Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112519\
Data File : VD064353.D
Acq On : 25 Nov 2019 11:30
Operator : VA/SY
Sample : VD1125SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Nov 26 05:33:53 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	848359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1229748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1081645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	531316	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	361871	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.72%			
35) Dibromofluoromethane	7.91	113	370347	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.92%			
50) Toluene-d8	10.34	98	1434410	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.74%			
62) 4-Bromofluorobenzene	12.64	95	466458	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.16%			
Target Compounds						Qvalue
10) Methyl Iodide	4.30	142	2192	2.278	ug/l #	78
16) Acetone	4.18	43	4467	2.702	ug/l #	86
20) Methylene Chloride	4.96	84	8774	1.051	ug/l	89
25) 2-Butanone	7.23	43	3322	1.556	ug/l	91
29) Tetrahydrofuran	7.57	42	1350	1.052	ug/l #	74
31) Cyclohexane	7.98	56	21534	1.572	ug/l #	27
76) 1,2,3-Trichloropropane	12.64	75	245245	57.306	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	245245	113.832	ug/l #	10

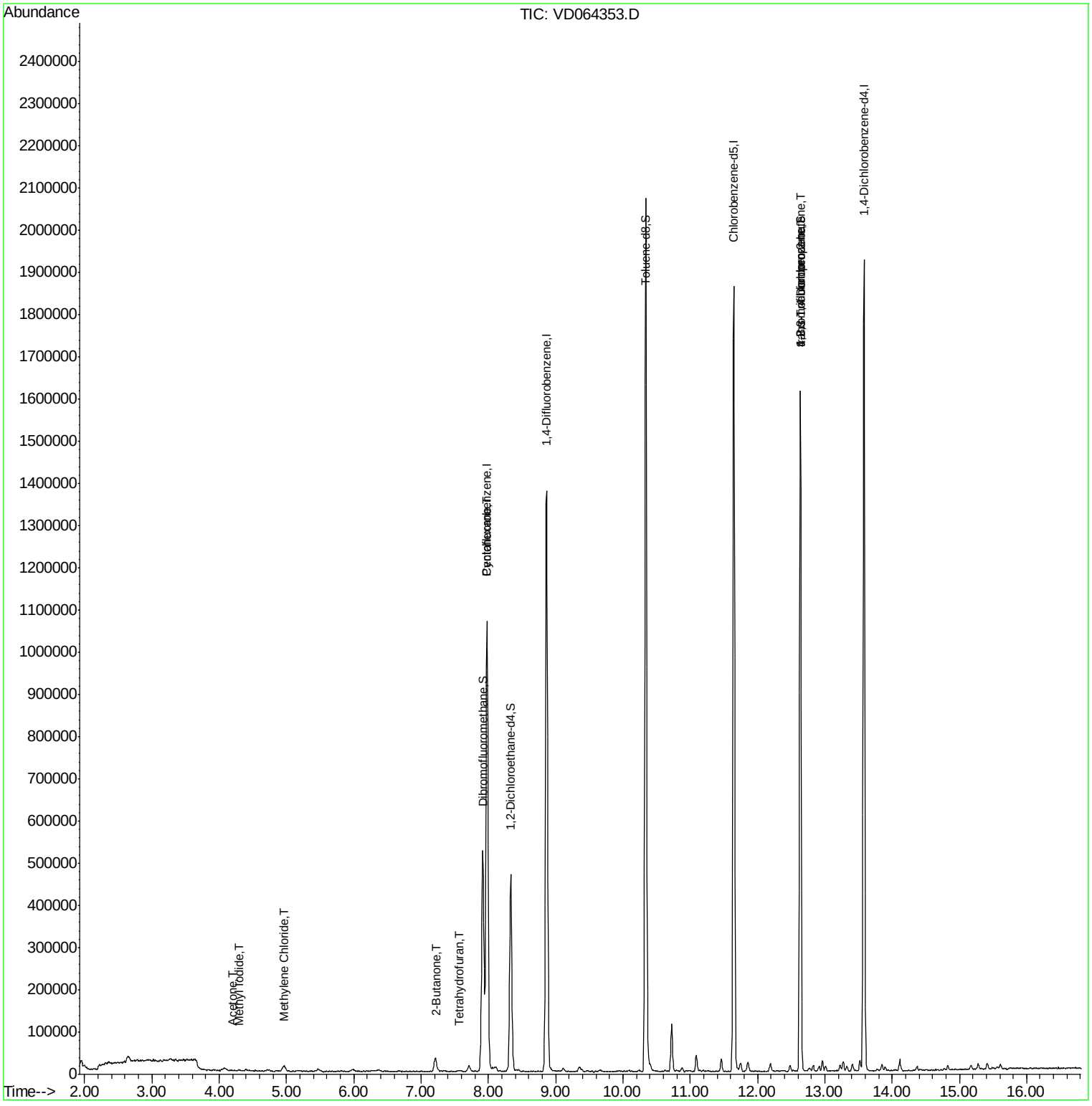
(#) = qualifier out of range (m) = manual integration (+) = signals summed

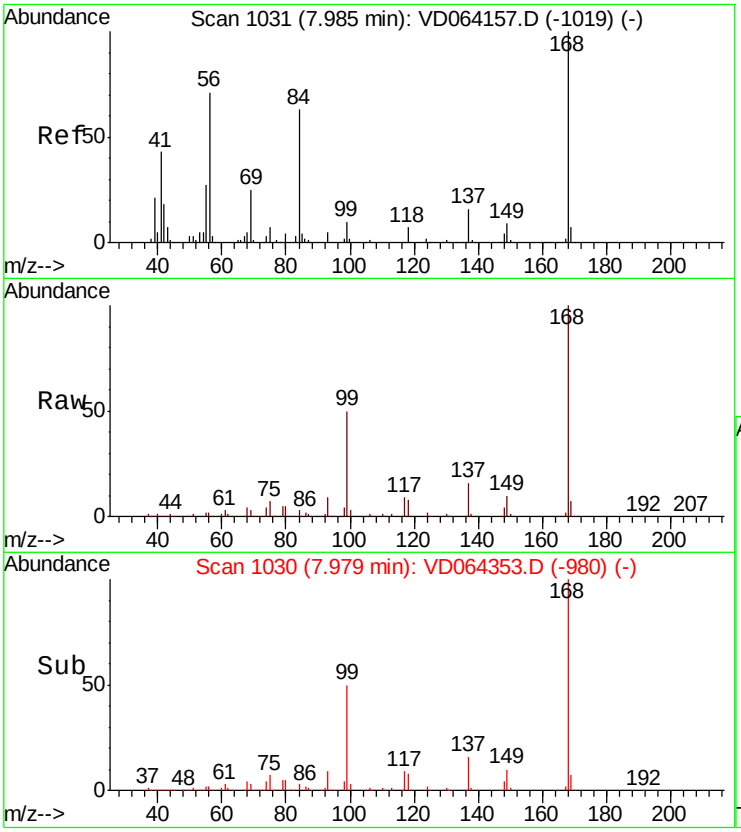
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112519\
Data File : VD064353.D
Acq On : 25 Nov 2019 11:30
Operator : VA/SY
Sample : VD1125SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 26 05:33:53 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



