Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102919\
Data File : VD064090.D
Acq On : 29 Oct 2019 15:46
Operator : VA/SY
Sample : VD1029SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Oct 30 08:06:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 08:00:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	275007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	420919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	431246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	219753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	116483	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.52%			
35) Dibromofluoromethane	7.91	113	127786	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.70%			
50) Toluene-d8	10.34	98	508842	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.26%			
62) 4-Bromofluorobenzene	12.64	95	178230	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.82%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.26	59	270	8.283	ug/l #	71
13) Acrolein	3.91	56	162	1.162	ug/l #	16
15) Acrylonitrile	5.42	53	496	1.104	ug/l #	71
16) Acetone	4.16	43	1158	2.783	ug/l	89
20) Methylene Chloride	4.96	84	7658	Below Cal	#	72
25) 2-Butanone	7.21	43	1608	2.795	ug/l #	45
26) 2,2-Dichloropropane	7.21	77	3998	1.009	ug/l #	71
28) Bromochloromethane	7.56	49	439	2.508	ug/l #	80
29) Tetrahydrofuran	7.57	42	408	1.215	ug/l #	30
31) Cyclohexane	7.98	56	7708	1.895	ug/l #	73
36) 1,1-Dichloropropene	8.11	75	4076	1.033	ug/l #	86
51) 4-Methyl-2-Pentanone	10.23	43	2352	1.761	ug/l	87
56) Ethyl methacrylate	10.66	69	402	3.165	ug/l #	58
59) 2-Hexanone	11.00	43	1286	10.198	ug/l	70
76) 1,2,3-Trichloropropane	12.64	75	96504	65.355	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	96504	133.471	ug/l #	15

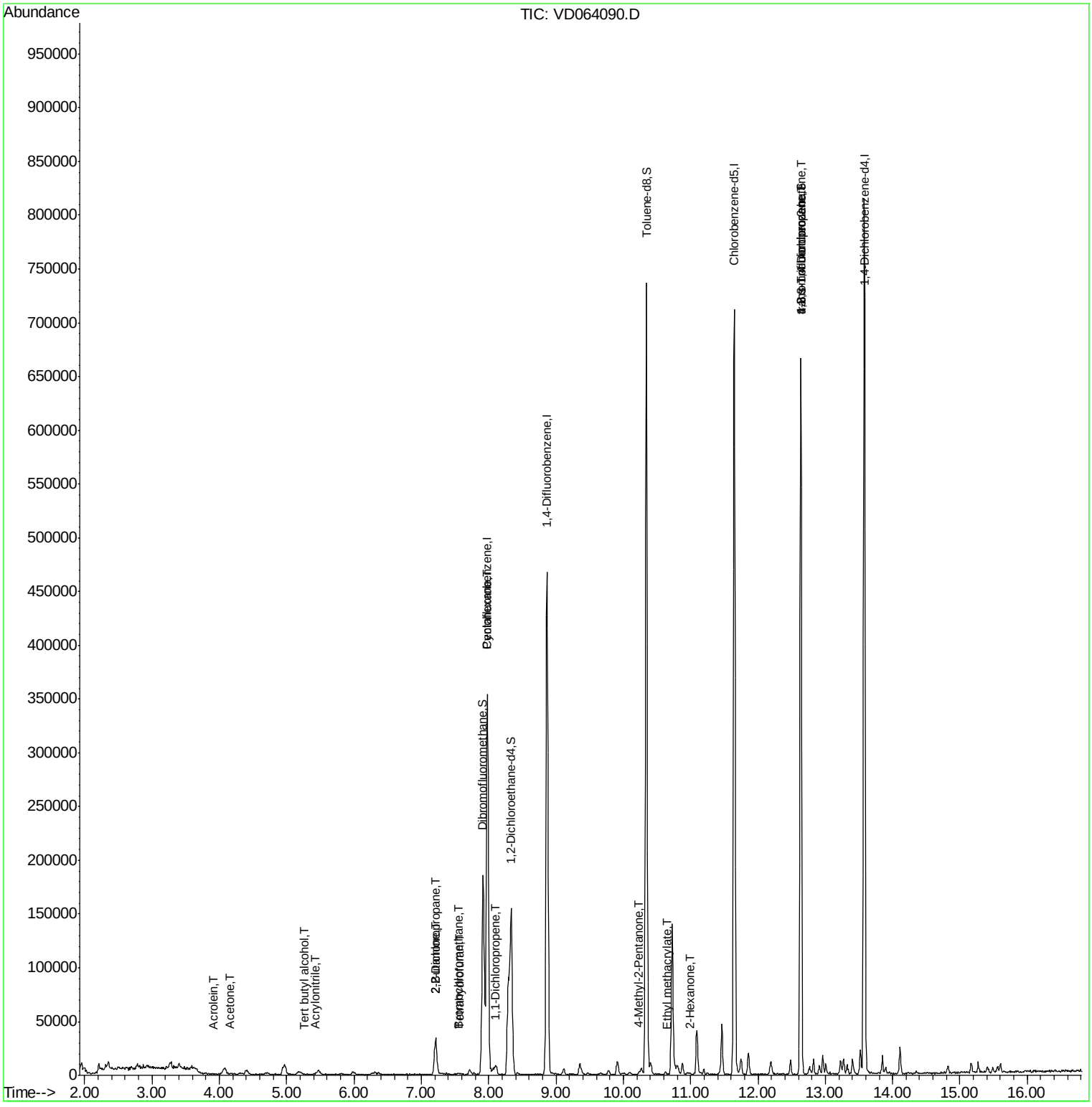
(#) = qualifier out of range (m) = manual integration (+) = signals summed

