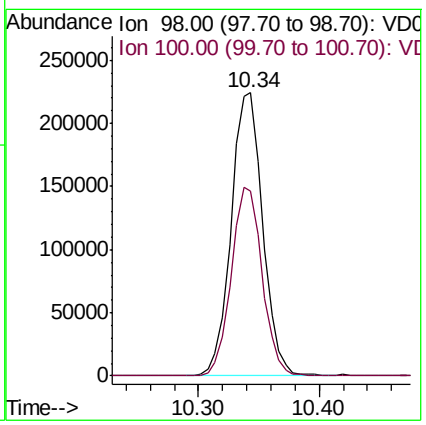


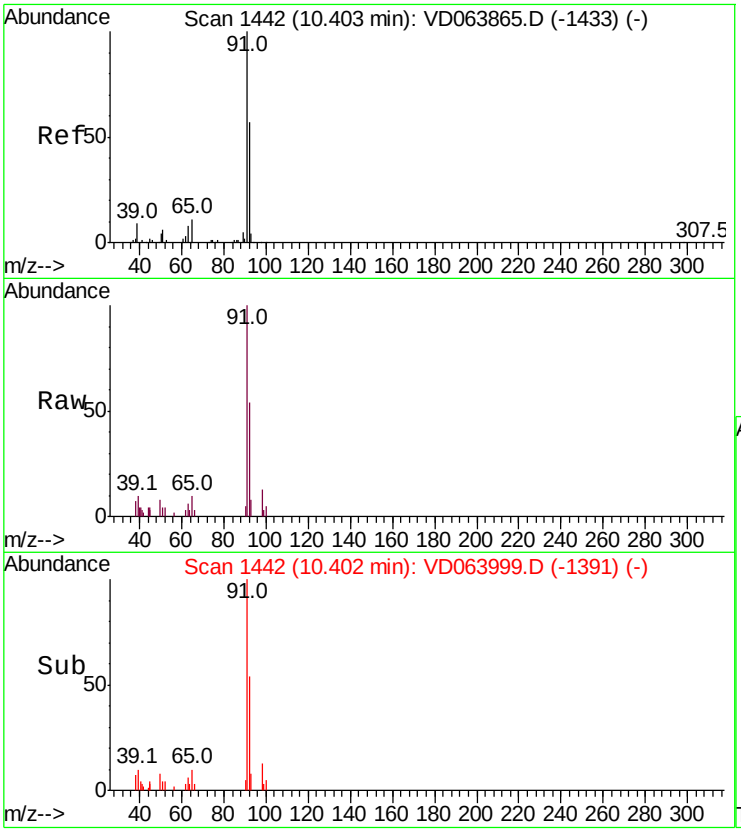


#50
Toluene-d8
Concen: 51.275 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Tgt Ion: 98 Resp: 408288

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.1	78.1



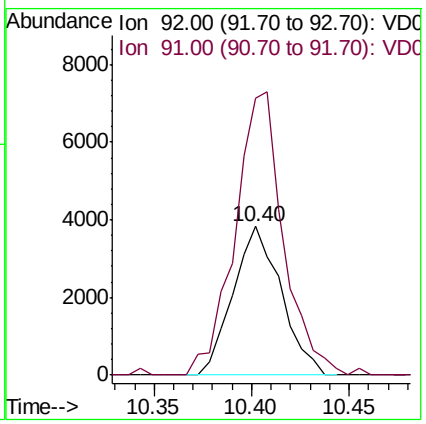


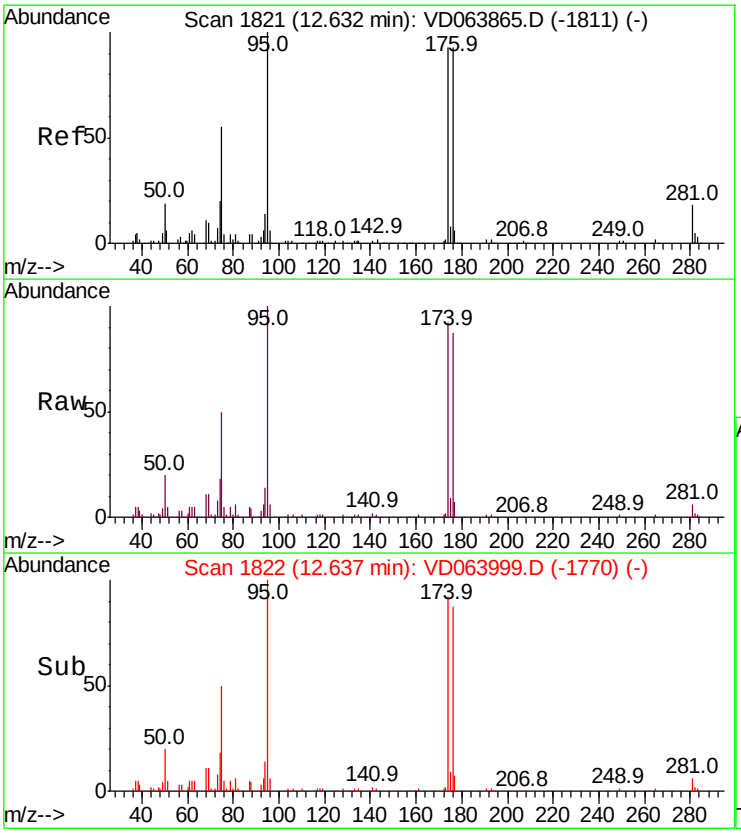
#52
Toluene
Concen: 1.129 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 92 Resp: 6519