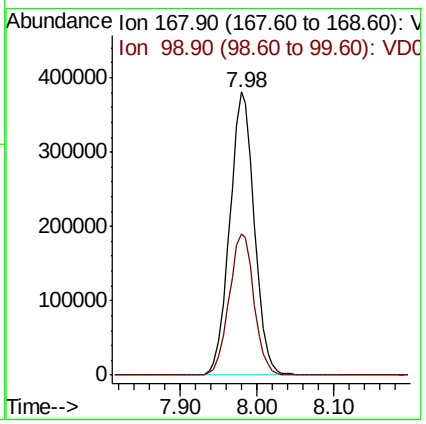


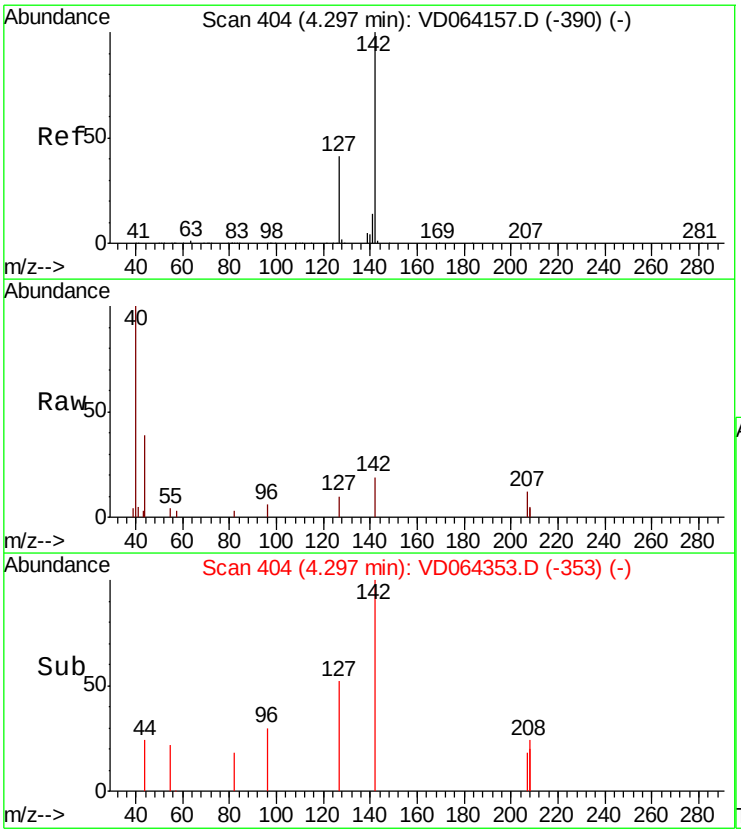
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064353.D
Acq: 25 Nov 2019 11:30

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 848359

Ion	Ratio	Lower	Upper
168	100		
99	50.0	41.6	62.4

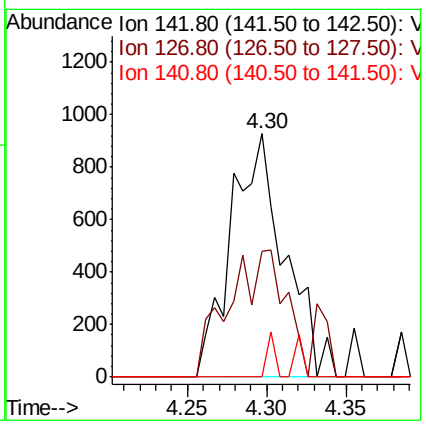


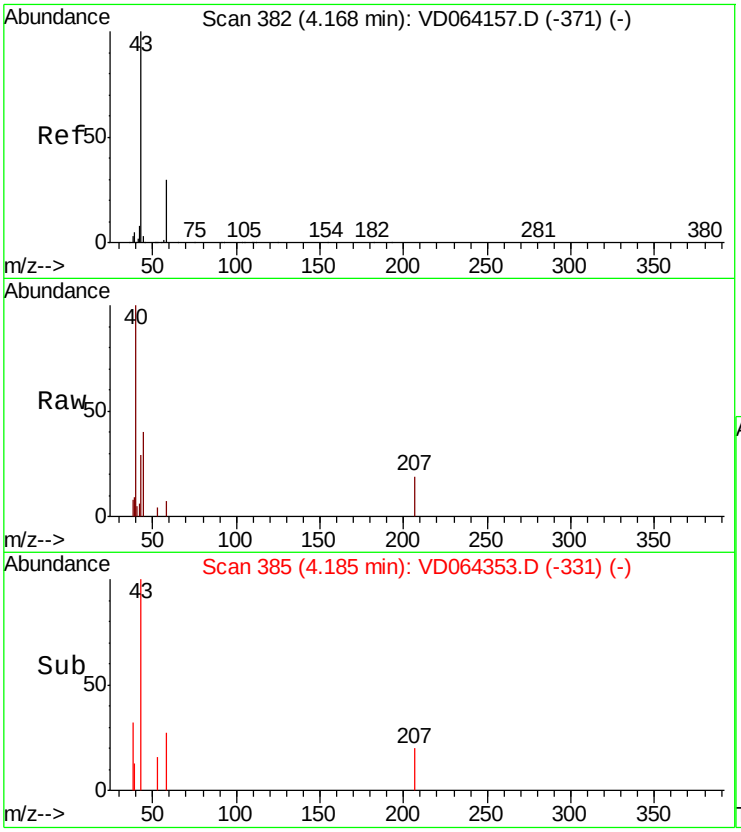


#10
Methyl Iodide
Concen: 2.278 ug/l
RT: 4.30 min Scan# 404
Delta R.T. 0.00 min
Lab File: VD064353.D
Acq: 25 Nov 2019 11:30

