Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111219\
Data File : VD064204.D
Acq On : 12 Nov 2019 19:00
Operator : VA/SY
Sample : K5777-02RE
Misc : 7.11G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Nov 13 04:13:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	563298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	835609	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	913414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	498947	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	262582	56.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.36%			
35) Dibromofluoromethane	7.92	113	255599	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.58%			
50) Toluene-d8	10.34	98	1002202	55.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.78%			
62) 4-Bromofluorobenzene	12.64	95	436532	69.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 139.32%			
Target Compounds						Qvalue
10) Methyl Iodide	4.30	142	283	2.079	ug/l #	41
13) Acrolein	3.92	56	503	1.838	ug/l	92
16) Acetone	4.17	43	78312	71.354	ug/l	94
17) Carbon Disulfide	4.41	76	29787	2.021	ug/l	96
25) 2-Butanone	7.23	43	28468	20.077	ug/l	98
31) Cyclohexane	7.98	56	12905	1.419	ug/l #	25
36) 1,1-Dichloropropene	7.98	75	37201	4.824	ug/l #	50
37) Ethyl Acetate	7.23	43	28468	8.756	ug/l #	72
38) Carbon Tetrachloride	7.98	117	51968	6.298	ug/l #	16
49) 1,4-Dioxane	9.38	88	71	2.153	ug/l #	1
59) 2-Hexanone	10.96	43	2630	1.151	ug/l #	26
76) 1,2,3-Trichloropropane	12.64	75	228411	56.835	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	228411	112.896	ug/l #	10
95) Naphthalene	15.41	128	22798	1.290	ug/l #	92

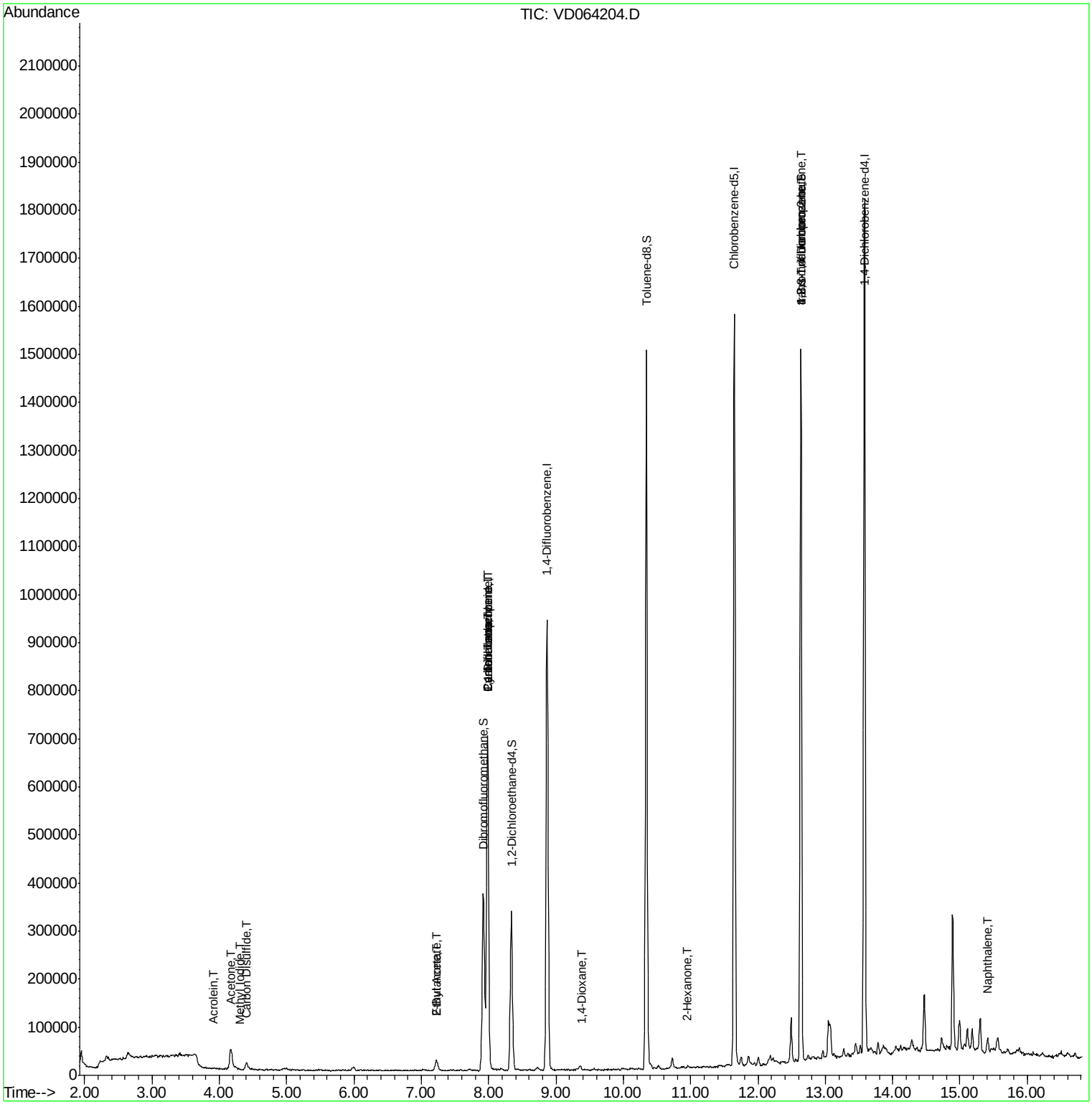
(#) = qualifier out of range (m) = manual integration (+) = signals summed

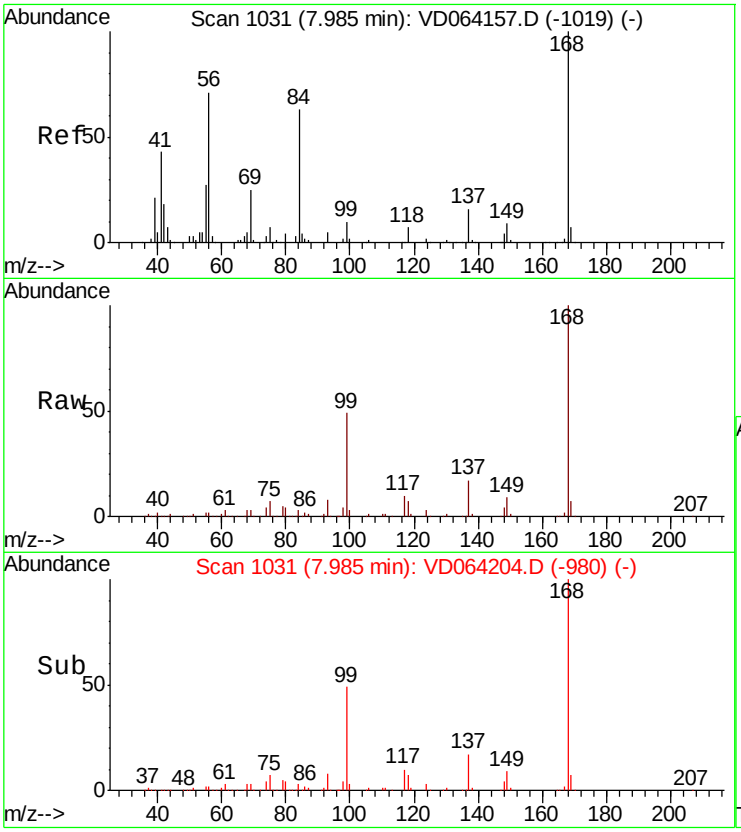
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111219\
Data File : VD064204.D
Acq On : 12 Nov 2019 19:00
Operator : VA/SY
Sample : K5777-02RE
Misc : 7.11G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 13 04:13:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration



