Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111419\
Data File : VD064215.D
Acq On : 14 Nov 2019 15:07
Operator : VA/SY
Sample : K5813-01
Misc : 5.61G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Nov 15 05:53:10 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	840885	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.87	114	1214163	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.64	117	1152988	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	505723	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.33	65	340737	49.27	ug/l		0.00
Spiked Amount 50.000			Recovery =	98.54%			
35) Dibromofluoromethane	7.92	113	365676	52.47	ug/l		0.00
Spiked Amount 50.000			Recovery =	104.94%			
50) Toluene-d8	10.34	98	1429047	54.35	ug/l		0.00
Spiked Amount 50.000			Recovery =	108.70%			
62) 4-Bromofluorobenzene	12.64	95	505507	55.52	ug/l		0.00
Spiked Amount 50.000			Recovery =	111.04%			
Target Compounds							Qvalue
10) Methyl Iodide	4.28	142	602	2.100	ug/l	#	79
13) Acrolein	3.91	56	443	1.084	ug/l	#	15
16) Acetone	4.17	43	15463	9.438	ug/l		89
25) 2-Butanone	7.24	43	3008	1.421	ug/l		95
31) Cyclohexane	7.98	56	18269	1.346	ug/l	#	22
36) 1,1-Dichloropropene	7.98	75	57641	5.144	ug/l	#	50
38) Carbon Tetrachloride	7.98	117	75886	6.329	ug/l	#	16
76) 1,2,3-Trichloropropane	12.63	75	267787	65.740	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.63	75	267787	130.585	ug/l	#	10
95) Naphthalene	15.41	128	193499	10.800	ug/l		98

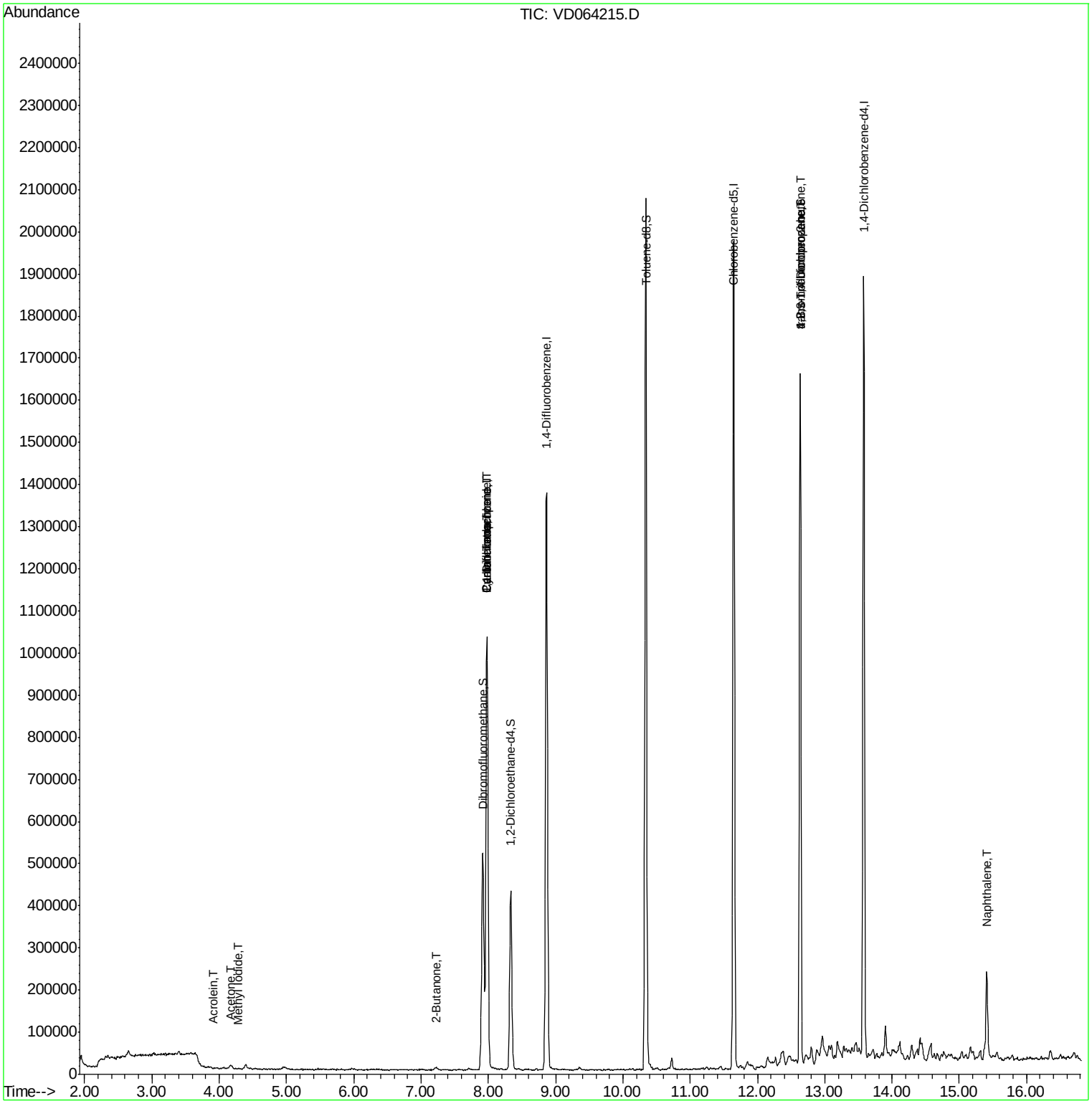
(#) = qualifier out of range (m) = manual integration (+) = signals summed

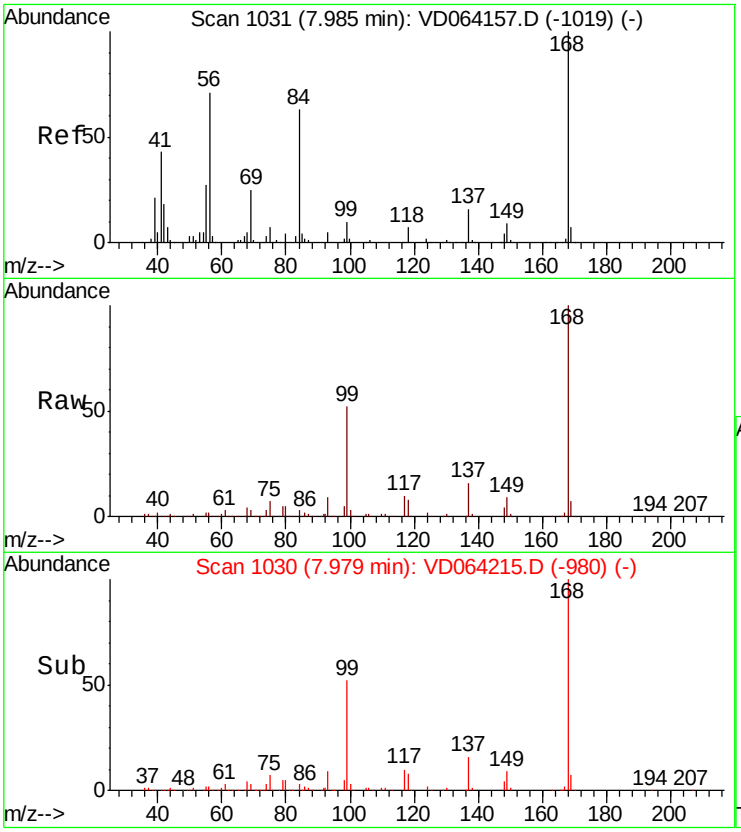
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111419\
Data File : VD064215.D
Acq On : 14 Nov 2019 15:07
Operator : VA/SY
Sample : K5813-01
Misc : 5.61G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 15 05:53:10 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