Tgt Ion:142 Resp: 2192

Ion	Ratio	Lower	Upper
142	100		
127	55.5	34.4	51.6#
141	2.7	11.2	16.8#



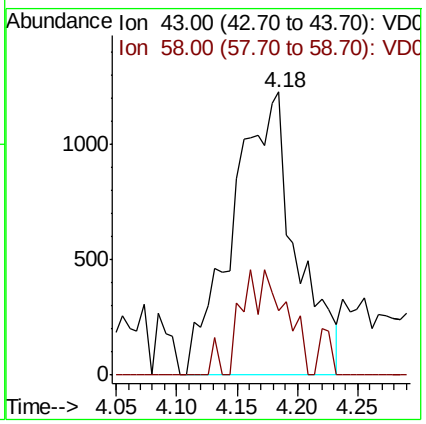


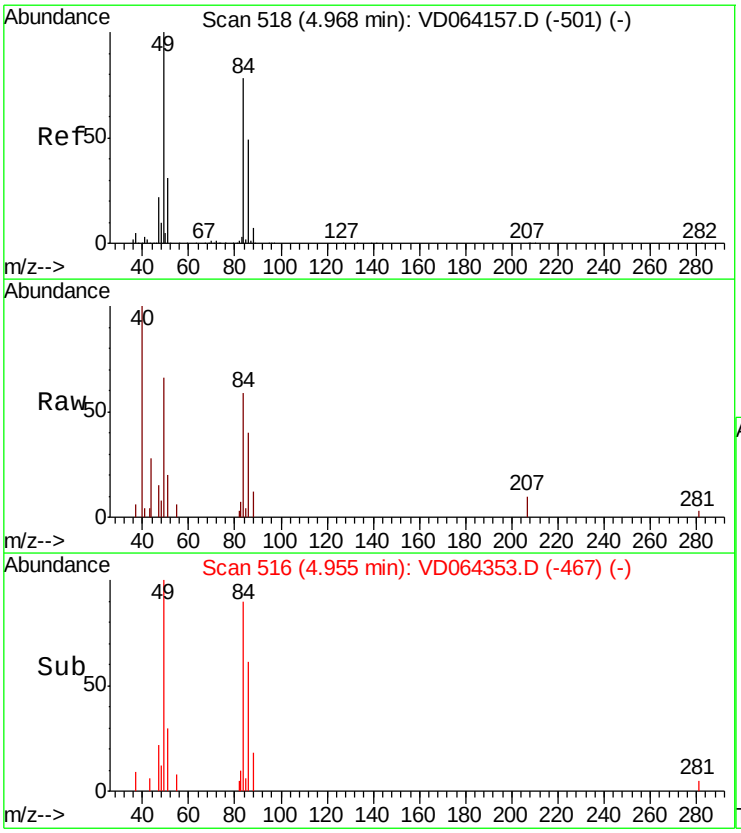
#16
Acetone
Concen: 2.702 ug/l
RT: 4.18 min Scan# 385
Delta R.T. 0.02 min
Lab File: VD064353.D
Acq: 25 Nov 2019 11:30

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 4467

Ion	Ratio	Lower	Upper
43	100		
58	22.7	24.1	36.1#

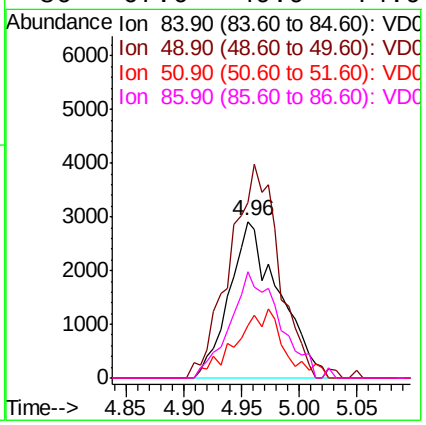


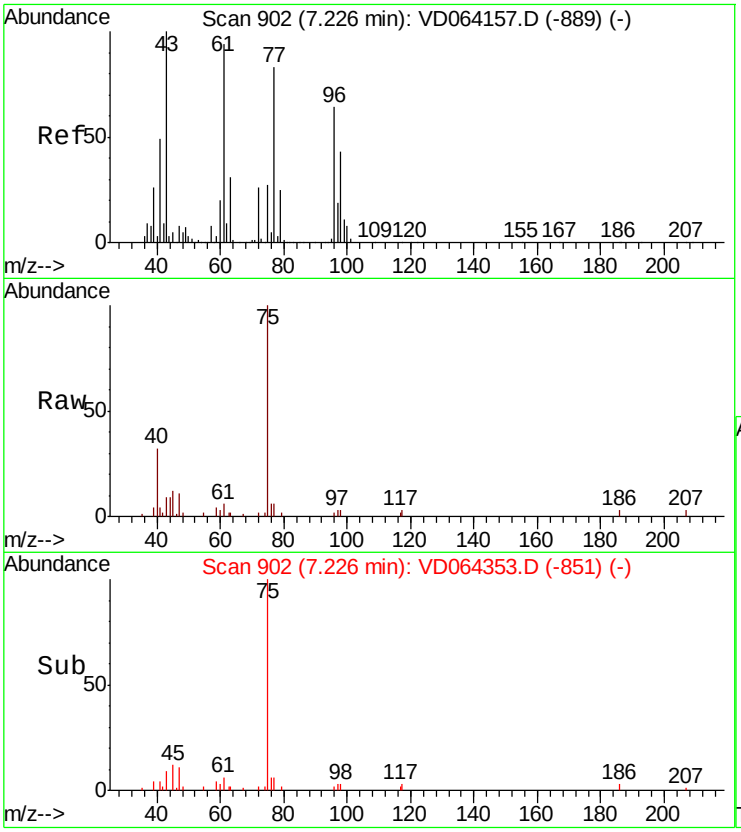


#20
Methylene Chloride
Concen: 1.051 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064353.D
Acq: 25 Nov 2019 11:30

Tgt Ion: 84 Resp: 8774

Ion	Ratio	Lower	Upper
84	100		
49	111.7	102.1	153.1
51	33.3	32.2	48.2
86	67.6	49.9	74.9