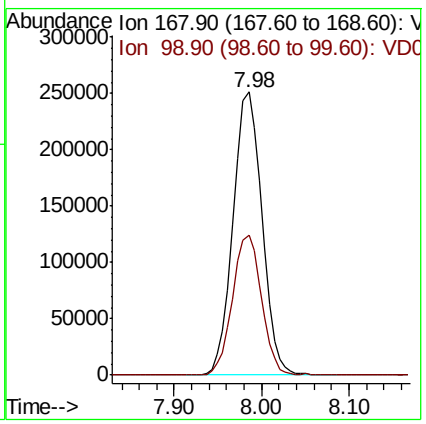


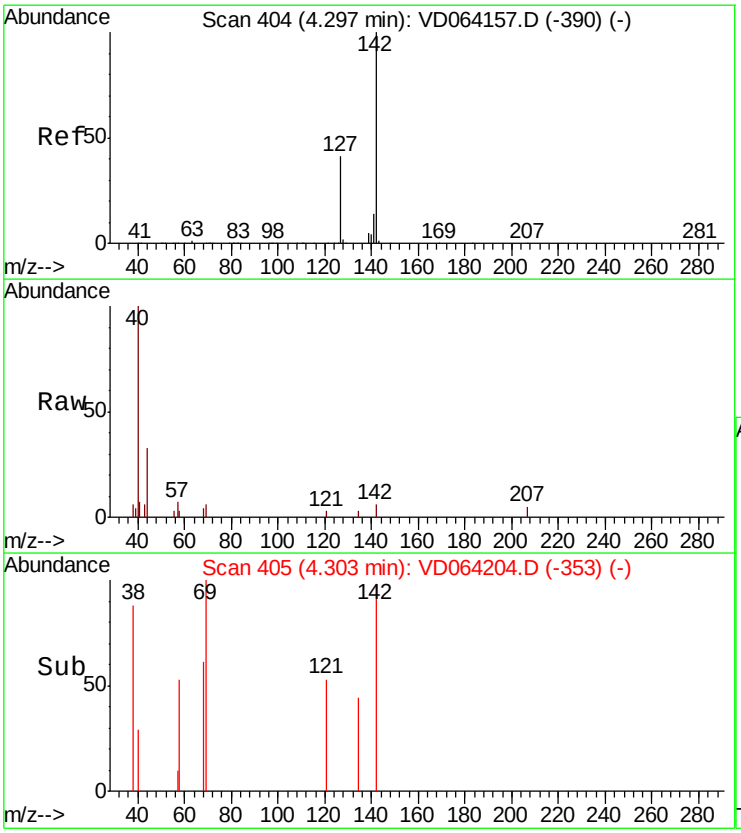
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064204.D
Acq: 12 Nov 2019 19:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 563298

Ion	Ratio	Lower	Upper
168	100		
99	49.1	41.6	62.4

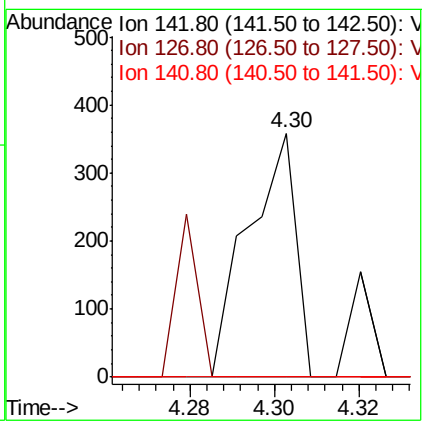


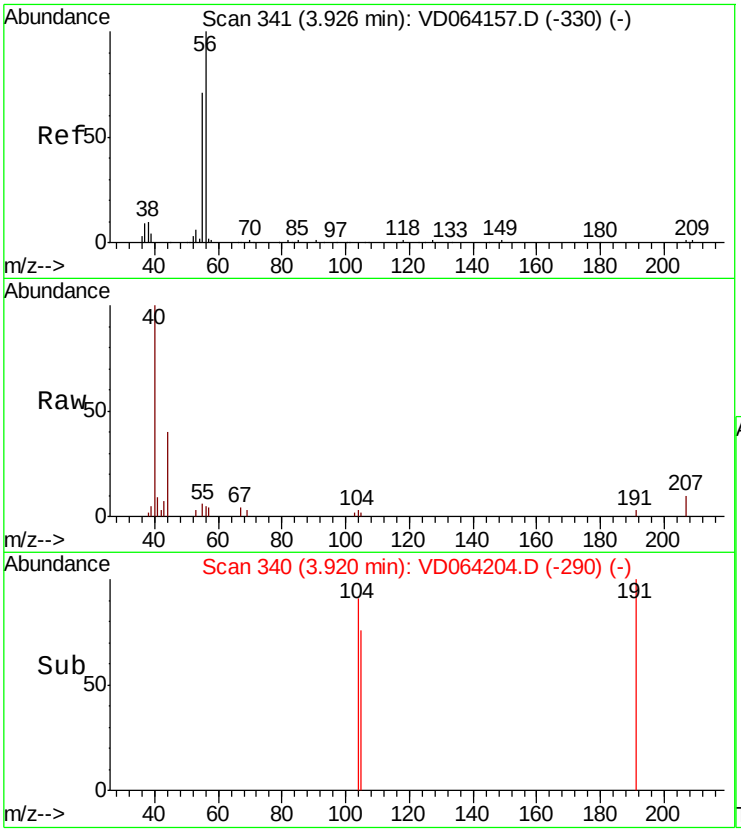


#10
Methyl Iodide
Concen: 2.079 ug/l
RT: 4.30 min Scan# 405
Delta R.T. 0.01 min
Lab File: VD064204.D
Acq: 12 Nov 2019 19:00

Tgt Ion:142 Resp: 283

Ion	Ratio	Lower	Upper
142	100		
127	0.0	34.4	51.6#
141	0.0	11.2	16.8#



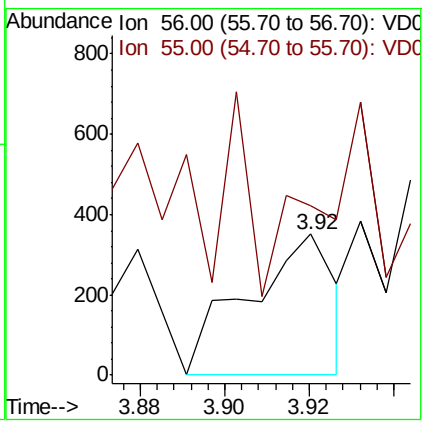


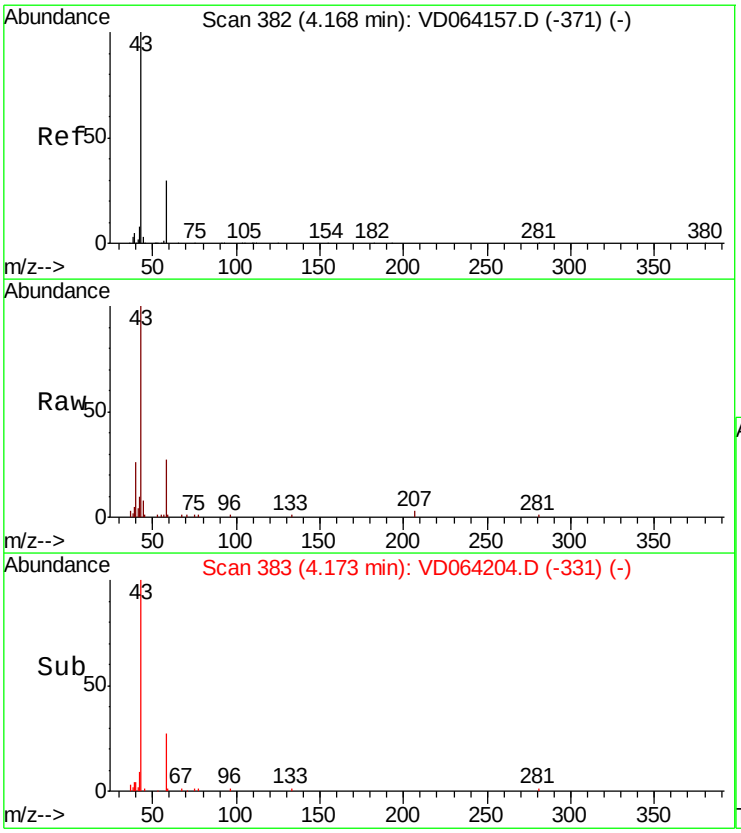
#13
Acrolein
Concen: 1.838 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD064204.D
Acq: 12 Nov 2019 19:00