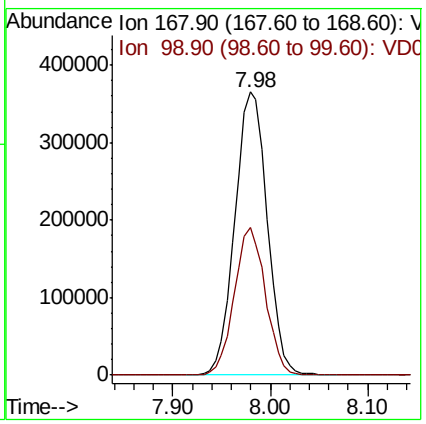


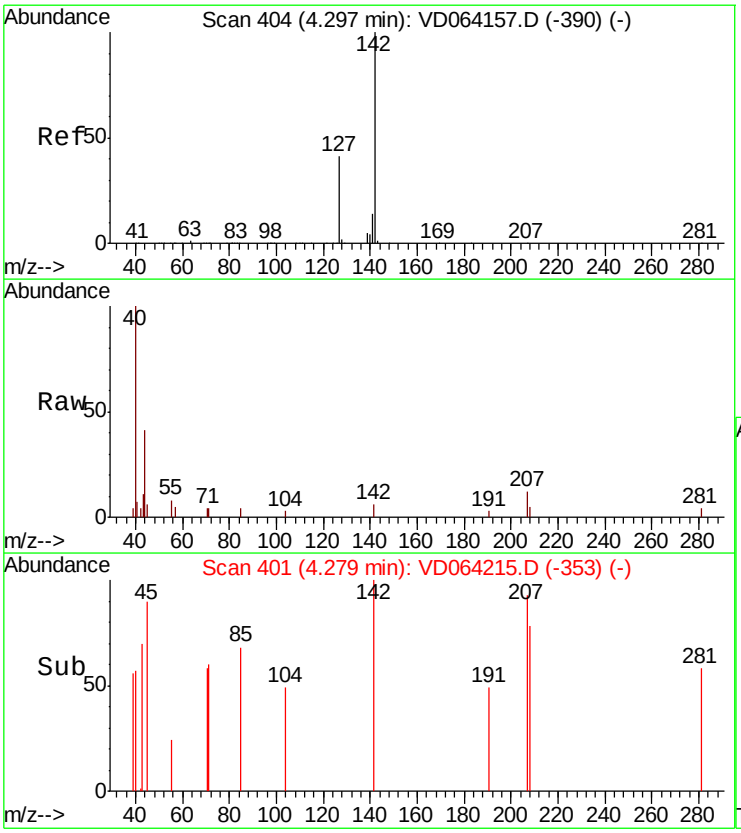
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064215.D
Acq: 14 Nov 2019 15:07

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 840885

Ion	Ratio	Lower	Upper
168	100		
99	52.2	41.6	62.4

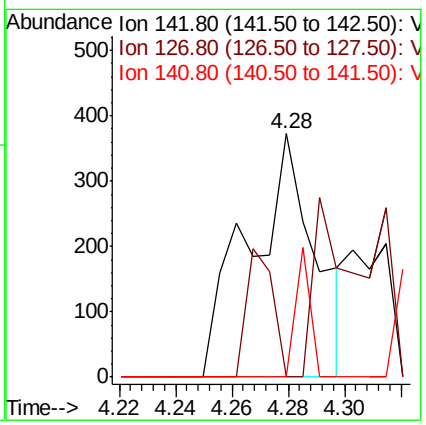


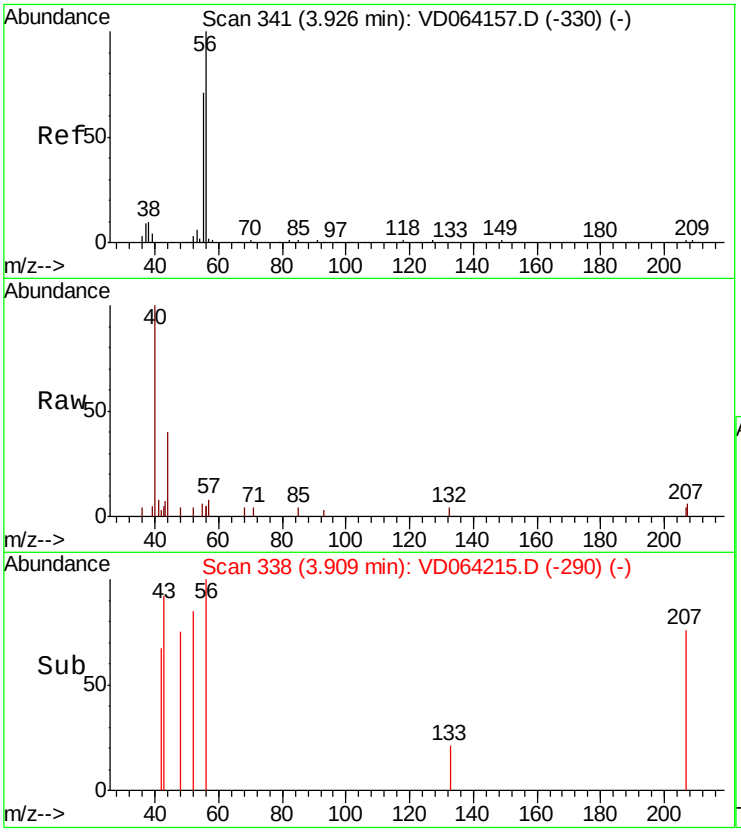


#10
Methyl Iodide
Concen: 2.100 ug/l
RT: 4.28 min Scan# 401
Delta R.T. -0.02 min
Lab File: VD064215.D
Acq: 14 Nov 2019 15:07