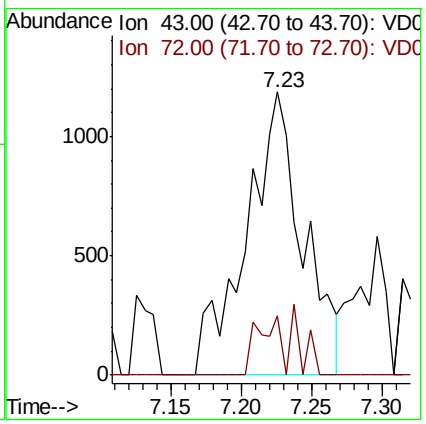


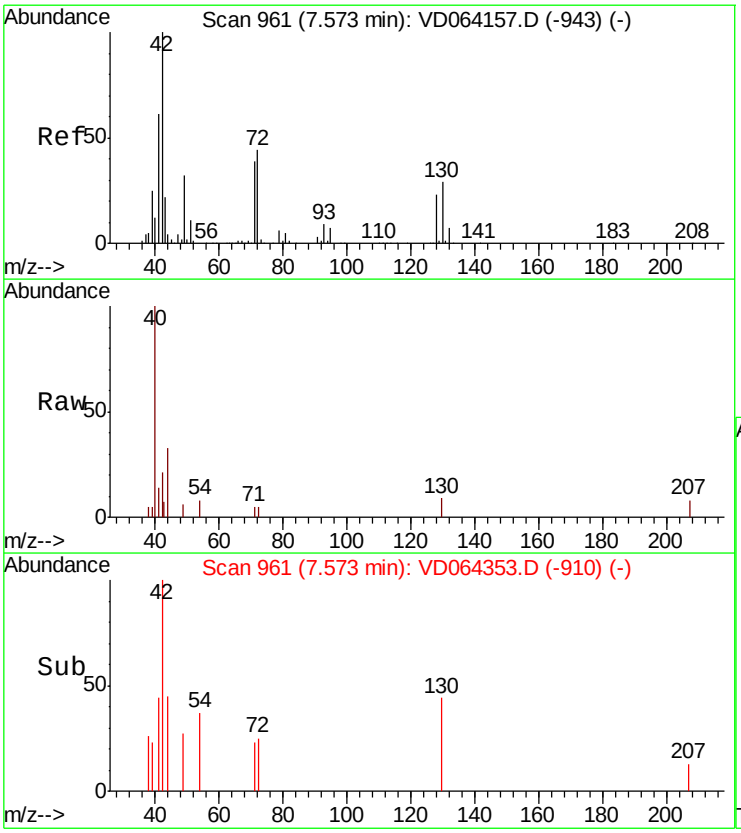
#25
2-Butanone
Concen: 1.556 ug/l
RT: 7.23 min Scan# 902
Delta R.T. -0.00 min
Lab File: VD064353.D
Acq: 25 Nov 2019 11:30

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 3322

Ion	Ratio	Lower	Upper
43	100		
72	21.0	20.6	30.8

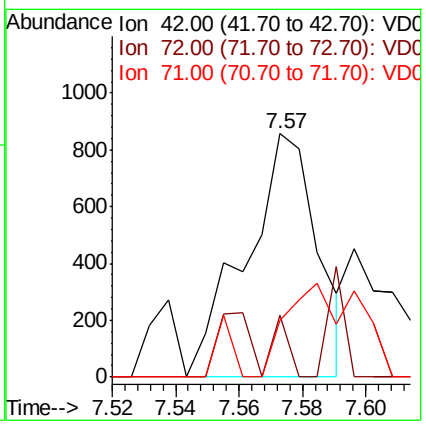


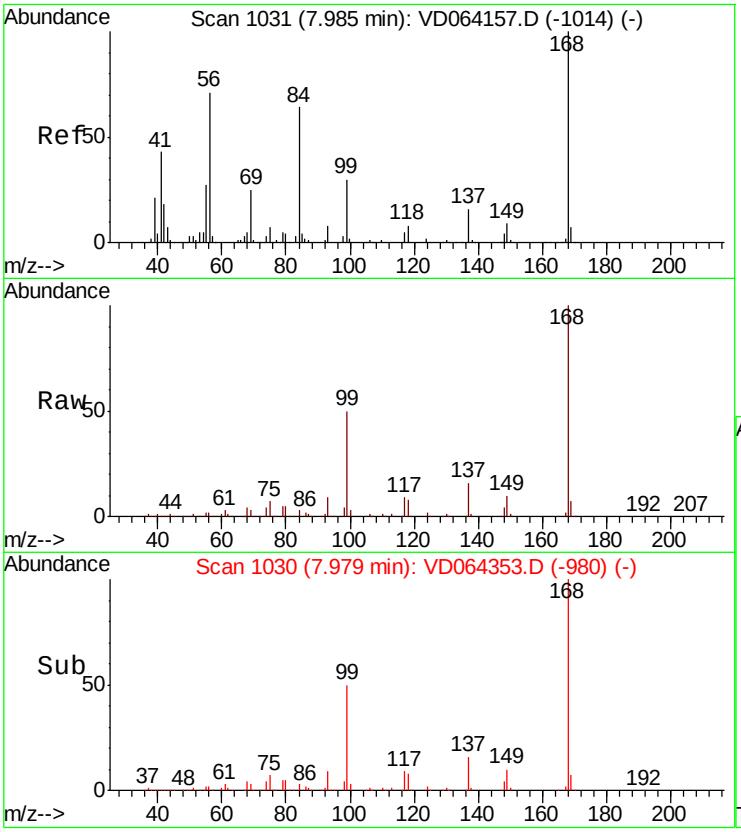


#29
Tetrahydrofuran
Concen: 1.052 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD064353.D
Acq: 25 Nov 2019 11:30