Ion	Ratio	Lower	Upper
92	100		
91	193.2	139.5	209.3

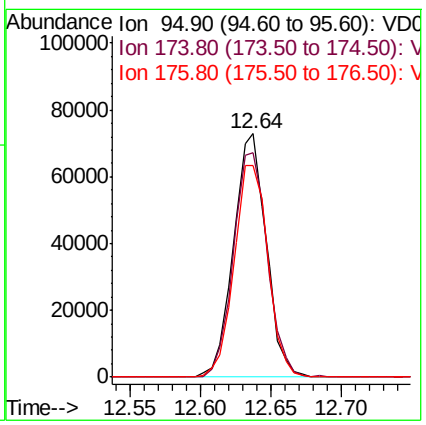


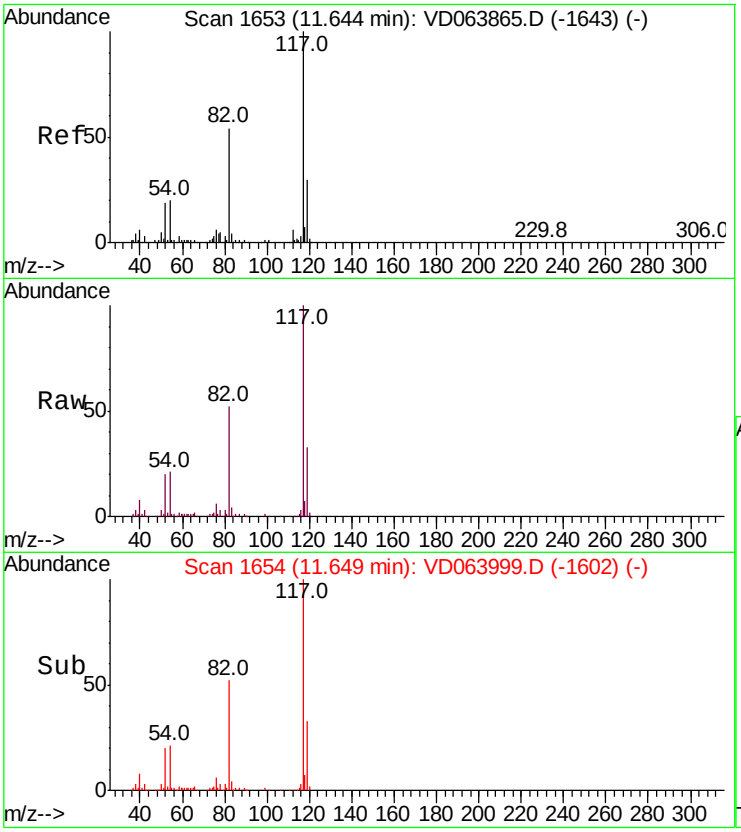


#62
4-Bromofluorobenzene
Concen: 42.706 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Tgt Ion: 95 Resp: 118170