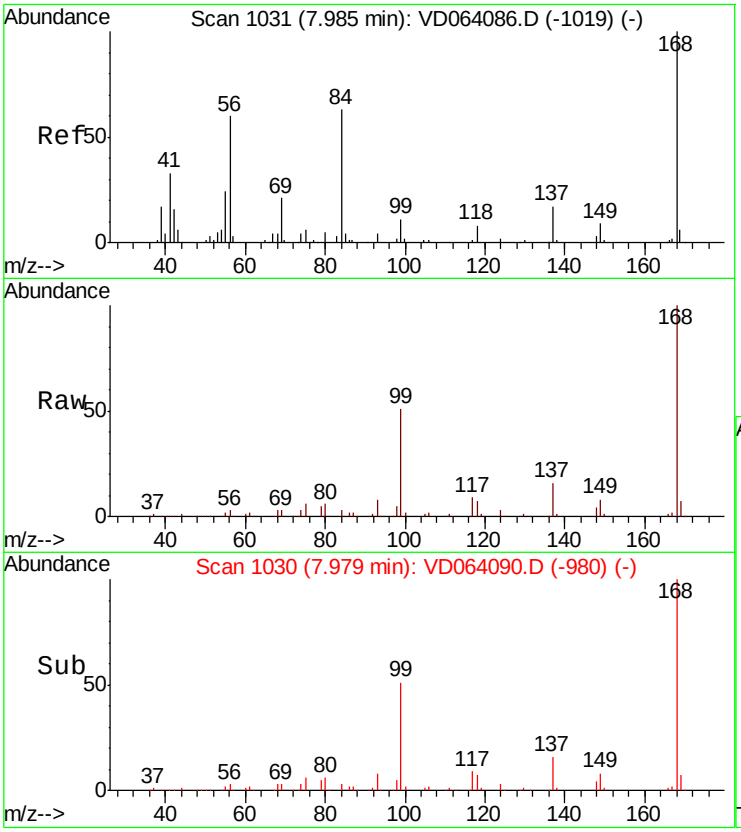
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102919\
Data File : VD064090.D
Acq On : 29 Oct 2019 15:46
Operator : VA/SY
Sample : VD1029SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 30 08:06:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 08:00:10 2019
Response via : Initial Calibration