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 503

Ion	Ratio	Lower	Upper
56	100		
55	63.2	56.1	84.1

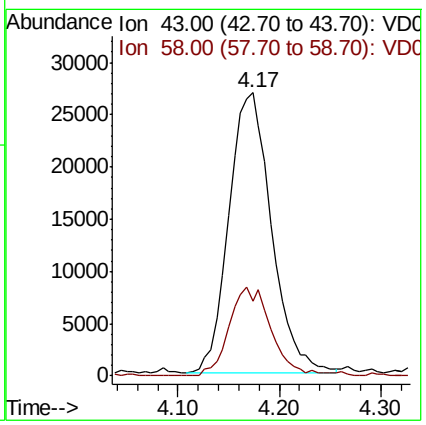


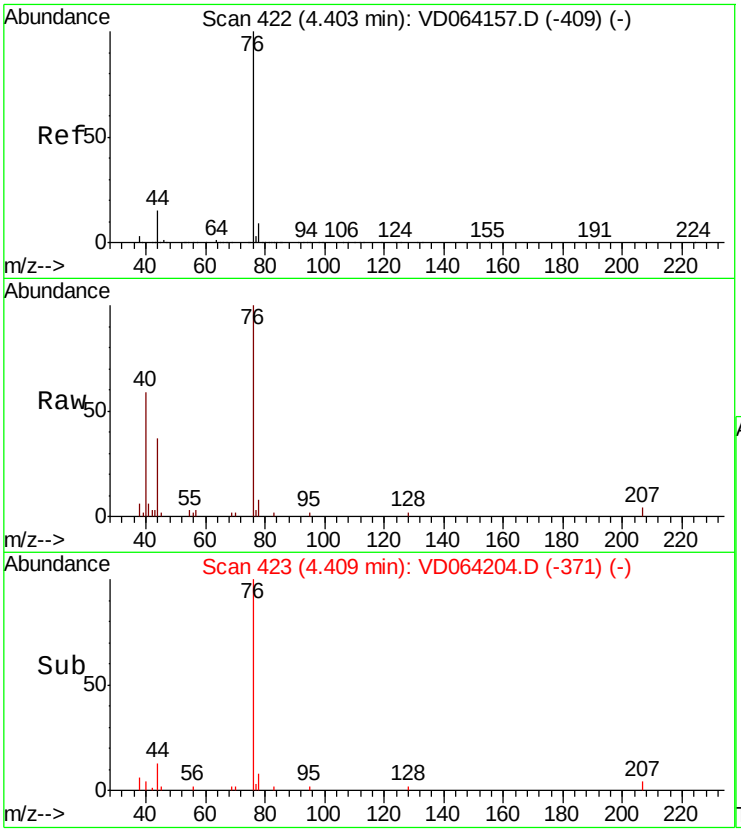


#16
Acetone
Concen: 71.354 ug/l
RT: 4.17 min Scan# 383
Delta R.T. 0.01 min
Lab File: VD064204.D
Acq: 12 Nov 2019 19:00

Tgt Ion: 43 Resp: 78312

Ion	Ratio	Lower	Upper
43	100		
58	26.9	24.1	36.1



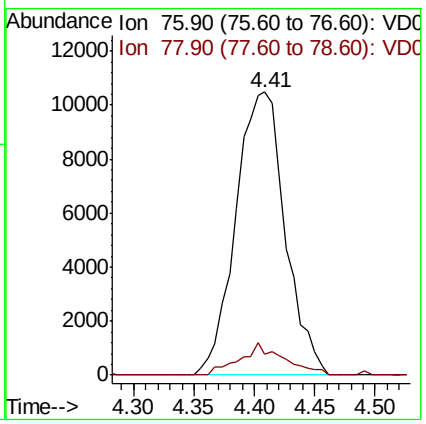


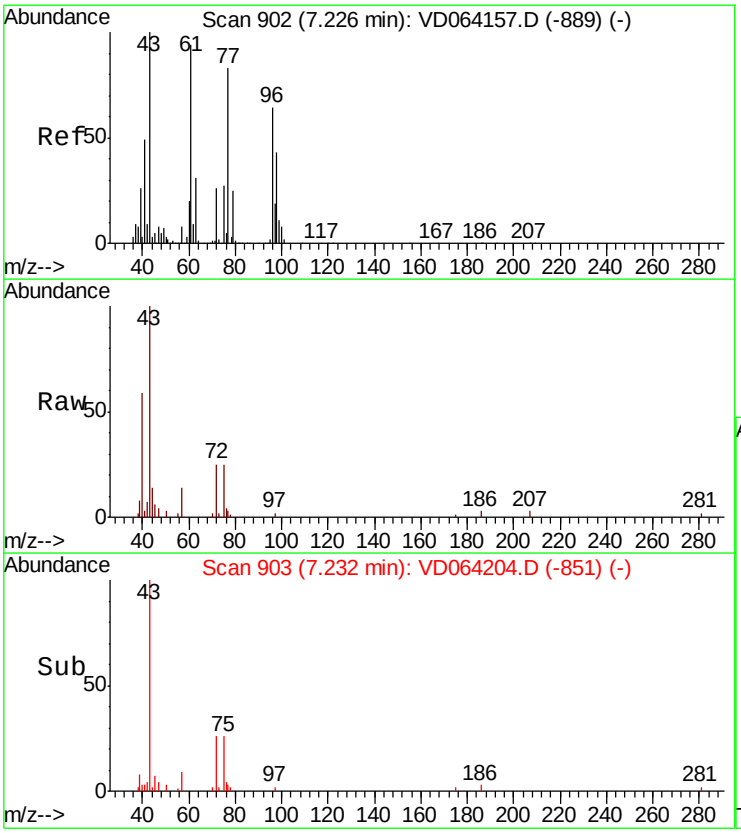
#17
Carbon Disulfide
Concen: 2.021 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.01 min
Lab File: VD064204.D
Acq: 12 Nov 2019 19:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 76 Resp: 29787

Ion	Ratio	Lower	Upper
76	100		
78	7.5	7.2	10.8

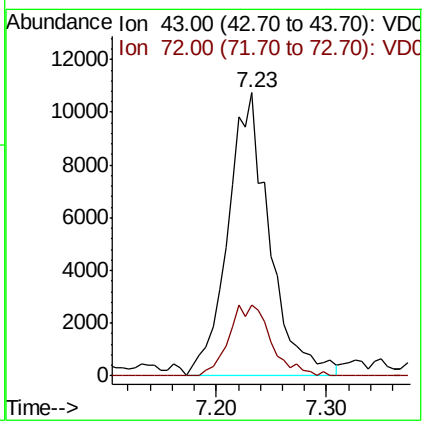


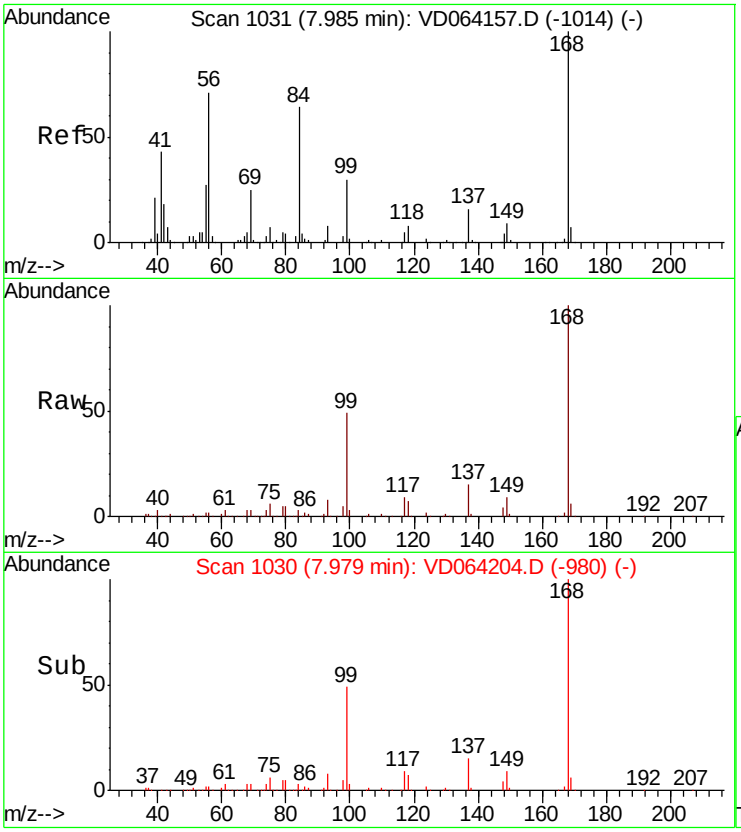


#25
2-Butanone
Concen: 20.077 ug/l
RT: 7.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD064204.D
Acq: 12 Nov 2019 19:00