Ion	Ratio	Lower	Upper
95	100		
174	95.6	0.0	186.4
176	89.9	0.0	184.2



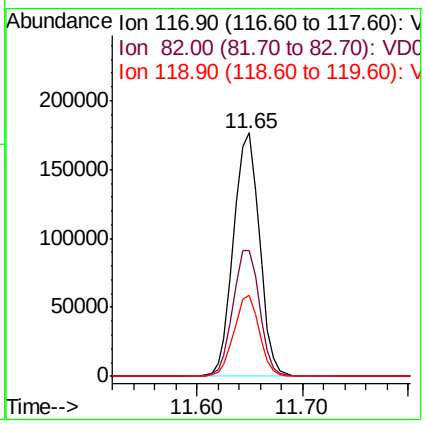


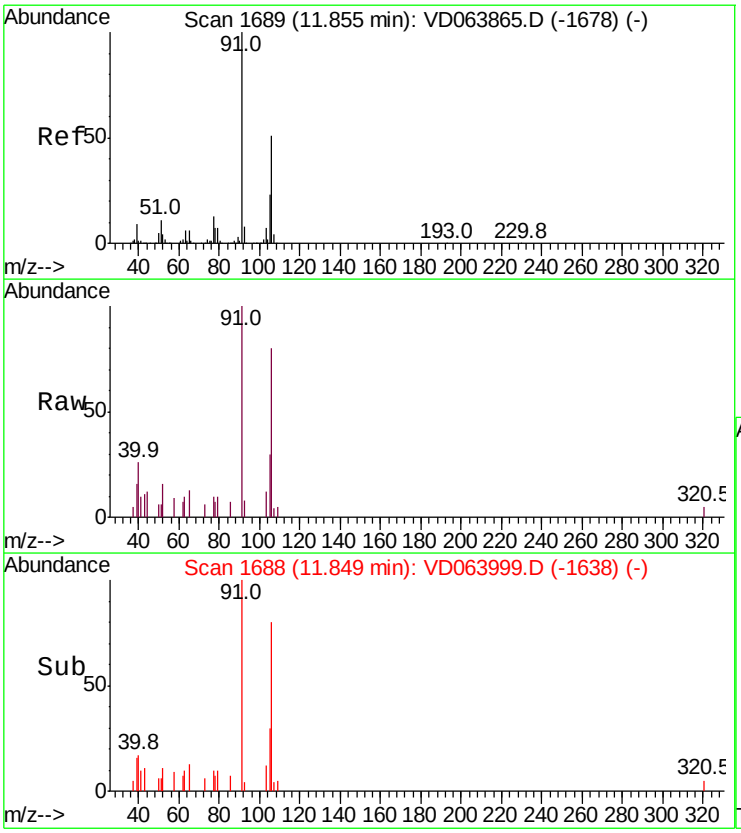
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 301124

Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.8	64.2
119	33.1	24.4	36.6

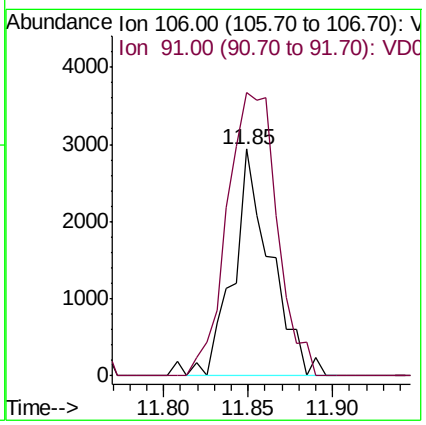


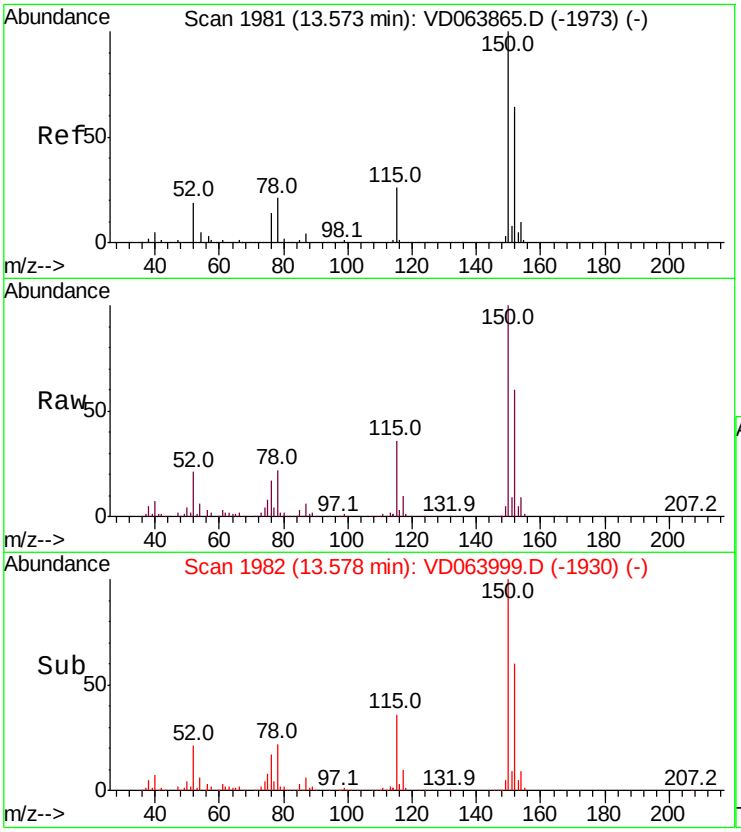


#68
m/p-Xylenes
Concen: 1.068 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Tgt Ion:106 Resp: 4497