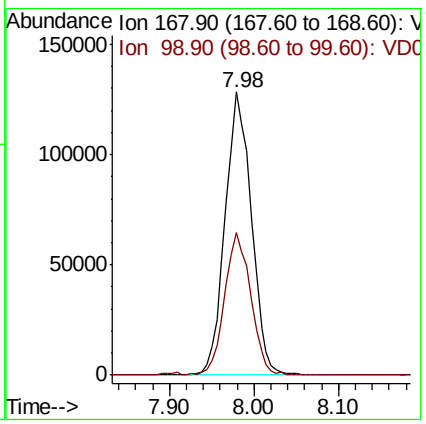


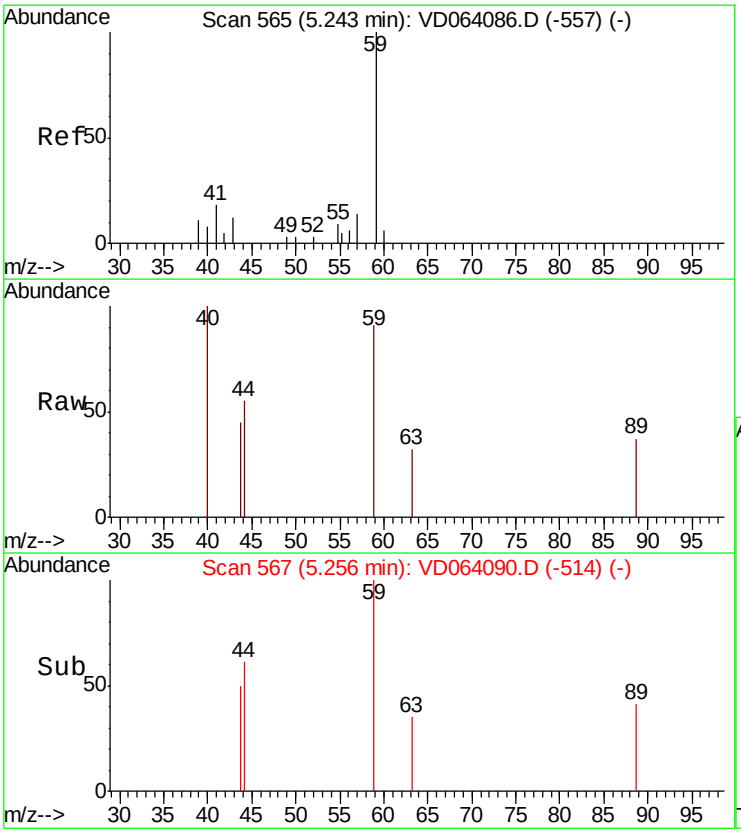
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 275007