Tgt Ion: 42 Resp: 1350

Ion	Ratio	Lower	Upper
42	100		
72	10.2	33.4	50.2#
71	38.7	31.0	46.4



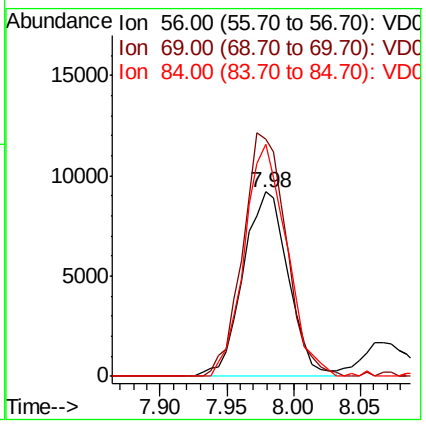


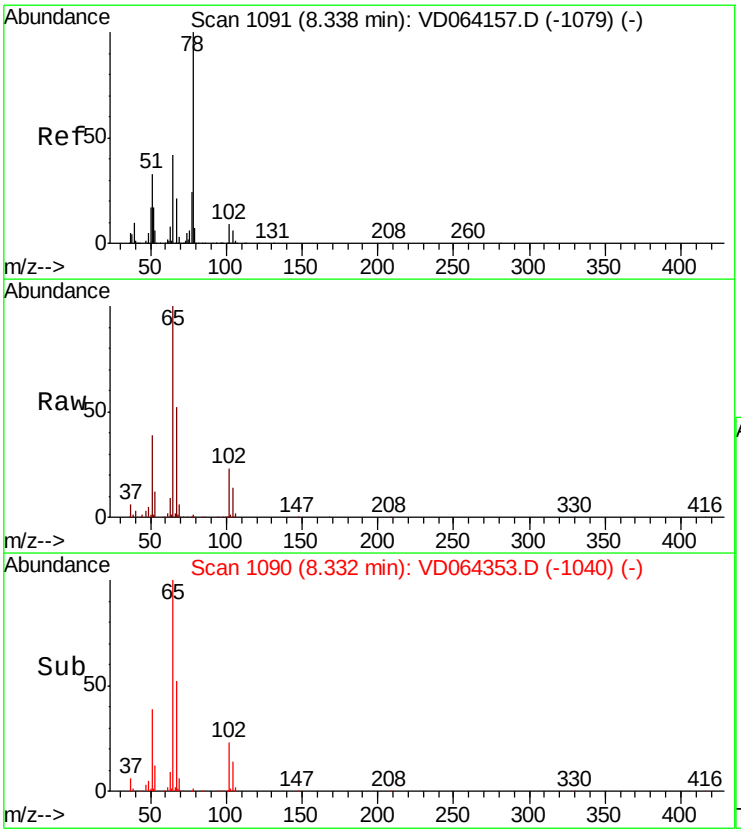
#31
Cyclohexane
Concen: 1.572 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064353.D
Acq: 25 Nov 2019 11:30

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 21534

Ion	Ratio	Lower	Upper
56	100		
69	128.5	28.2	42.4#
84	125.6	71.8	107.6#

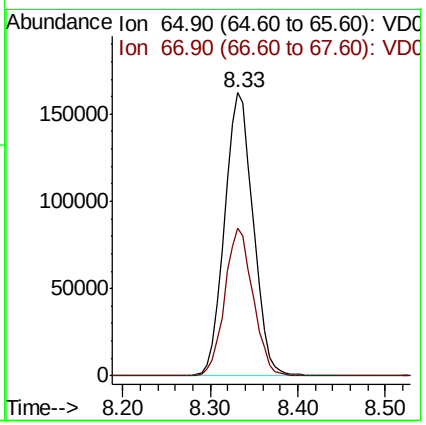


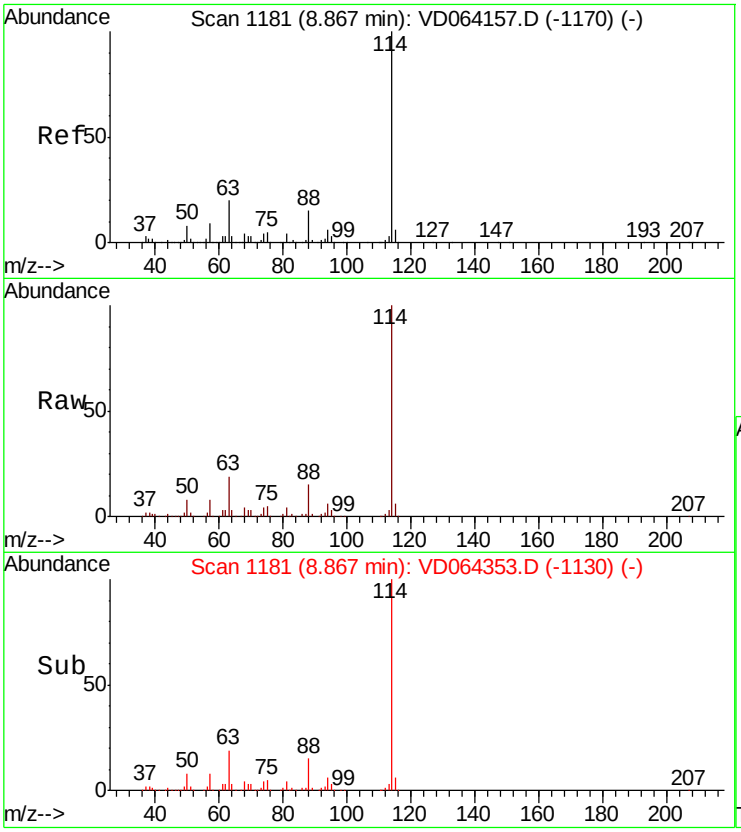


#33
1,2-Dichloroethane-d4
Concen: 51.864 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064353.D
Acq: 25 Nov 2019 11:30