Ion	Ratio	Lower	Upper
106	100		
91	168.5	154.8	232.2



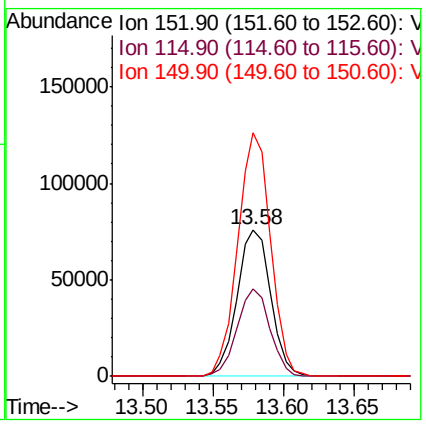


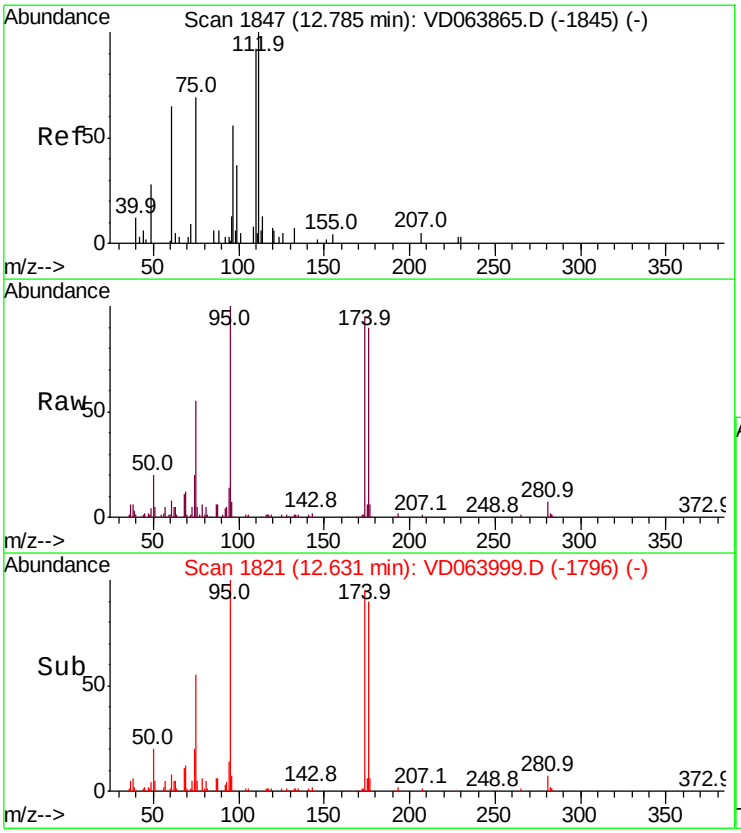
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 127213