Ion	Ratio	Lower	Upper
168	100		
99	50.5	37.6	56.4

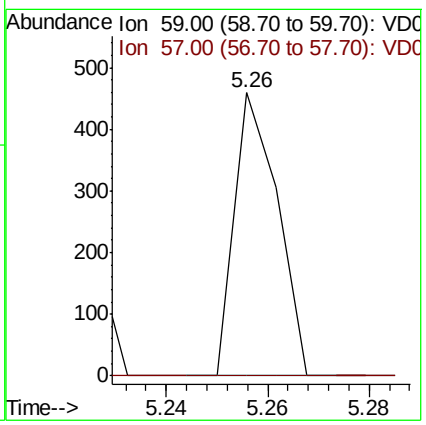


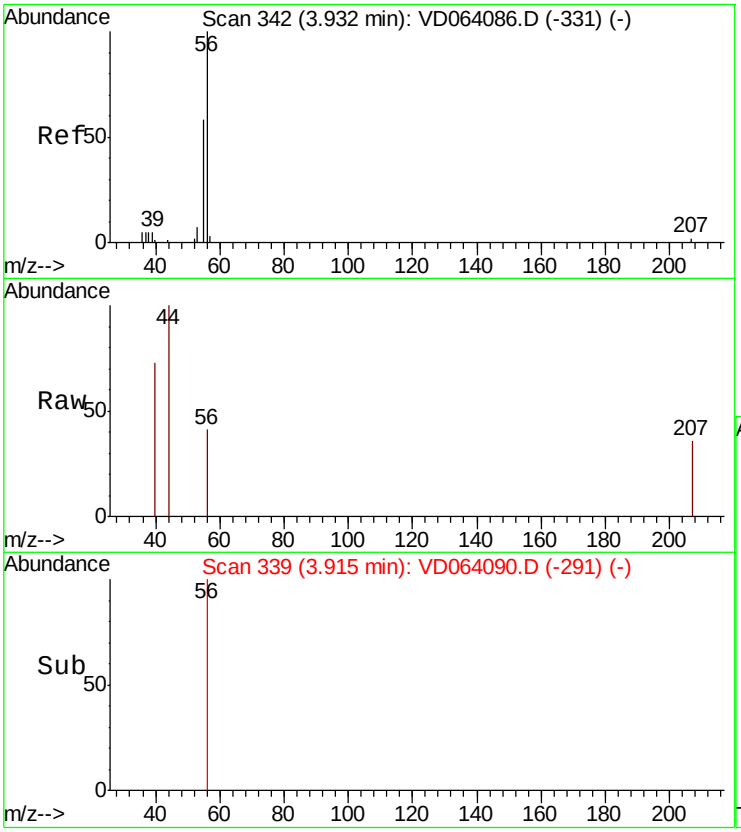


#11
Tert butyl alcohol
Concen: 8.283 ug/l
RT: 5.26 min Scan# 567
Delta R.T. 0.01 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Tgt Ion: 59 Resp: 270

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



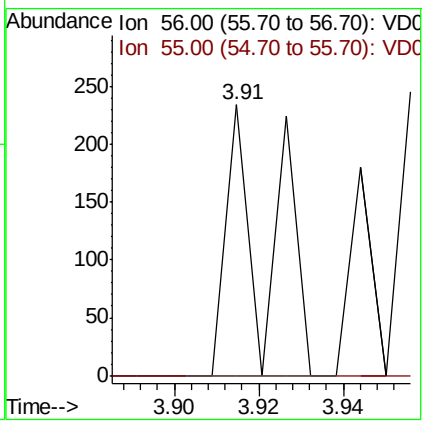


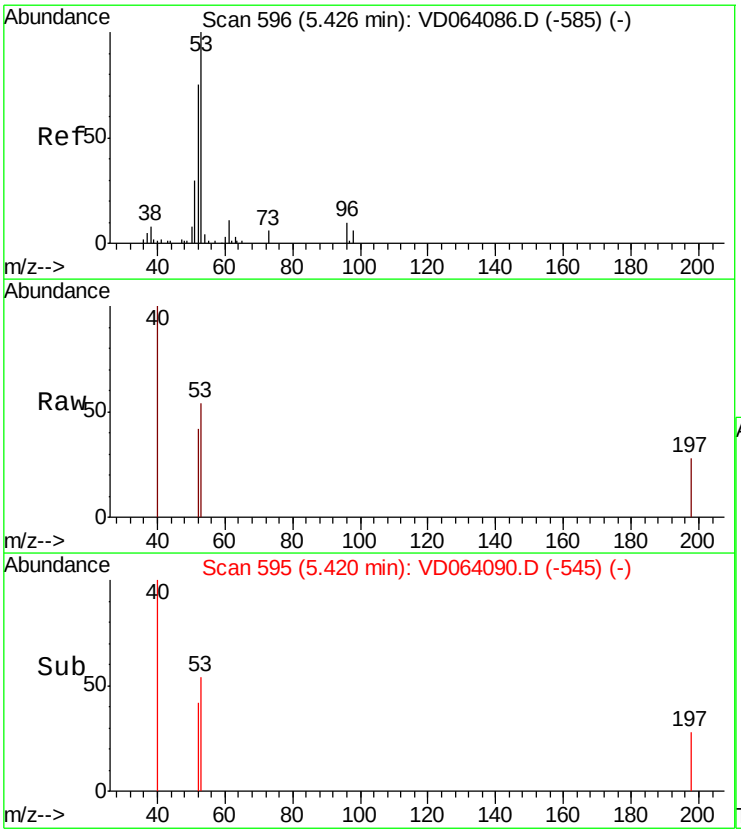
#13
Acrolein
Concen: 1.162 ug/l
RT: 3.91 min Scan# 339
Delta R.T. -0.02 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 162