Tgt Ion:142 Resp: 602

Ion	Ratio	Lower	Upper
142	100		
127	59.5	34.4	51.6#
141	11.6	11.2	16.8



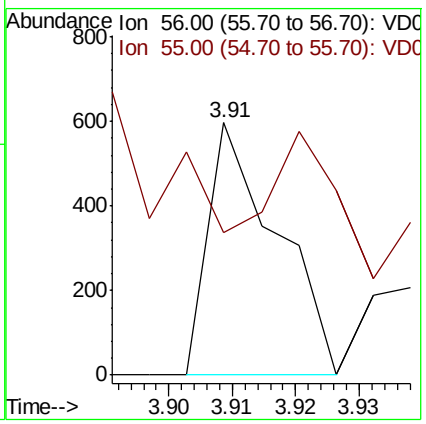


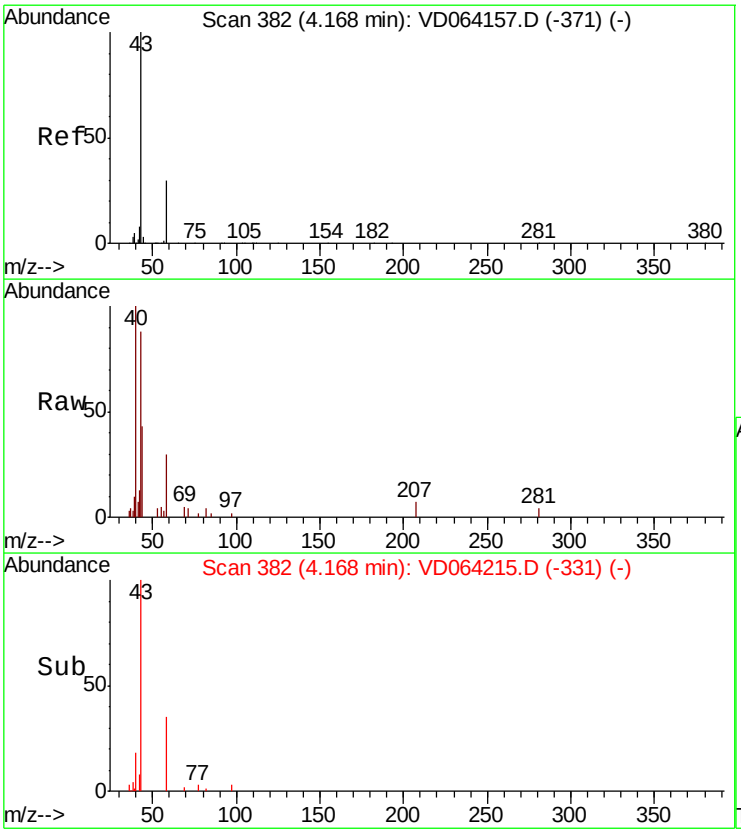
#13
Acrolein
Concen: 1.084 ug/l
RT: 3.91 min Scan# 338
Delta R.T. -0.02 min
Lab File: VD064215.D
Acq: 14 Nov 2019 15:07

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 443

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.1	84.1#

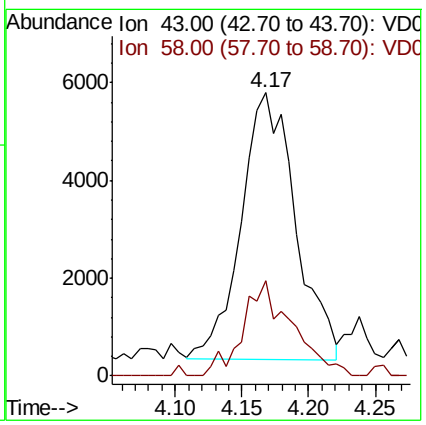


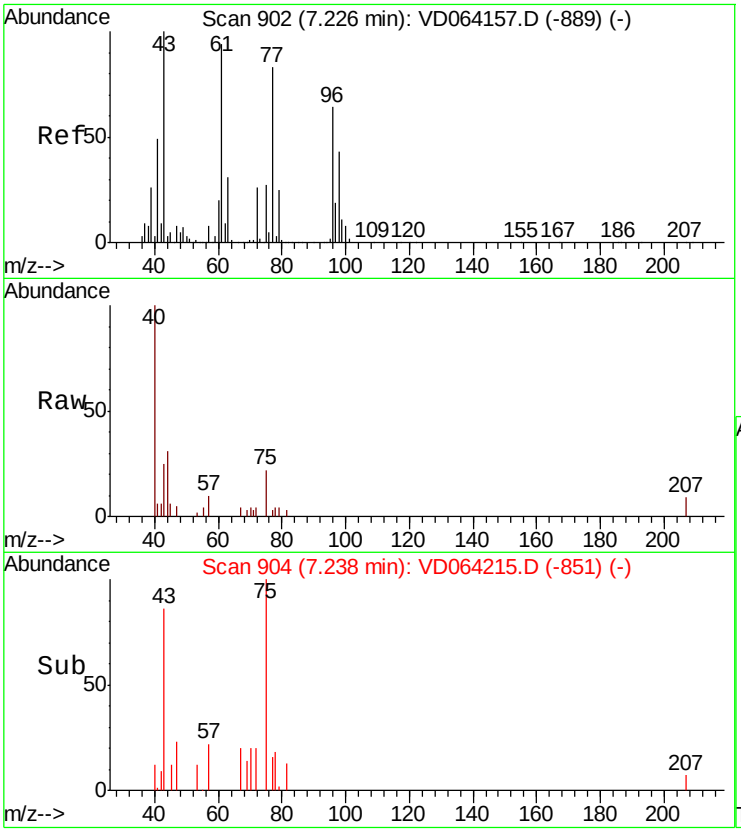


#16
Acetone
Concen: 9.438 ug/l
RT: 4.17 min Scan# 382
Delta R.T. -0.00 min
Lab File: VD064215.D
Acq: 14 Nov 2019 15:07

Tgt Ion: 43 Resp: 15463

Ion	Ratio	Lower	Upper
43	100		
58	36.0	24.1	36.1



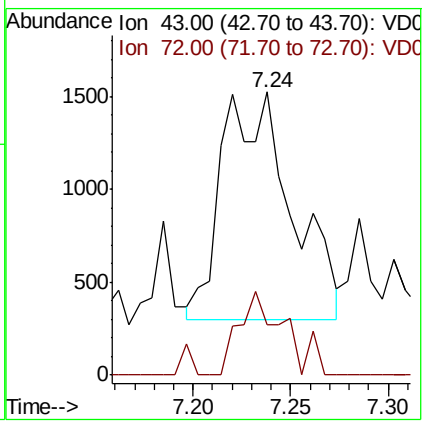


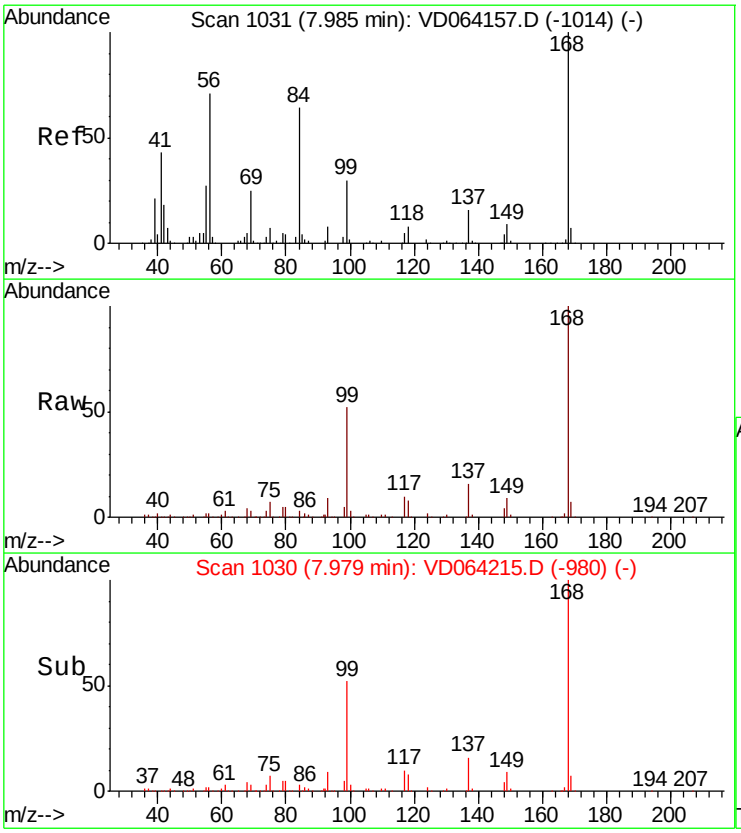
#25
2-Butanone
Concen: 1.421 ug/l
RT: 7.24 min Scan# 904
Delta R.T. 0.01 min
Lab File: VD064215.D
Acq: 14 Nov 2019 15:07