Tgt Ion: 43 Resp: 28468

Ion	Ratio	Lower	Upper
43	100		
72	24.9	20.6	30.8



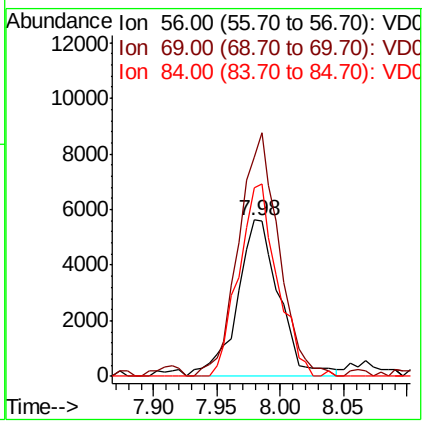


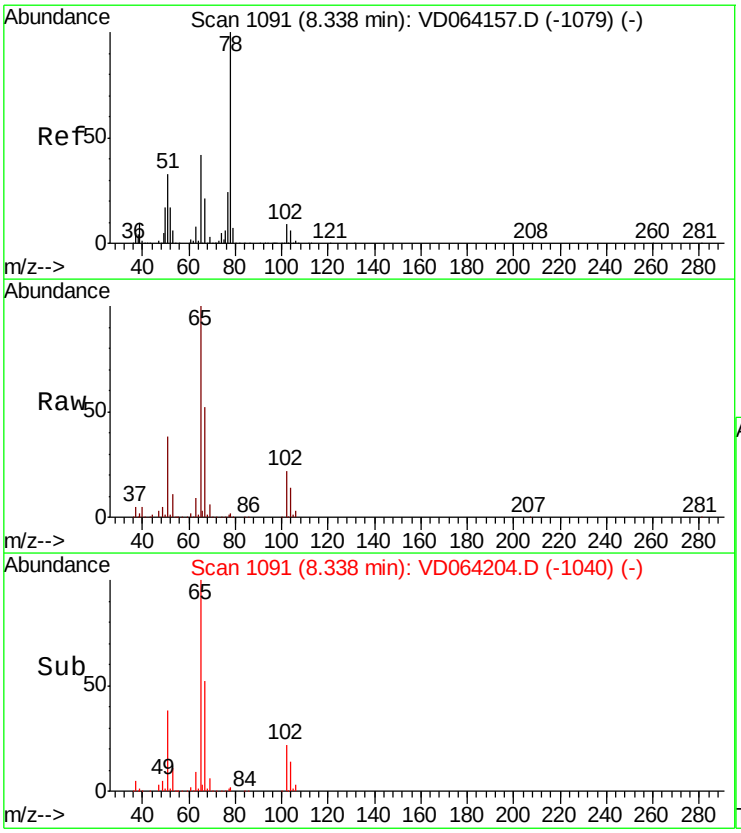
#31
Cyclohexane
Concen: 1.419 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064204.D
Acq: 12 Nov 2019 19:00

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 12905

Ion	Ratio	Lower	Upper
56	100		
69	140.2	28.2	42.4#
84	121.0	71.8	107.6#

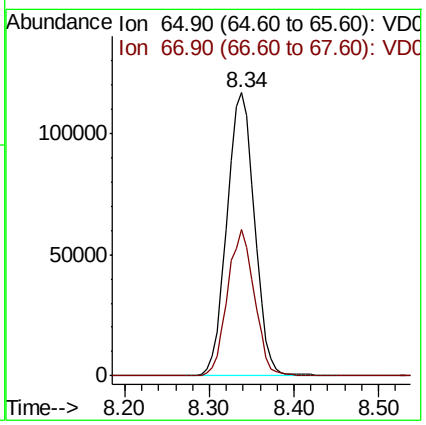


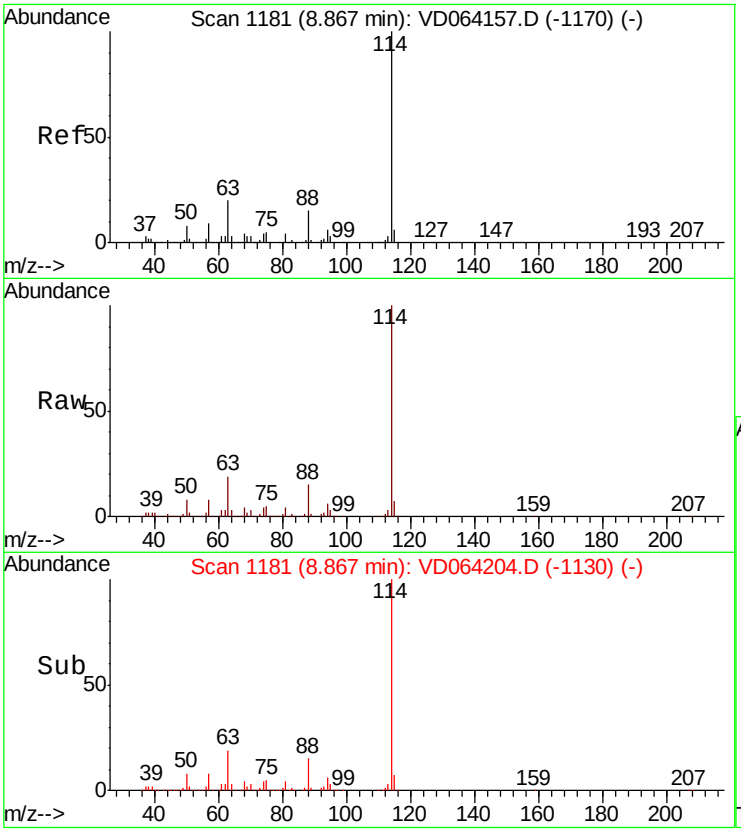


#33
1,2-Dichloroethane-d4
Concen: 56.679 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064204.D
Acq: 12 Nov 2019 19:00

Tgt Ion: 65 Resp: 262582

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	104.4



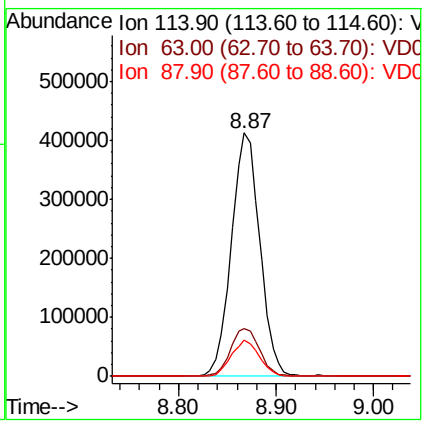


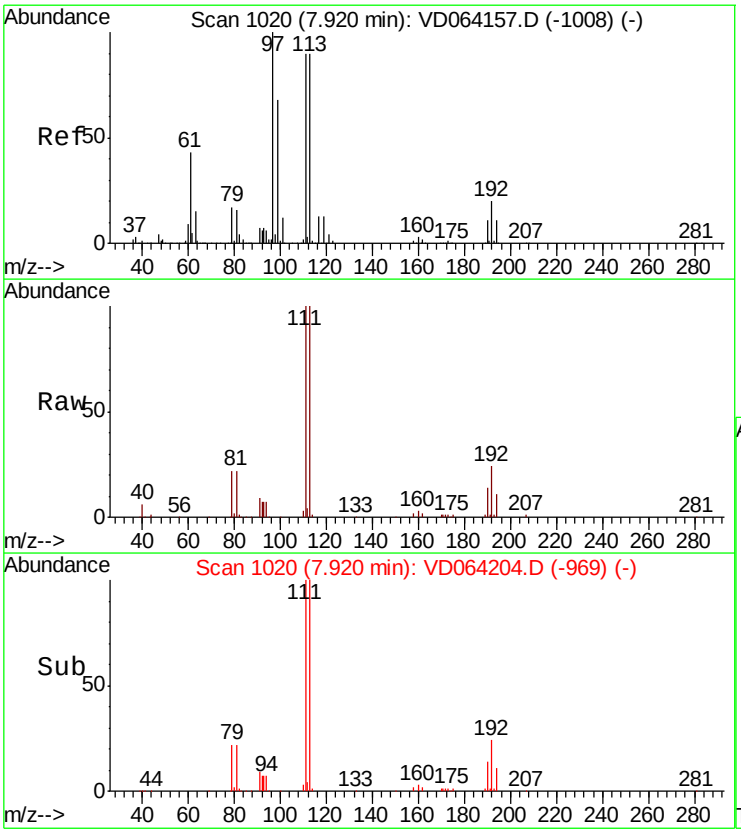
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064204.D
Acq: 12 Nov 2019 19:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 835609