Ion	Ratio	Lower	Upper
56	100		
55	0.0	53.8	80.6#

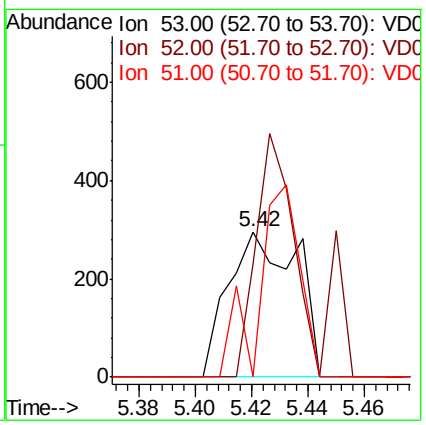


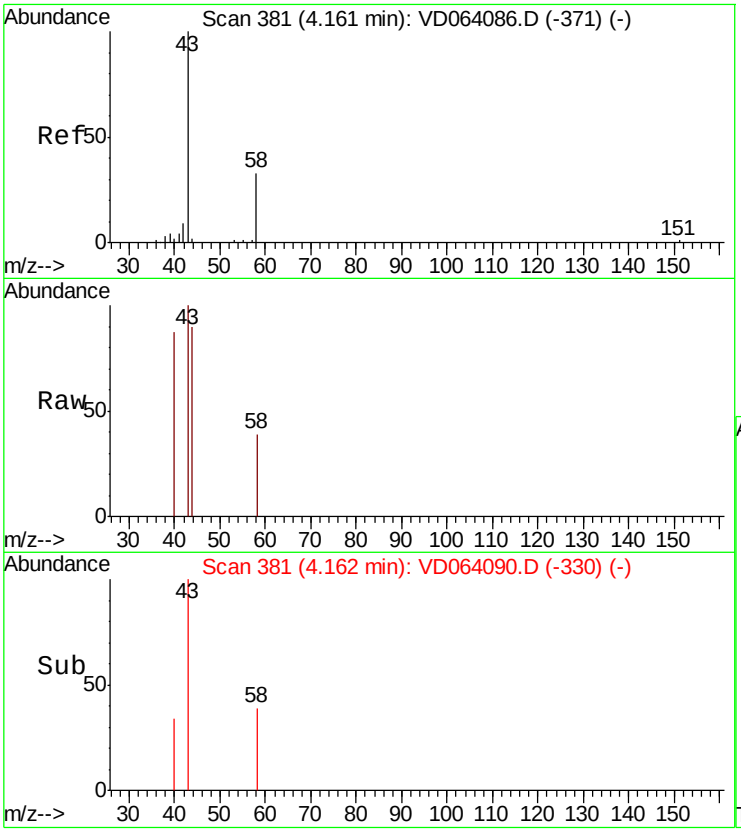


#15
Acrylonitrile
Concen: 1.104 ug/l
RT: 5.42 min Scan# 595
Delta R.T. -0.01 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Tgt Ion: 53 Resp: 496