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 3008

Ion	Ratio	Lower	Upper
43	100		
72	23.2	20.6	30.8

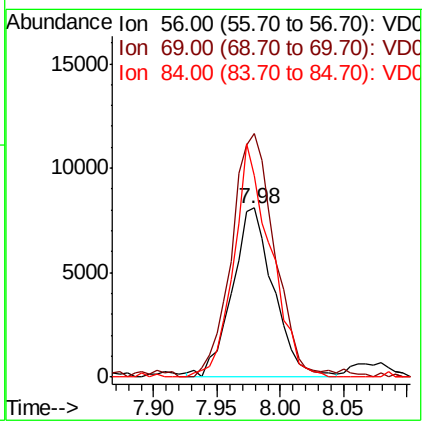


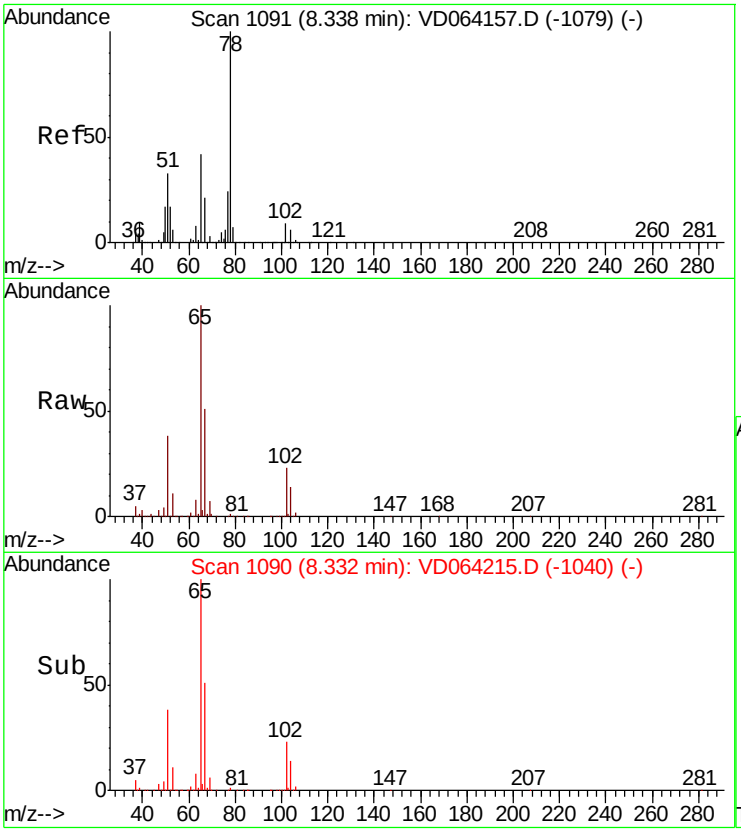


#31
Cyclohexane
Concen: 1.346 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064215.D
Acq: 14 Nov 2019 15:07

Tgt Ion: 56 Resp: 18269

Ion	Ratio	Lower	Upper
56	100		
69	147.1	28.2	42.4#
84	121.4	71.8	107.6#



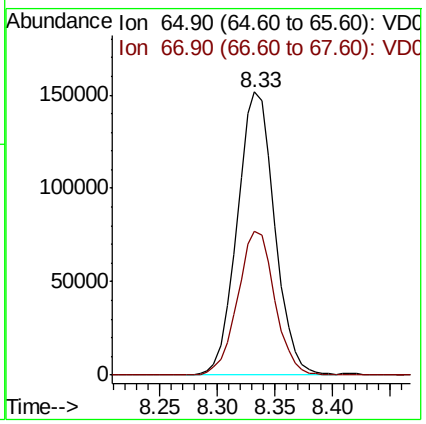


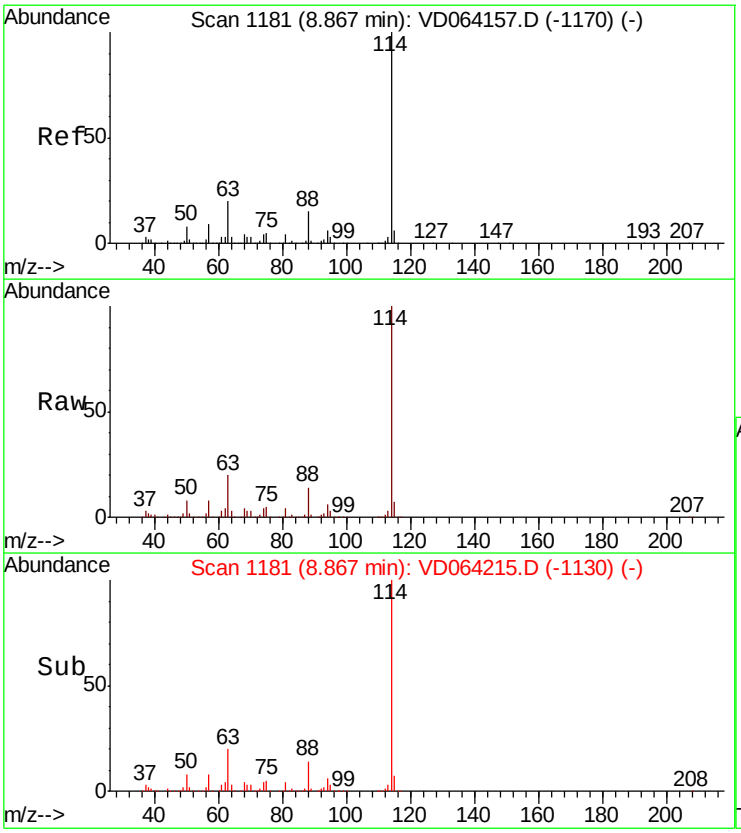
#33
1,2-Dichloroethane-d4
Concen: 49.269 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064215.D
Acq: 14 Nov 2019 15:07