Ion	Ratio	Lower	Upper
152	100		
115	58.0	25.9	77.7
150	161.7	0.0	344.2

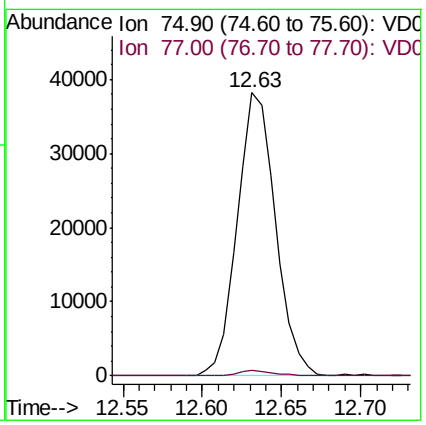


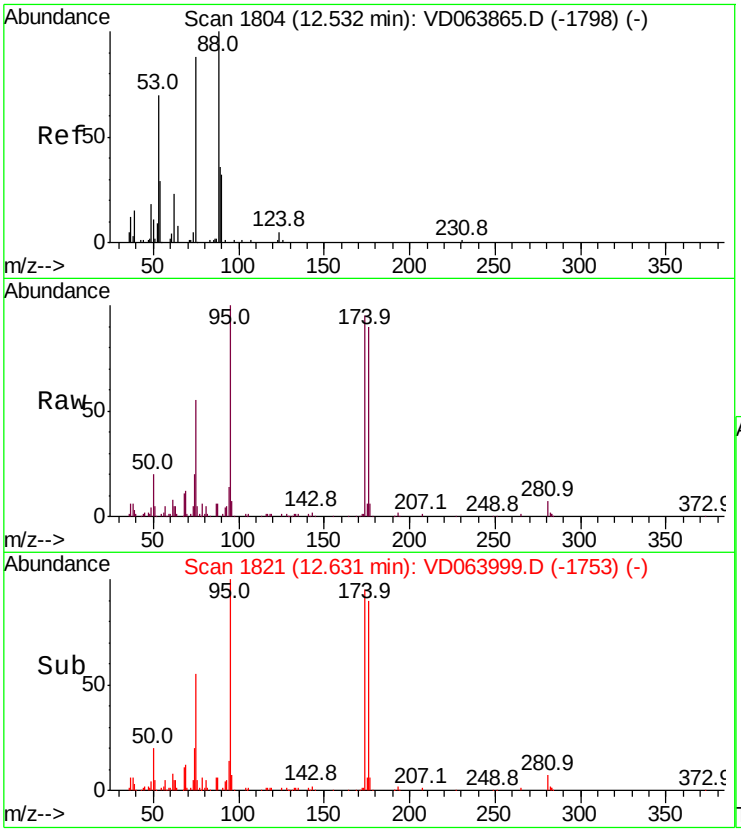


#76
1,2,3-Trichloropropane
Concen: 75.229 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Tgt Ion: 75 Resp: 64098

Ion	Ratio	Lower	Upper
75	100		
77	1.8	0.0	0.0#



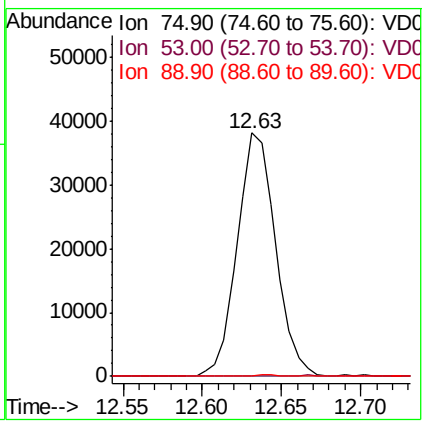


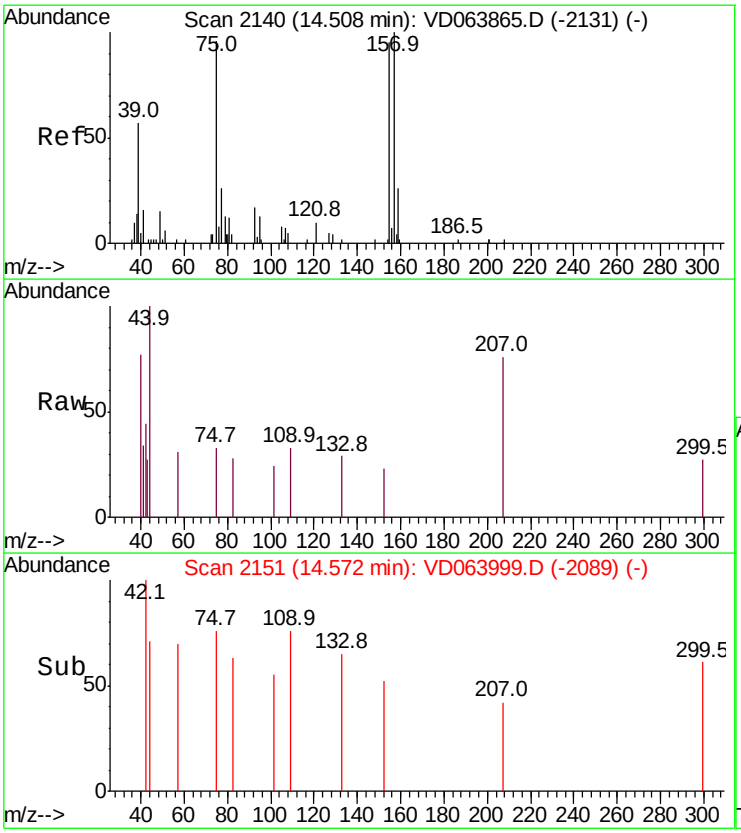
#81
trans-1,4-Dichloro-2-butene
Concen: 133.125 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 64098

Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.0	112.6#
89	0.2	38.2	57.4#





#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.57 min Scan# 2151
Delta R.T. 0.06 min
Lab File: VD063999.D
Acq: 17 Oct 2019 15:17

Tgt Ion: 75 Resp: 80

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