Tgt Ion: 65 Resp: 361871

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.4



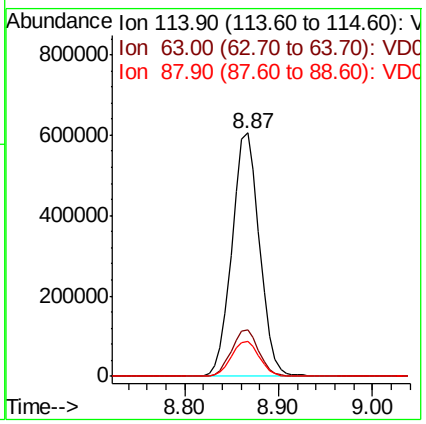


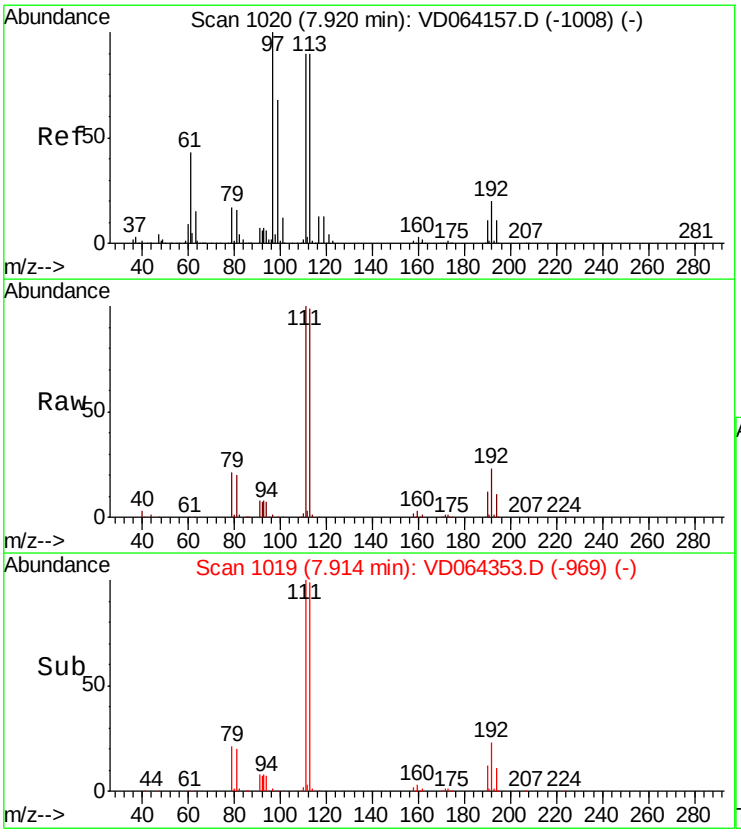
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064353.D
Acq: 25 Nov 2019 11:30

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 1229748

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.0
88	14.5	0.0	30.2

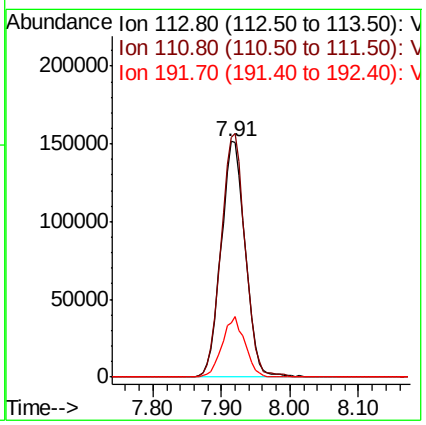


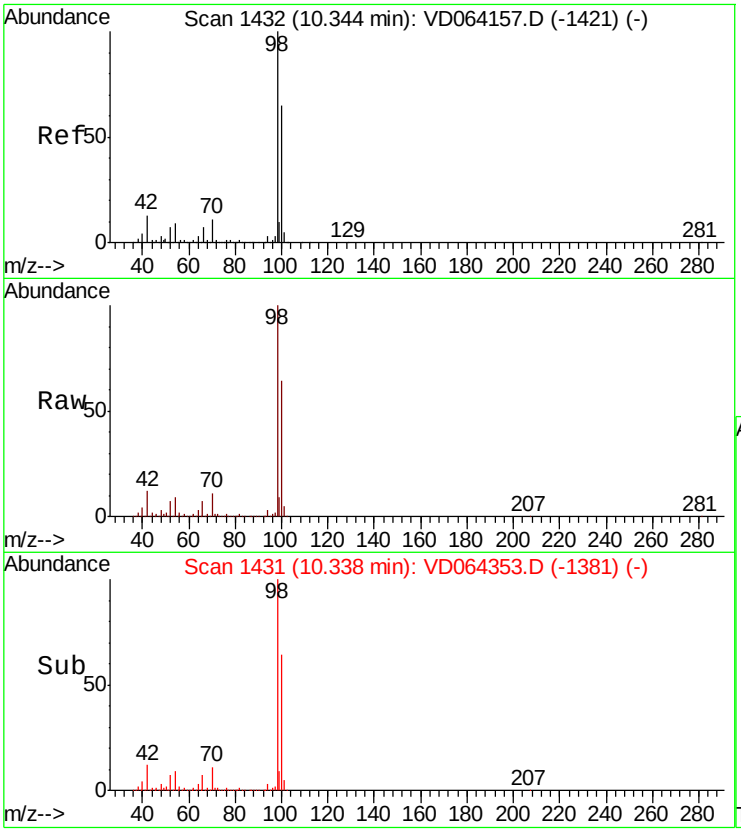


#35
Dibromofluoromethane
Concen: 52.465 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD064353.D
Acq: 25 Nov 2019 11:30

Tgt Ion:113 Resp: 370347

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.5	122.3
192	23.9	18.8	28.2



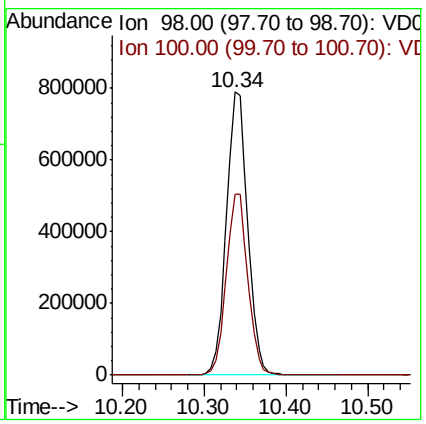


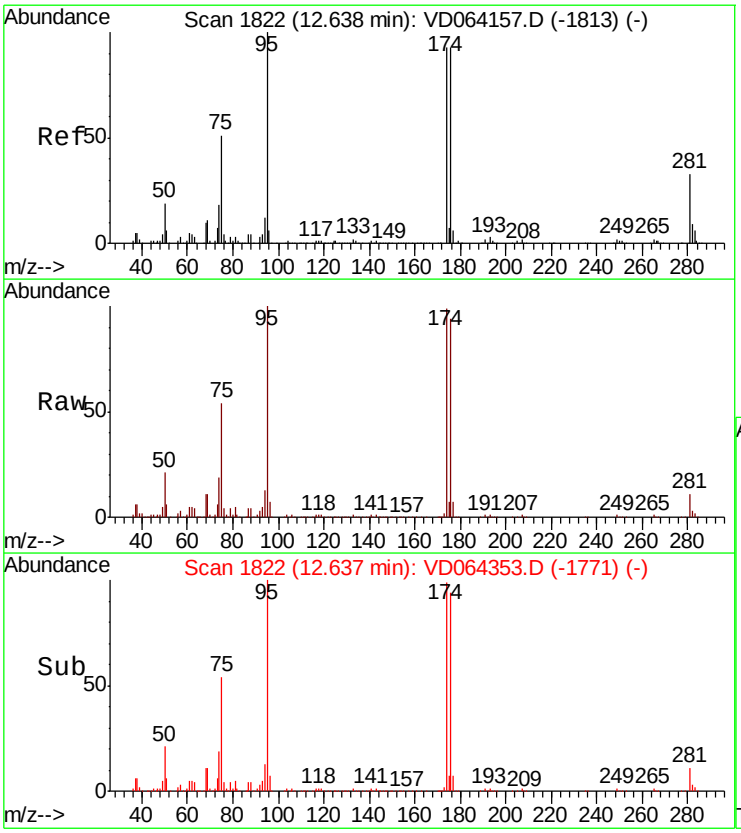
#50
Toluene-d8
Concen: 53.866 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064353.D
Acq: 25 Nov 2019 11:30