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 340737

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	104.4

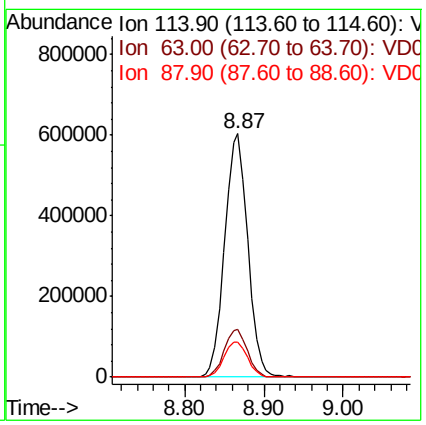


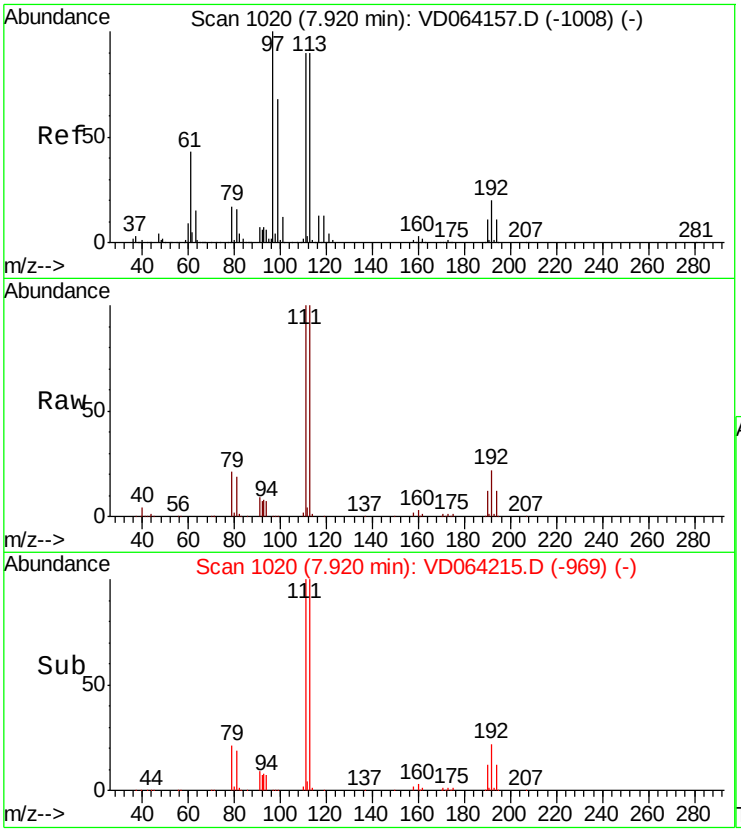


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064215.D
Acq: 14 Nov 2019 15:07

Tgt Ion:114 Resp: 1214163

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.0
88	14.1	0.0	30.2



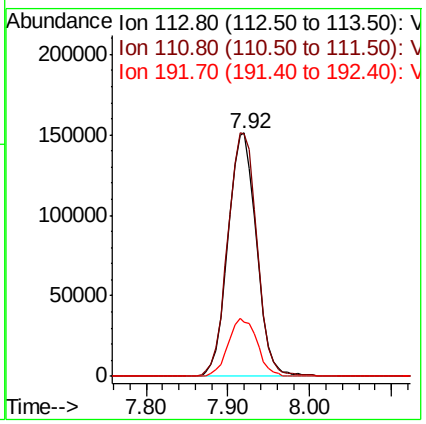


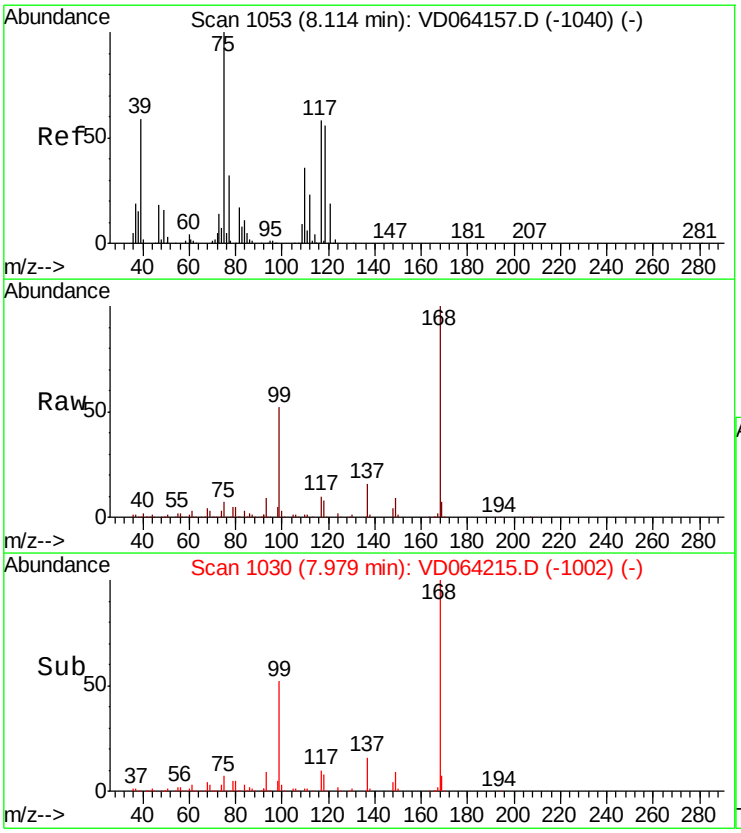
#35
Dibromofluoromethane
Concen: 52.468 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064215.D
Acq: 14 Nov 2019 15:07