Ion	Ratio	Lower	Upper
53	100		
52	90.9	66.2	99.4
51	80.0	29.0	43.6#



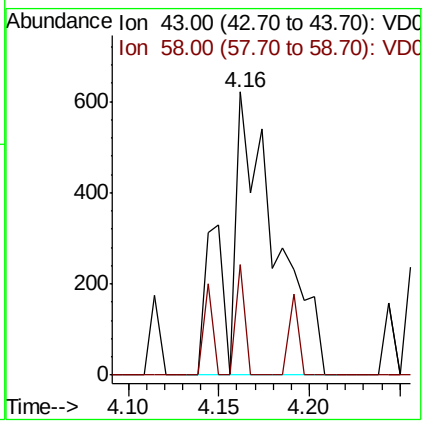


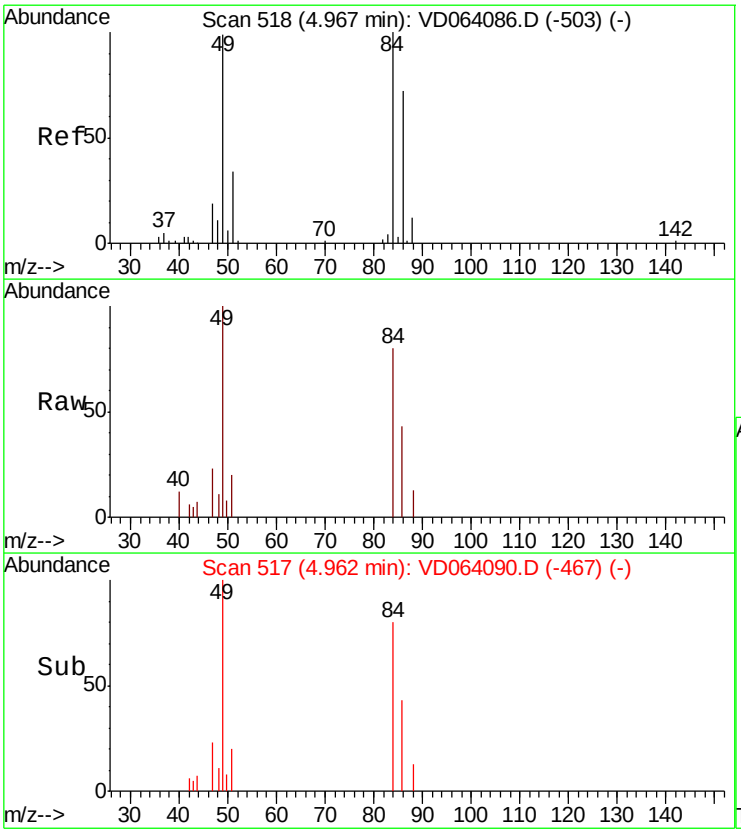
#16
Acetone
Concen: 2.783 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.00 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 1158