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	40.0
88	15.1	0.0	30.2

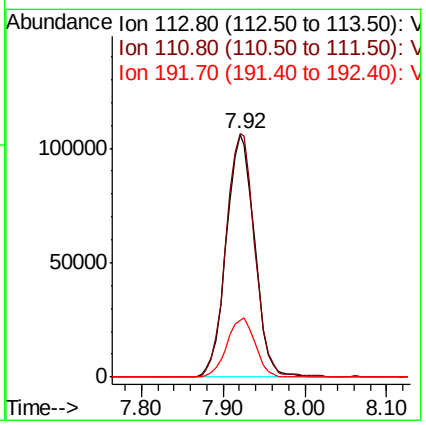


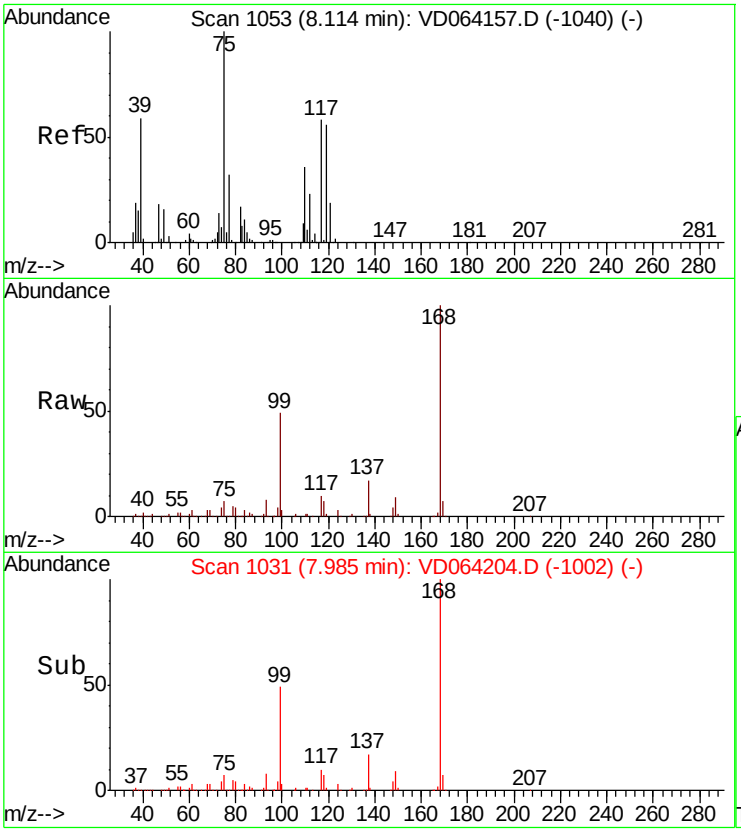


#35
Dibromofluoromethane
Concen: 53.288 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064204.D
Acq: 12 Nov 2019 19:00

Tgt Ion:113 Resp: 255599

Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.5	122.3
192	24.2	18.8	28.2



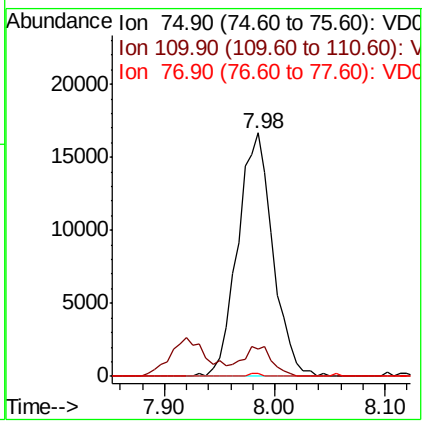


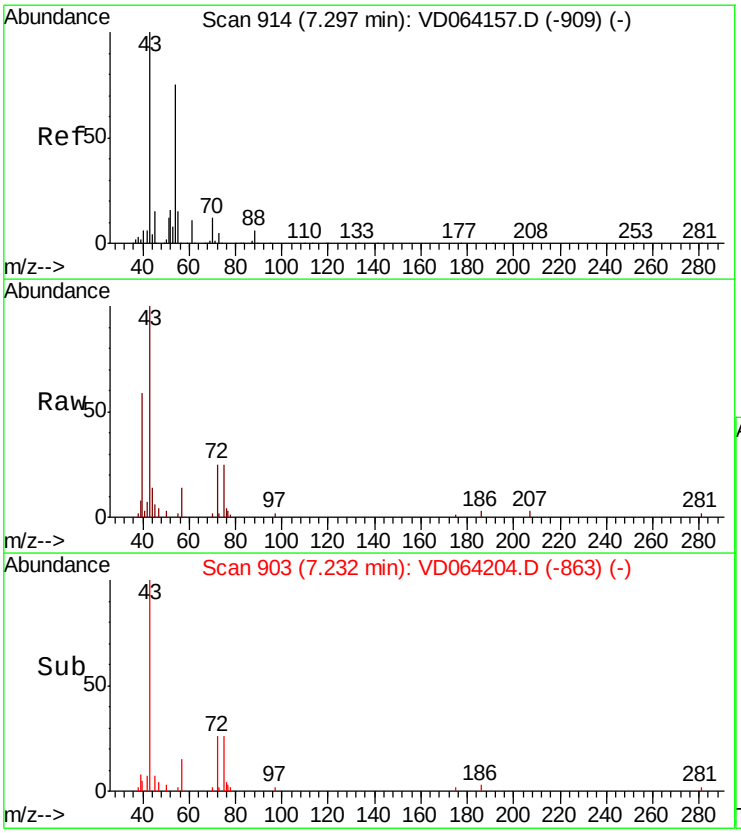
#36
1,1-Dichloropropene
Concen: 4.824 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.13 min
Lab File: VD064204.D
Acq: 12 Nov 2019 19:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 37201

Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.3	54.9#
77	0.3	25.0	37.6#

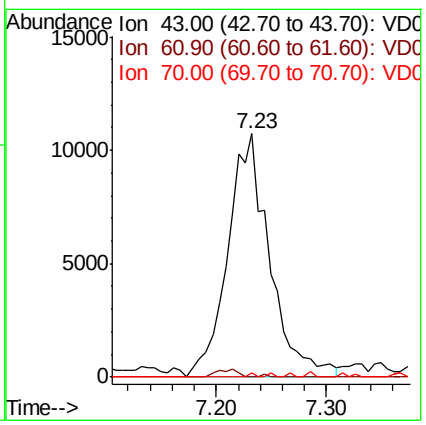


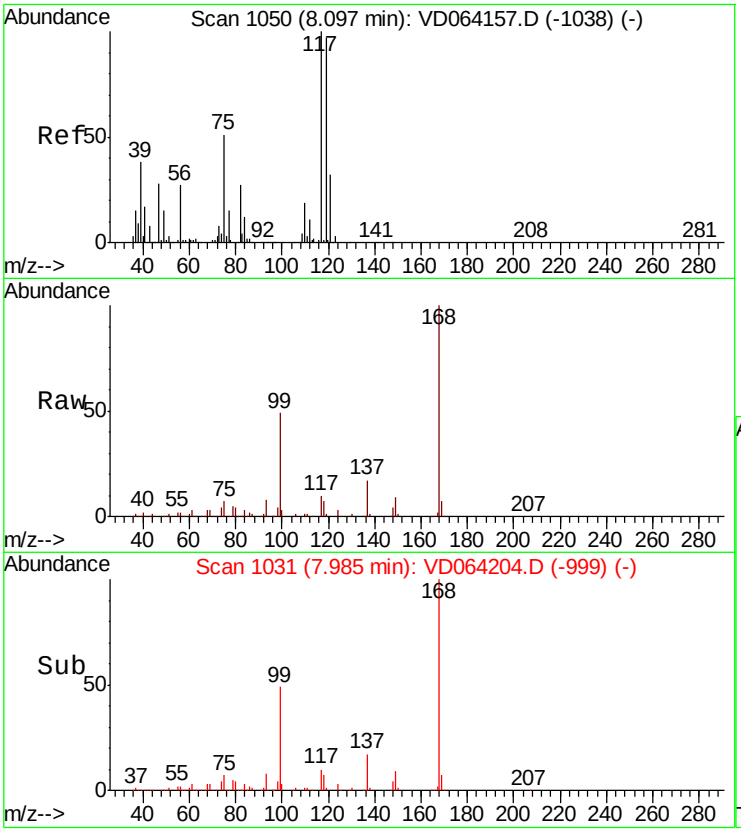


#37
Ethyl Acetate
Concen: 8.756 ug/l
RT: 7.23 min Scan# 903
Delta R.T. -0.06 min
Lab File: VD064204.D
Acq: 12 Nov 2019 19:00