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 365676

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.5	122.3
192	23.9	18.8	28.2

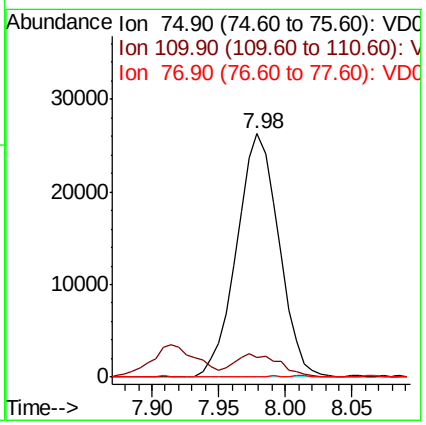


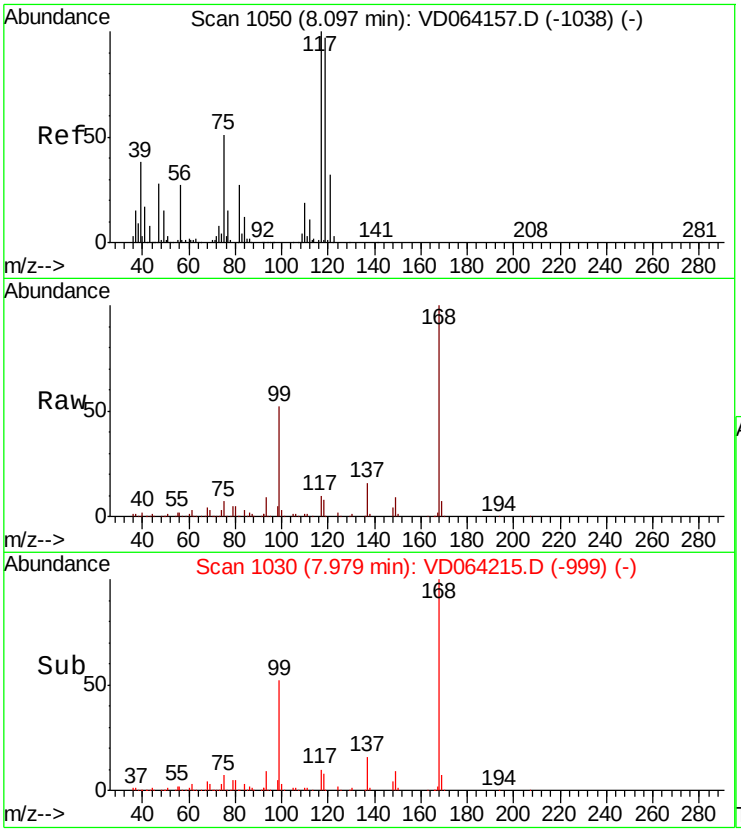


#36
1,1-Dichloropropene
Concen: 5.144 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.14 min
Lab File: VD064215.D
Acq: 14 Nov 2019 15:07

Tgt Ion: 75 Resp: 57641

Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.3	54.9#
77	0.0	25.0	37.6#



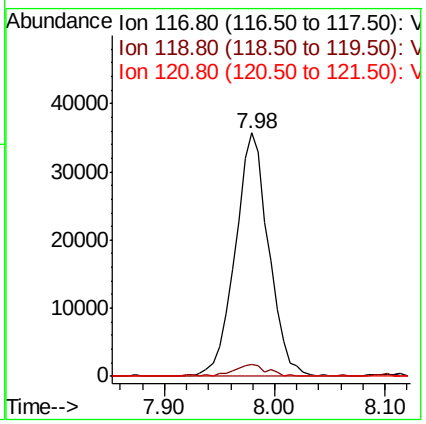


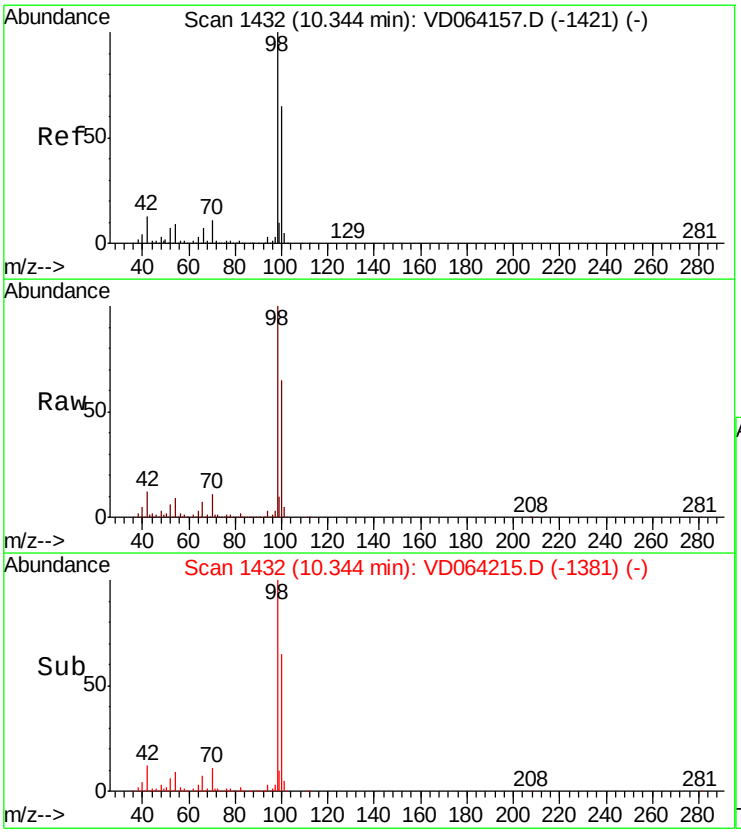
#38
Carbon Tetrachloride
Concen: 6.329 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064215.D
Acq: 14 Nov 2019 15:07

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 75886

Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.2	115.8#
121	0.0	25.5	38.3#

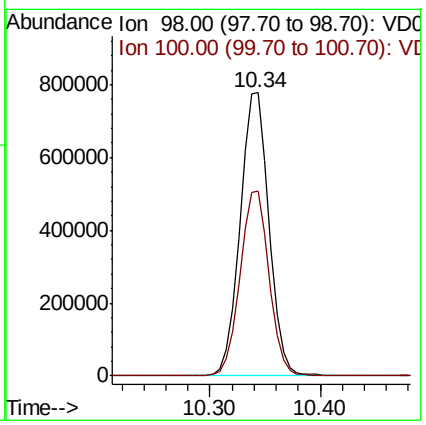


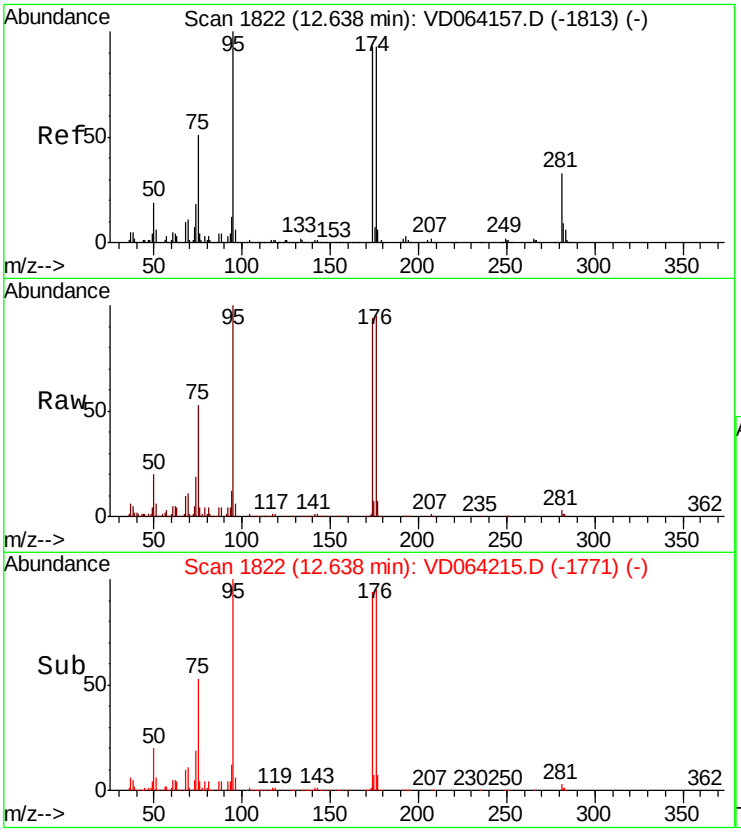


#50
Toluene-d8
Concen: 54.353 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064215.D
Acq: 14 Nov 2019 15:07