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 1434410

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.6	78.8

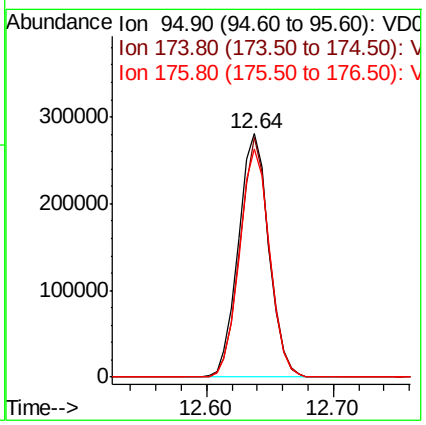


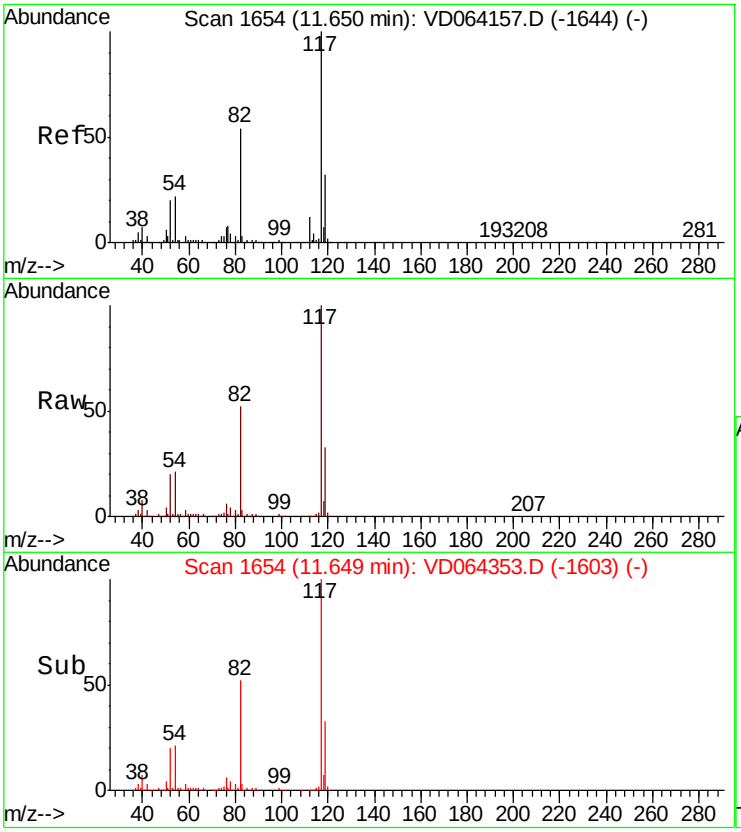


#62
4-Bromofluorobenzene
Concen: 50.581 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064353.D
Acq: 25 Nov 2019 11:30

Tgt Ion: 95 Resp: 466458

Ion	Ratio	Lower	Upper
95	100		
174	94.5	0.0	183.6
176	93.0	0.0	180.2



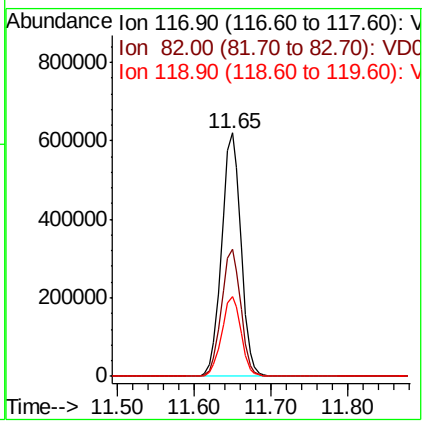


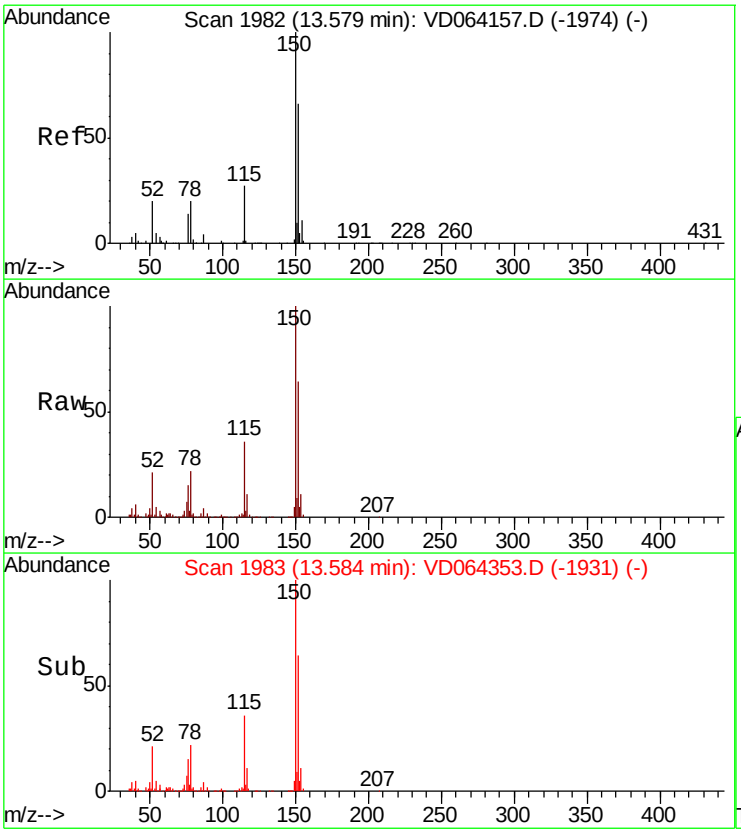
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064353.D
Acq: 25 Nov 2019 11:30