Tgt Ion: 43 Resp: 28468

Ion	Ratio	Lower	Upper
43	100		
61	1.6	10.2	15.2#
70	0.2	8.5	12.7#



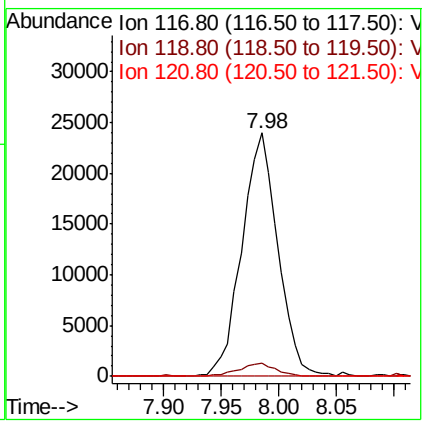


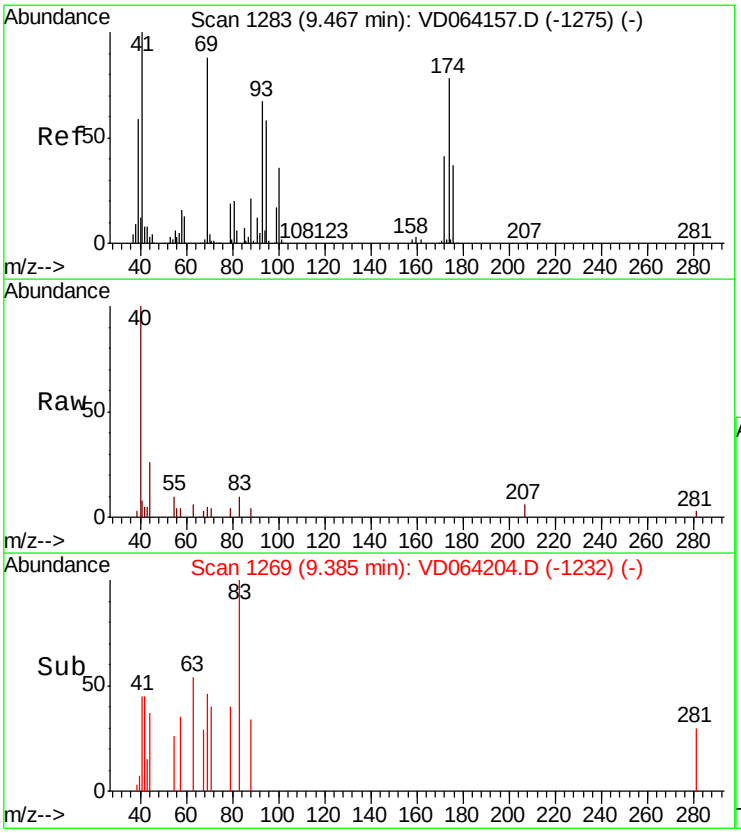
#38
Carbon Tetrachloride
Concen: 6.298 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064204.D
Acq: 12 Nov 2019 19:00

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 51968

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.2	115.8#
121	0.0	25.5	38.3#

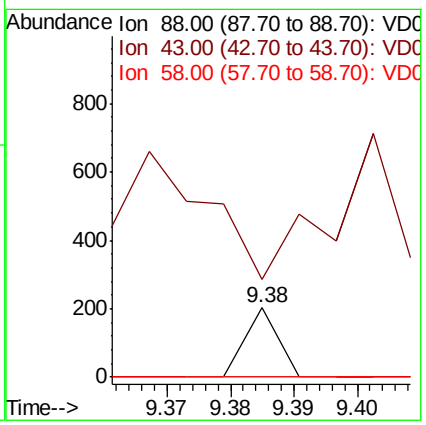


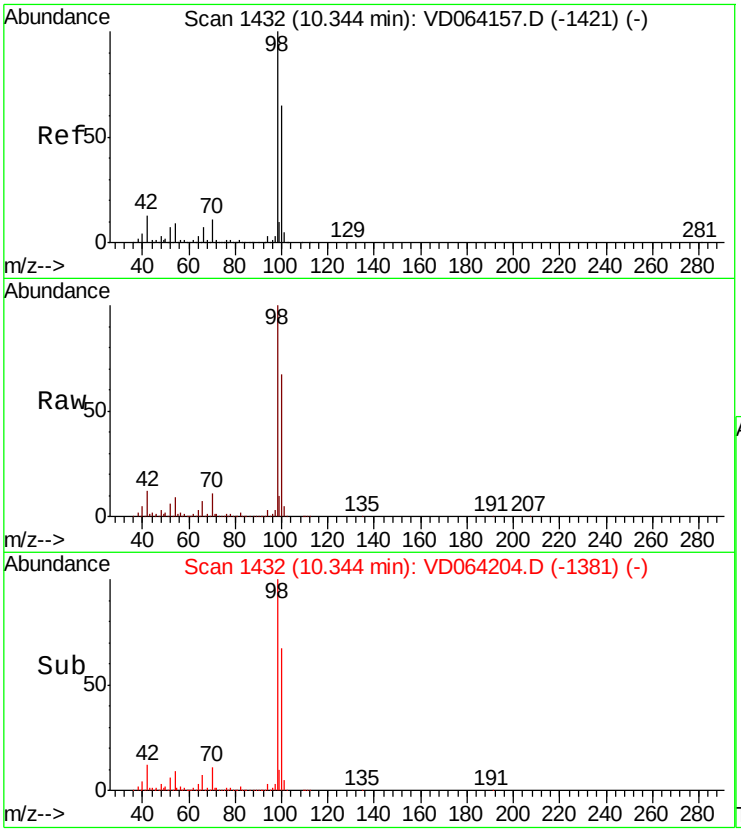


#49
1,4-Dioxane
Concen: 2.153 ug/l
RT: 9.38 min Scan# 1269
Delta R.T. -0.08 min
Lab File: VD064204.D
Acq: 12 Nov 2019 19:00

Tgt Ion: 88 Resp: 71

Ion	Ratio	Lower	Upper
88	100		
43	408.5	29.8	44.8#
58	0.0	58.1	87.1#



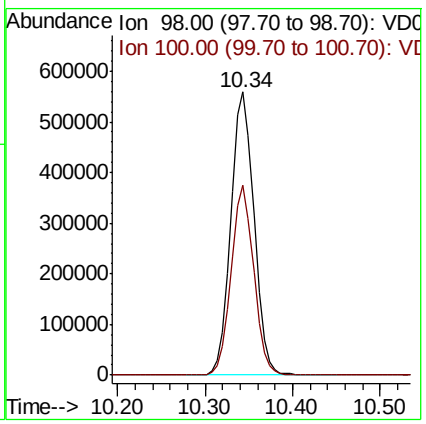


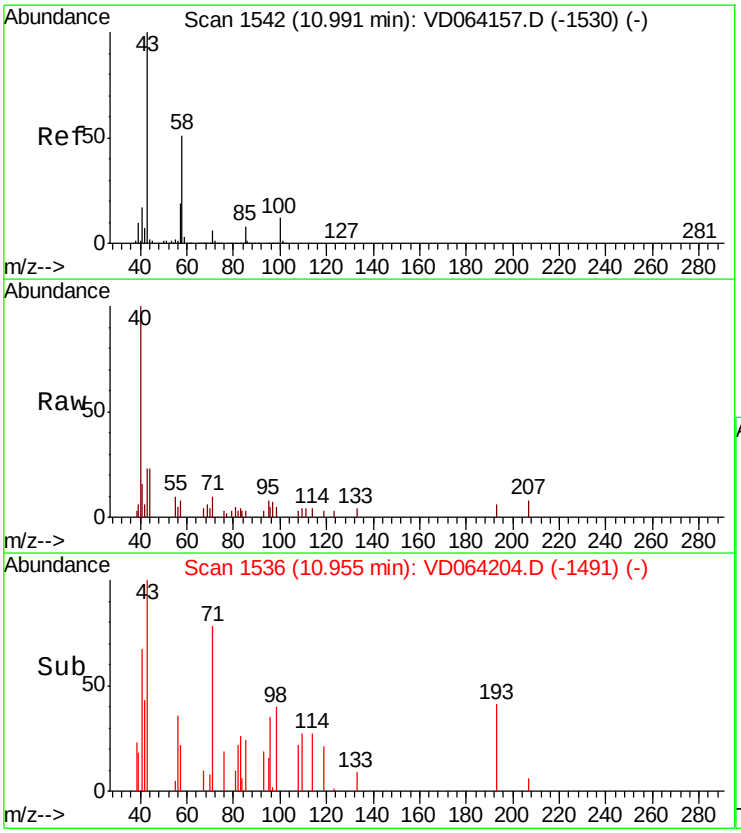
#50
Toluene-d8
Concen: 55.387 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064204.D
Acq: 12 Nov 2019 19:00