Tgt Ion: 98 Resp: 1429047

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.6	78.8



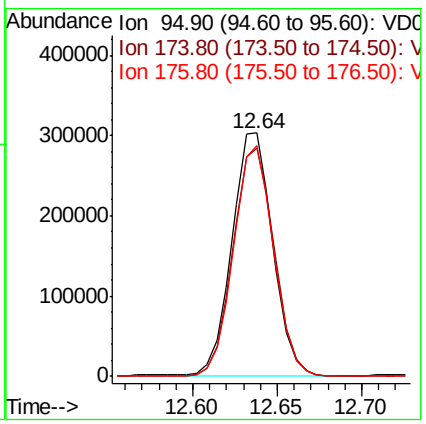


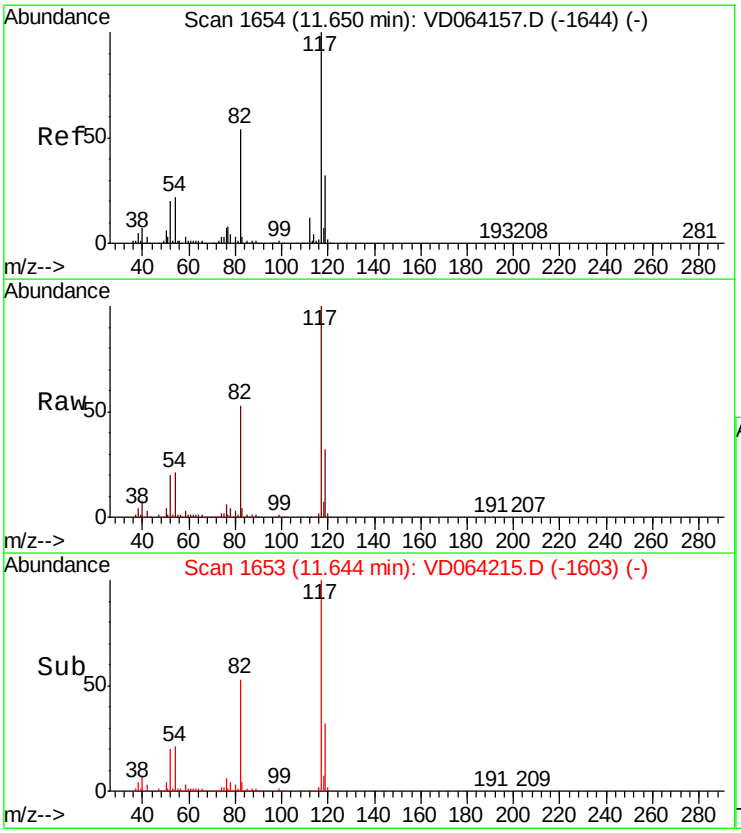
#62
4-Bromofluorobenzene
Concen: 55.519 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064215.D
Acq: 14 Nov 2019 15:07

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 505507

Ion	Ratio	Lower	Upper
95	100		
174	95.3	0.0	183.6
176	93.8	0.0	180.2

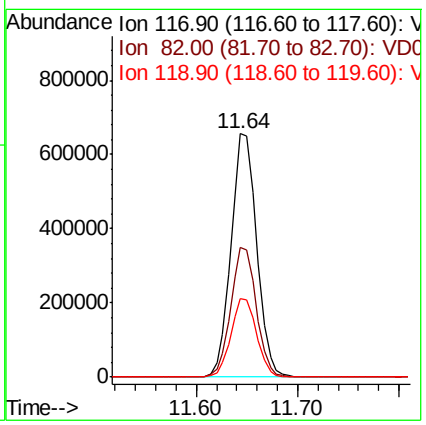


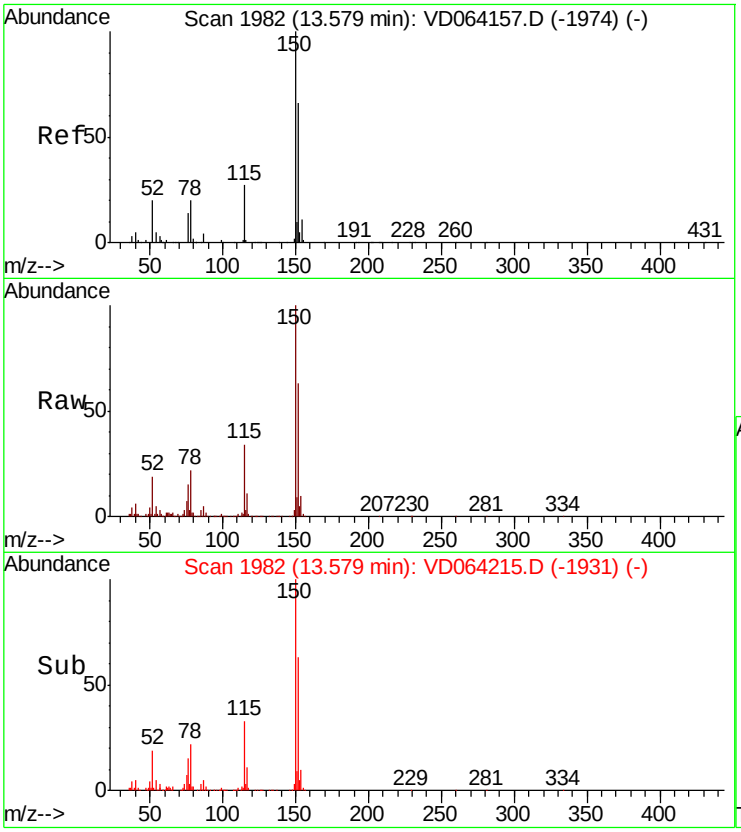


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064215.D
Acq: 14 Nov 2019 15:07