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 1081645

Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.8	64.2
119	32.7	25.6	38.4

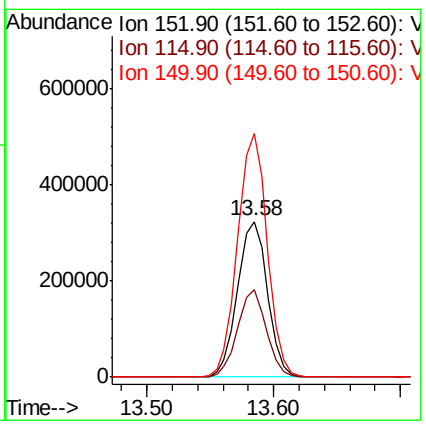


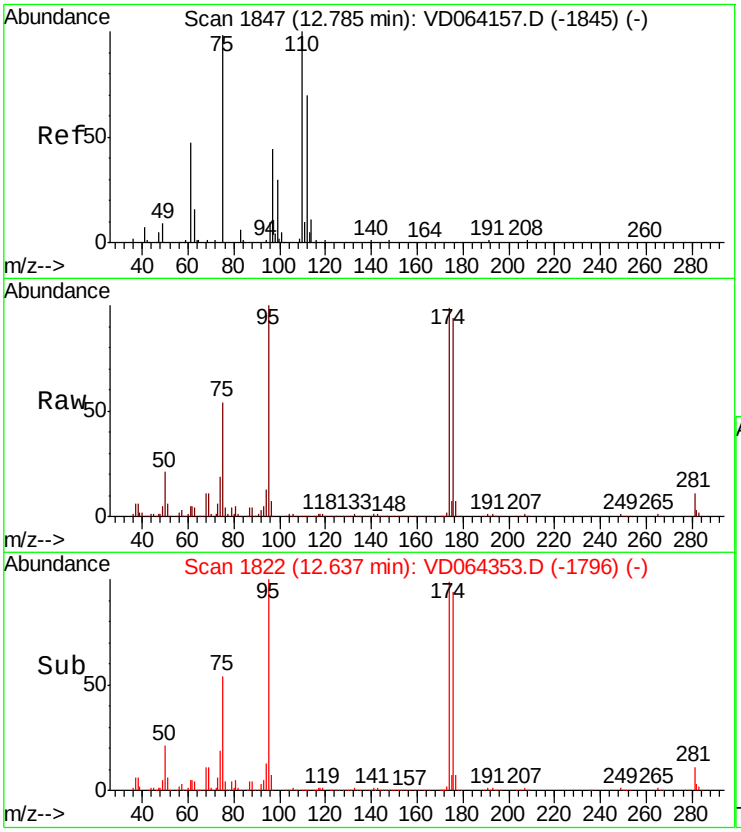


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064353.D
Acq: 25 Nov 2019 11:30

Tgt Ion:152 Resp: 531316

Ion	Ratio	Lower	Upper
152	100		
115	53.6	27.4	82.2
150	154.6	0.0	351.6



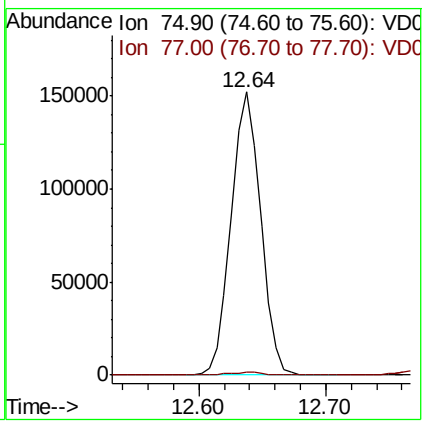


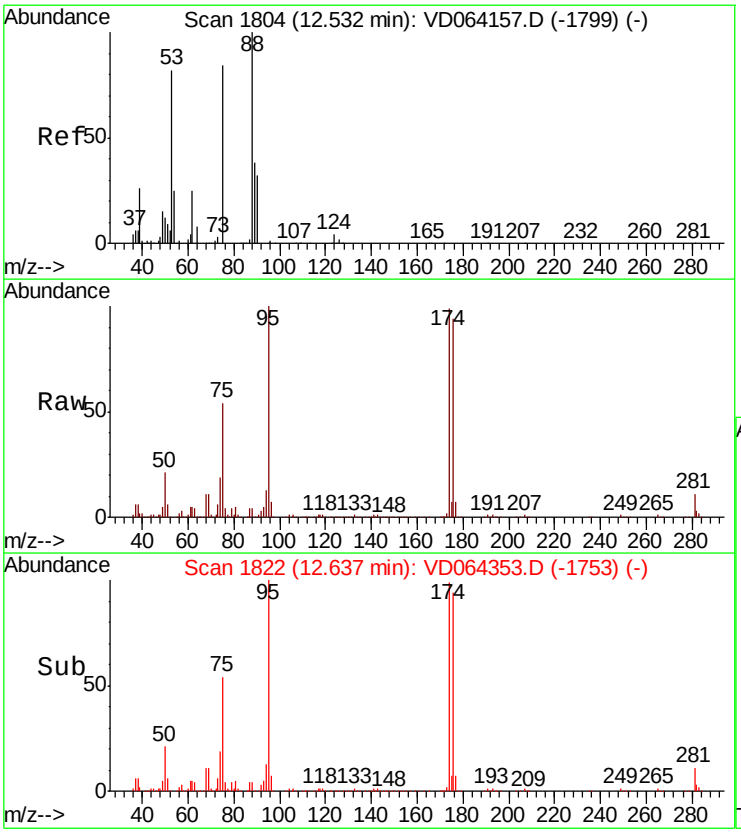
#76
1,2,3-Trichloropropane
Concen: 57.306 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064353.D
Acq: 25 Nov 2019 11:30

Instrument :
MSVOA_D
ClientSampleId :

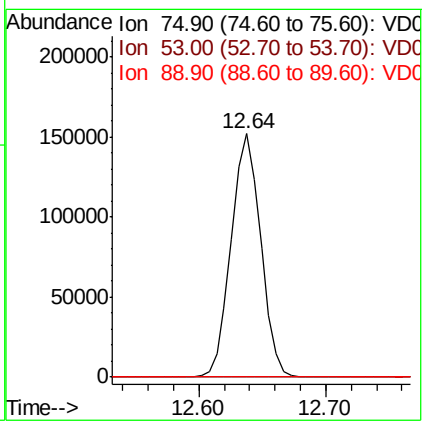
Tgt Ion: 75 Resp: 245245

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 113.832 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD064353.D
Acq: 25 Nov 2019 11:30

Tgt Ion: 75 Resp: 245245

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.4	119.0#
89	0.1	36.6	55.0#