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 1002202

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.6	78.8

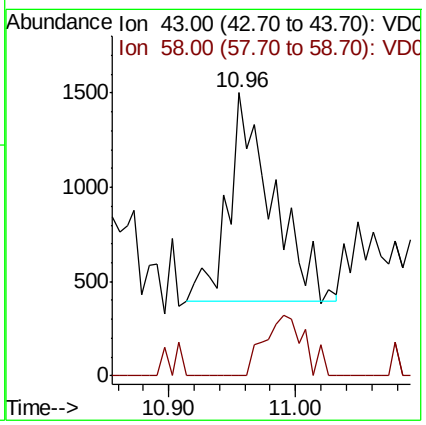


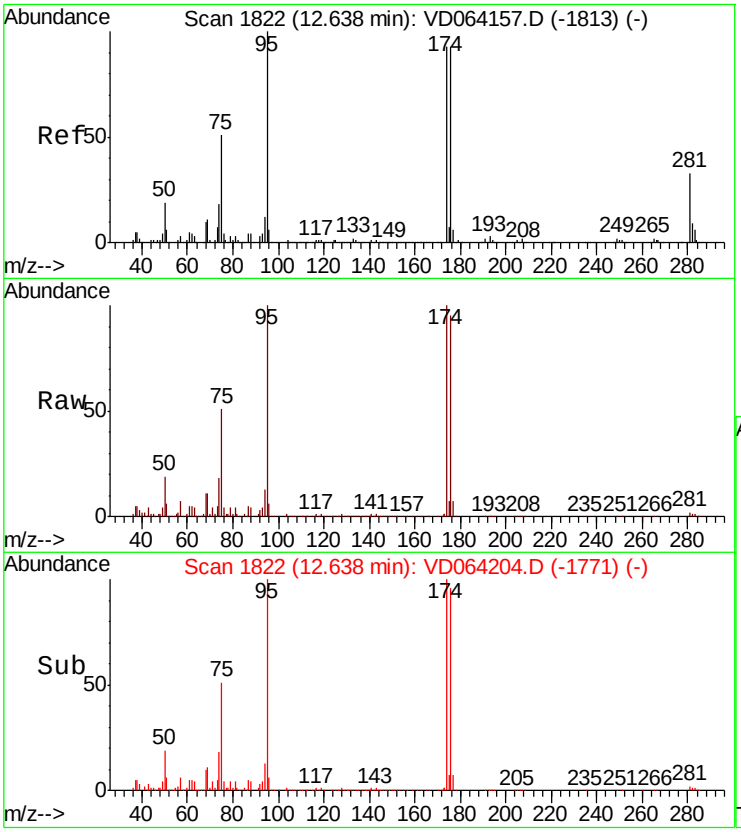


#59
2-Hexanone
Concen: 1.151 ug/l
RT: 10.96 min Scan# 1536
Delta R.T. -0.04 min
Lab File: VD064204.D
Acq: 12 Nov 2019 19:00

Tgt Ion: 43 Resp: 2630

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.9	77.7#



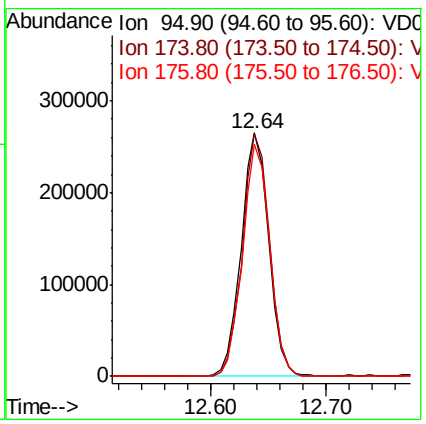


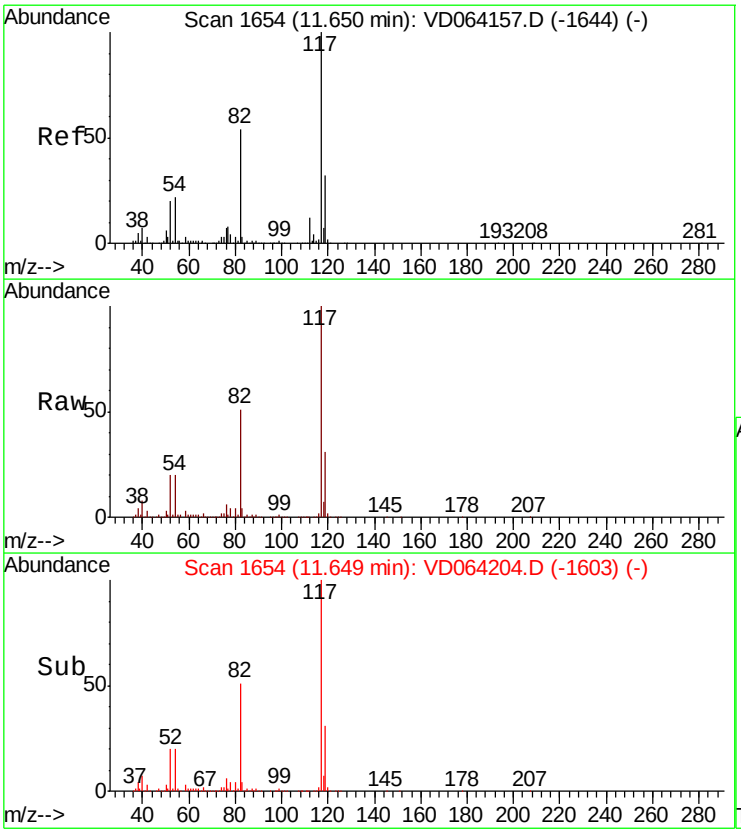
#62
4-Bromofluorobenzene
Concen: 69.664 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064204.D
Acq: 12 Nov 2019 19:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 436532

Ion	Ratio	Lower	Upper
95	100		
174	98.7	0.0	183.6
176	94.7	0.0	180.2

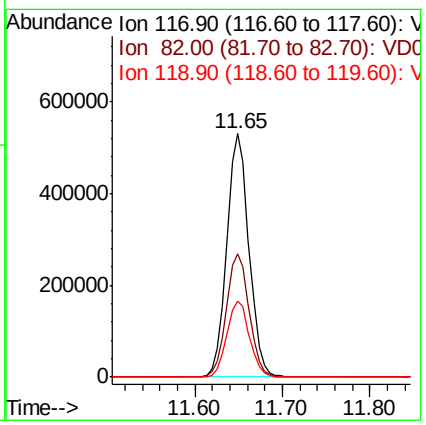


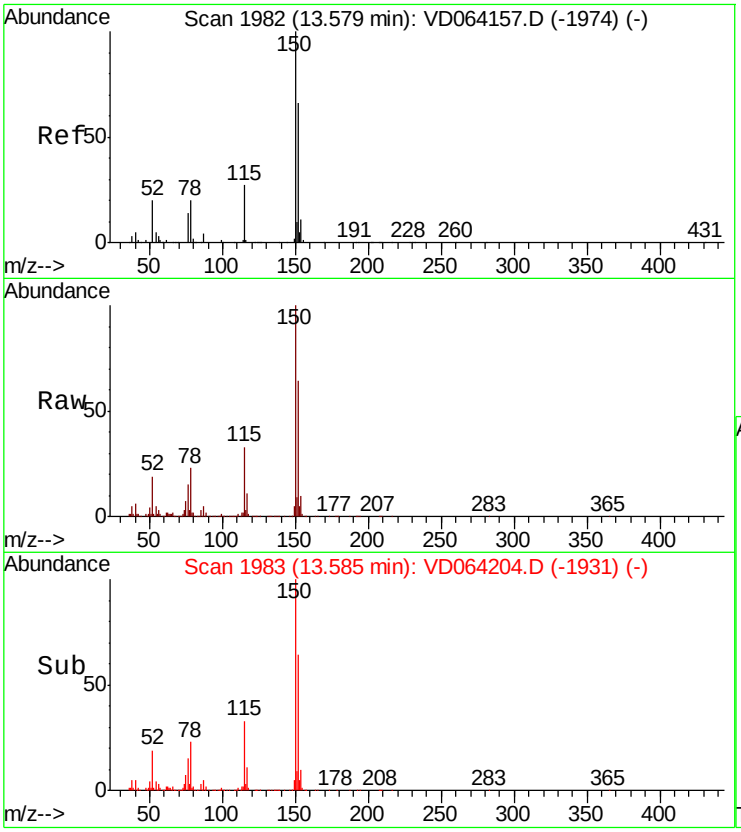


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064204.D
Acq: 12 Nov 2019 19:00