Tgt Ion:117 Resp: 1152988

Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.8	64.2
119	32.3	25.6	38.4



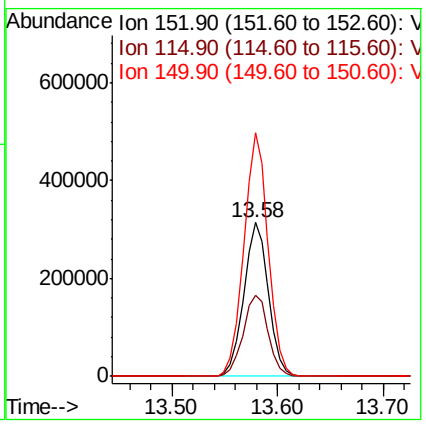


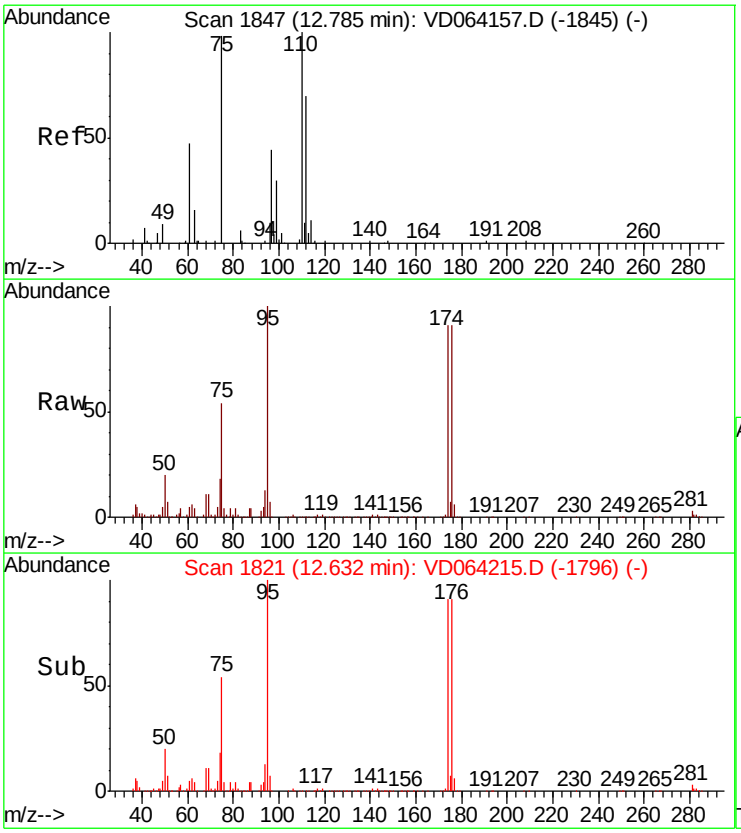
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD064215.D
Acq: 14 Nov 2019 15:07

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 505723

Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.4	82.2
150	155.9	0.0	351.6

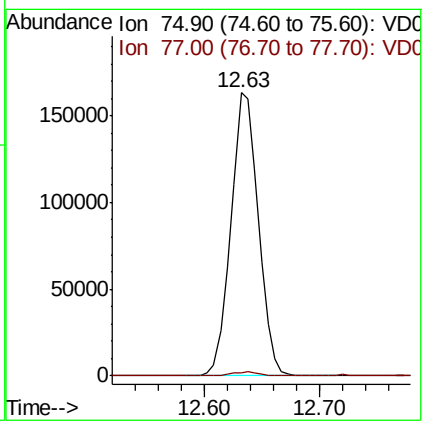


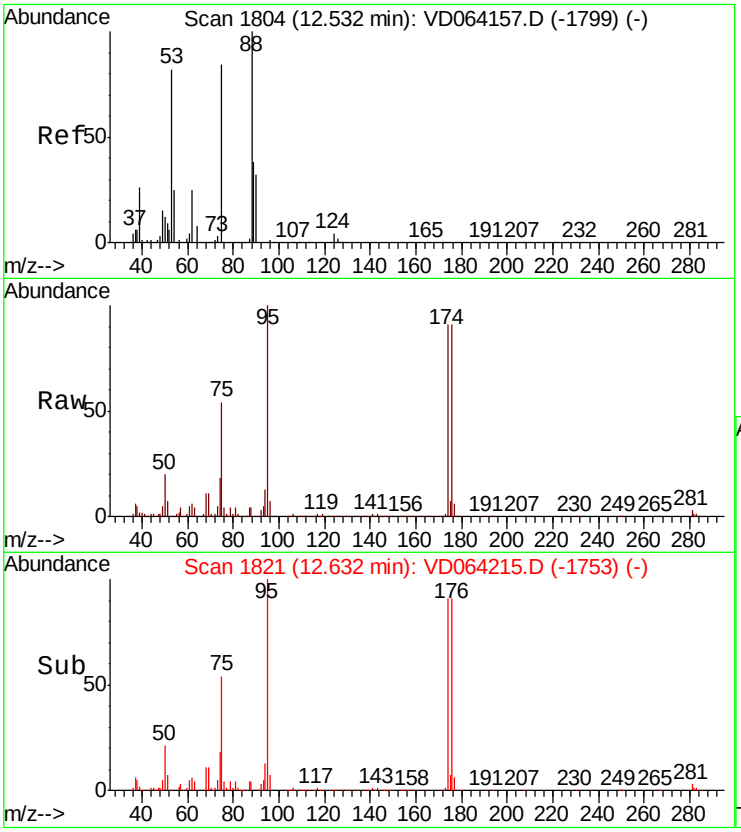


#76
1,2,3-Trichloropropane
Concen: 65.740 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD064215.D
Acq: 14 Nov 2019 15:07

Tgt Ion: 75 Resp: 267787

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



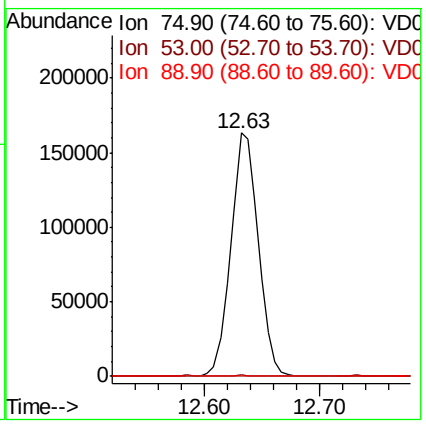


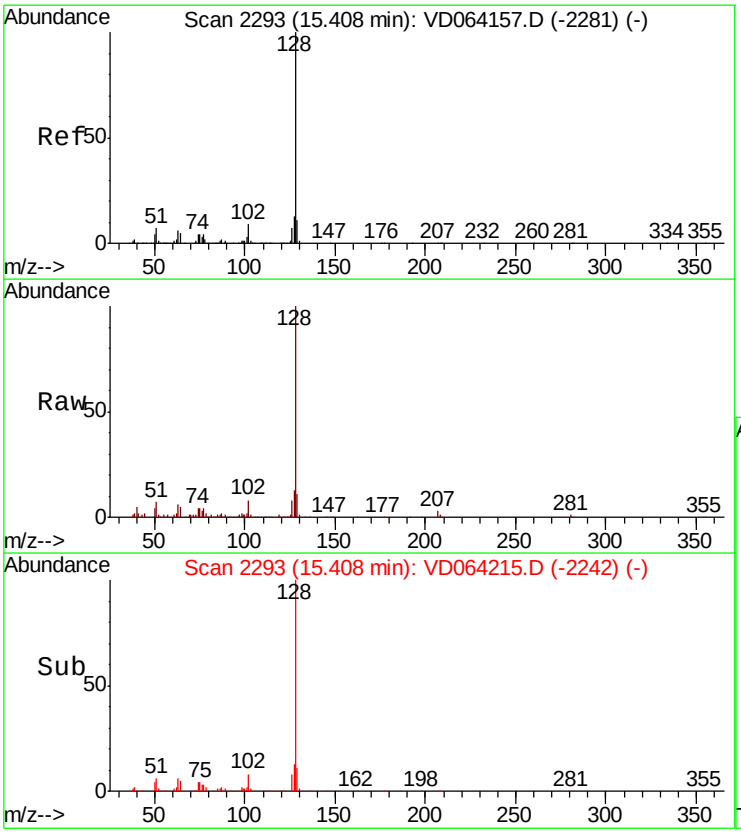
#81
trans-1,4-Dichloro-2-butene
Concen: 130.585 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD064215.D
Acq: 14 Nov 2019 15:07

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 267787

Ion	Ratio	Lower	Upper
75	100		
53	0.4	79.4	119.0#
89	0.0	36.6	55.0#





#95
Naphthalene
Concen: 10.800 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD064215.D
Acq: 14 Nov 2019 15:07

Tgt Ion:128 Resp: 193499

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.5	15.7
129	11.3	8.6	13.0