Tgt Ion:117 Resp: 913414

Ion	Ratio	Lower	Upper
117	100		
82	50.7	42.8	64.2
119	31.2	25.6	38.4



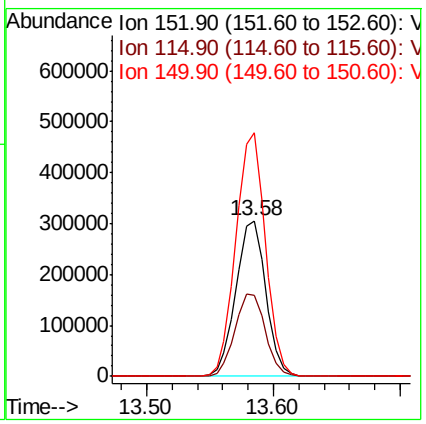


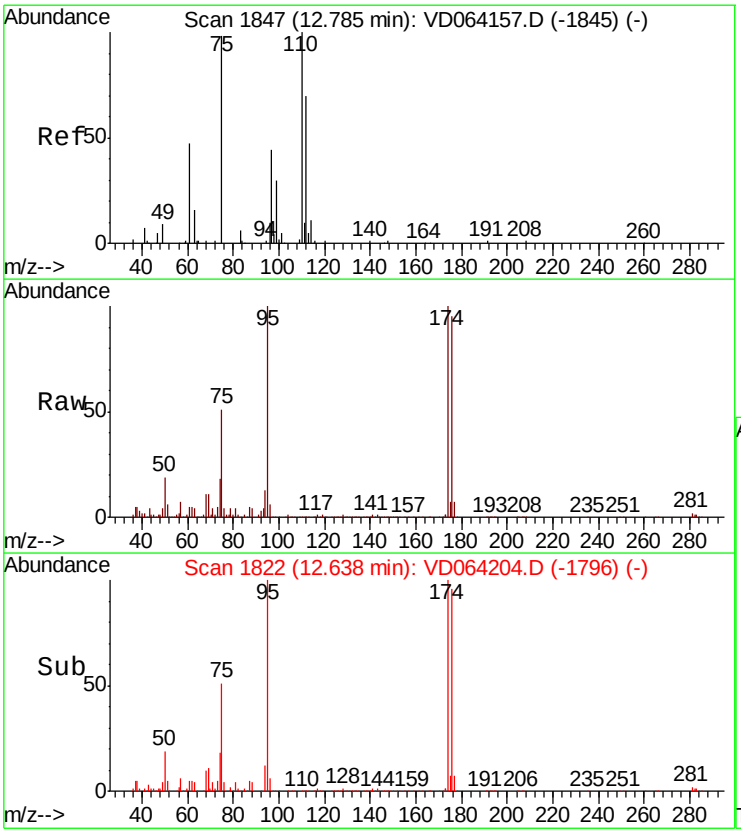
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064204.D
Acq: 12 Nov 2019 19:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 498947

Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.4	82.2
150	155.1	0.0	351.6

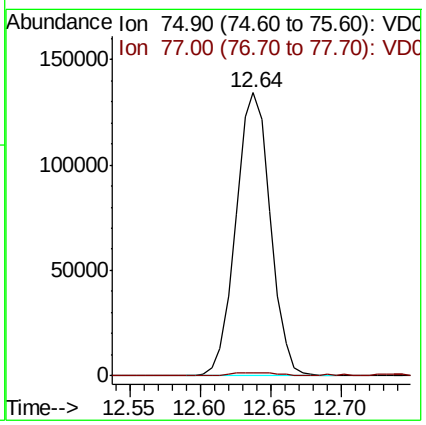


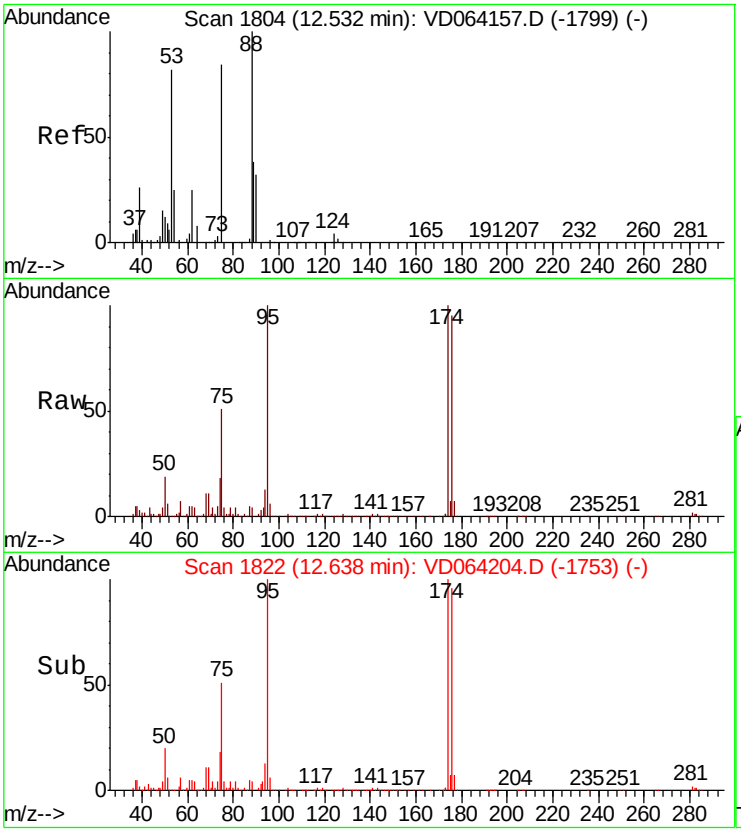


#76
1,2,3-Trichloropropane
Concen: 56.835 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064204.D
Acq: 12 Nov 2019 19:00

Tgt Ion: 75 Resp: 228411

Ion	Ratio	Lower	Upper
75	100		
77	1.9	0.0	0.0#



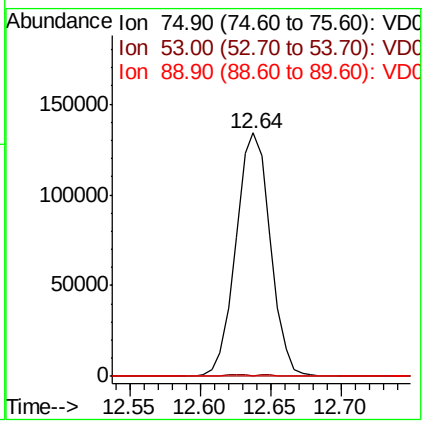


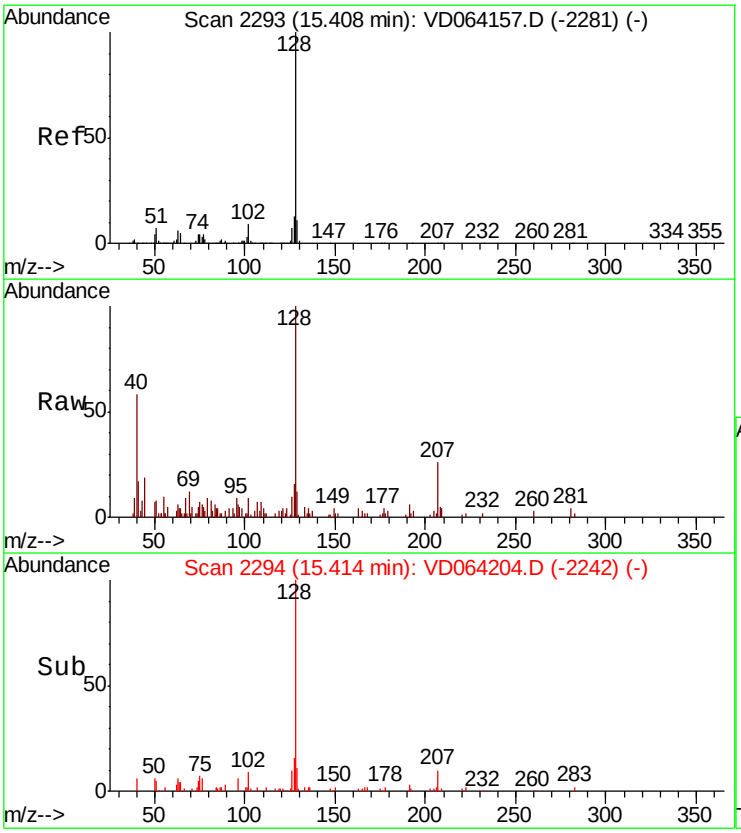
#81
trans-1,4-Dichloro-2-butene
Concen: 112.896 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD064204.D
Acq: 12 Nov 2019 19:00

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 228411

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.4	119.0#
89	0.0	36.6	55.0#





#95
Naphthalene
Concen: 1.290 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD064204.D
Acq: 12 Nov 2019 19:00

Tgt Ion:128 Resp: 22798

Ion	Ratio	Lower	Upper
128	100		
127	16.2	10.5	15.7#
129	14.1	8.6	13.0#