Ion	Ratio	Lower	Upper
43	100		
58	39.0	26.3	39.5

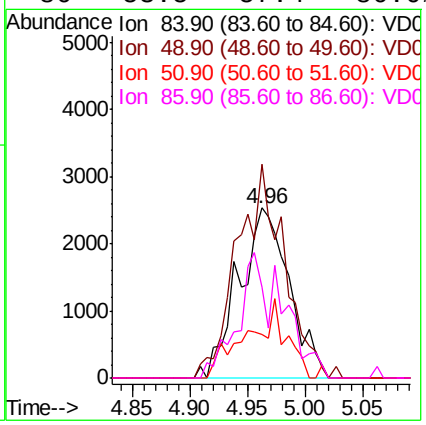


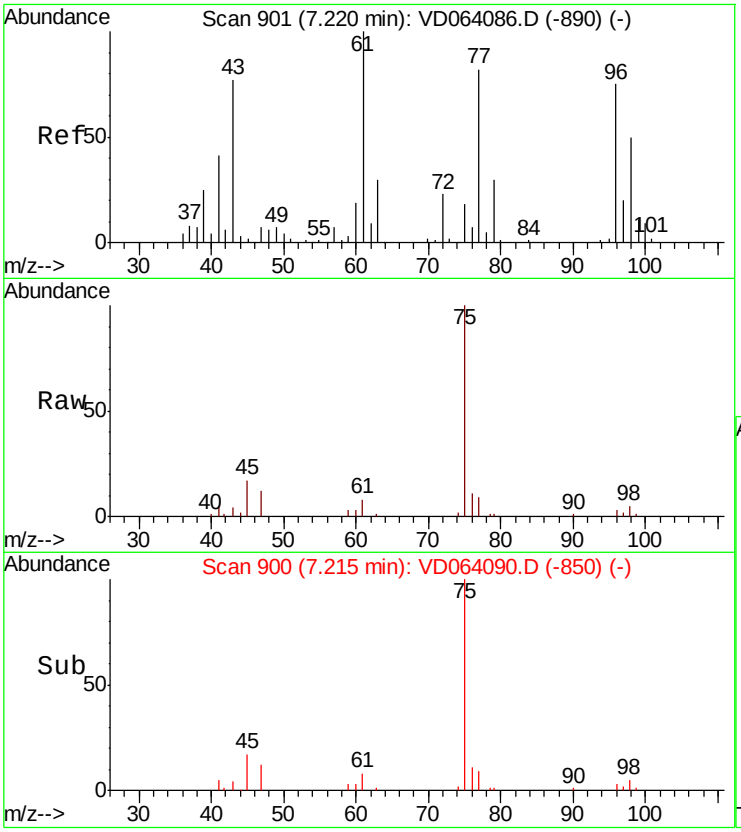


#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Tgt Ion: 84 Resp: 7658

Ion	Ratio	Lower	Upper
84	100		
49	135.8	79.4	119.0#
51	25.8	27.4	41.2#
86	53.5	57.4	86.0#



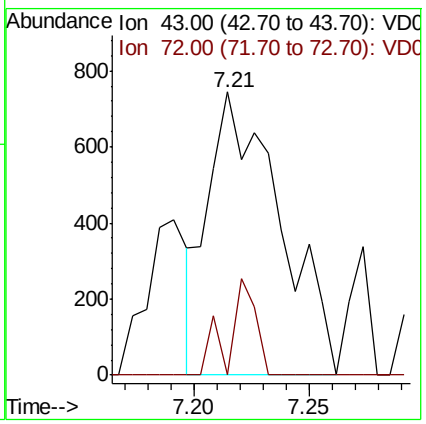


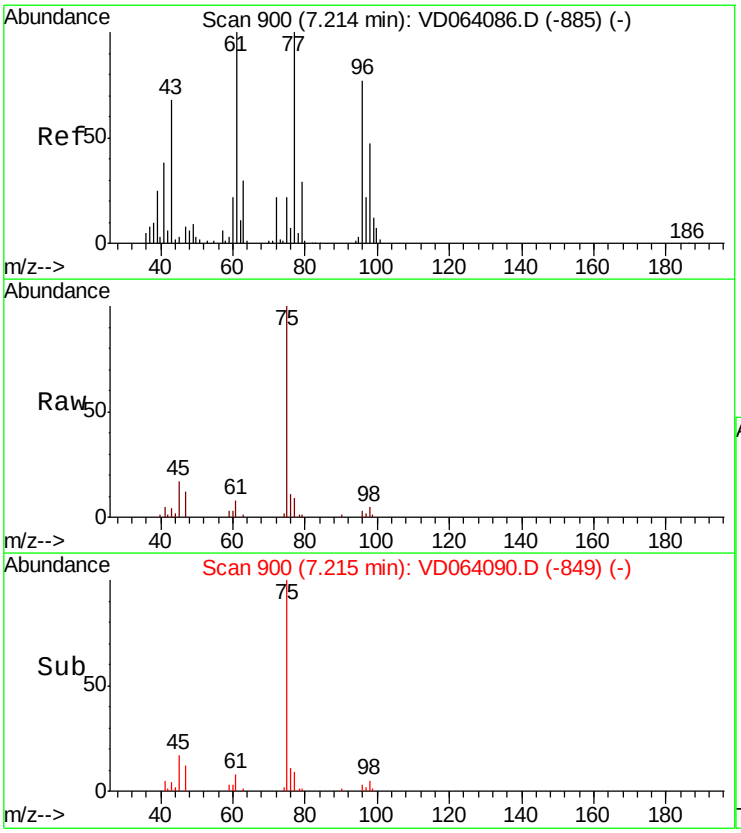
#25
2-Butanone
Concen: 2.795 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.01 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 1608

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.4	35.0#

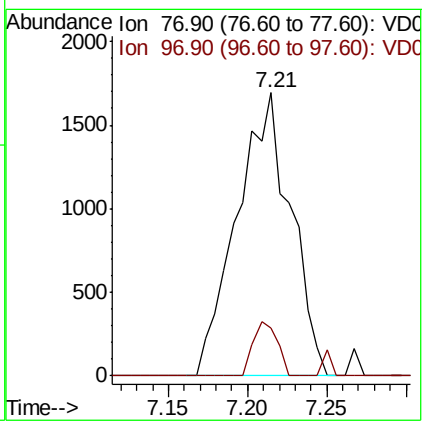


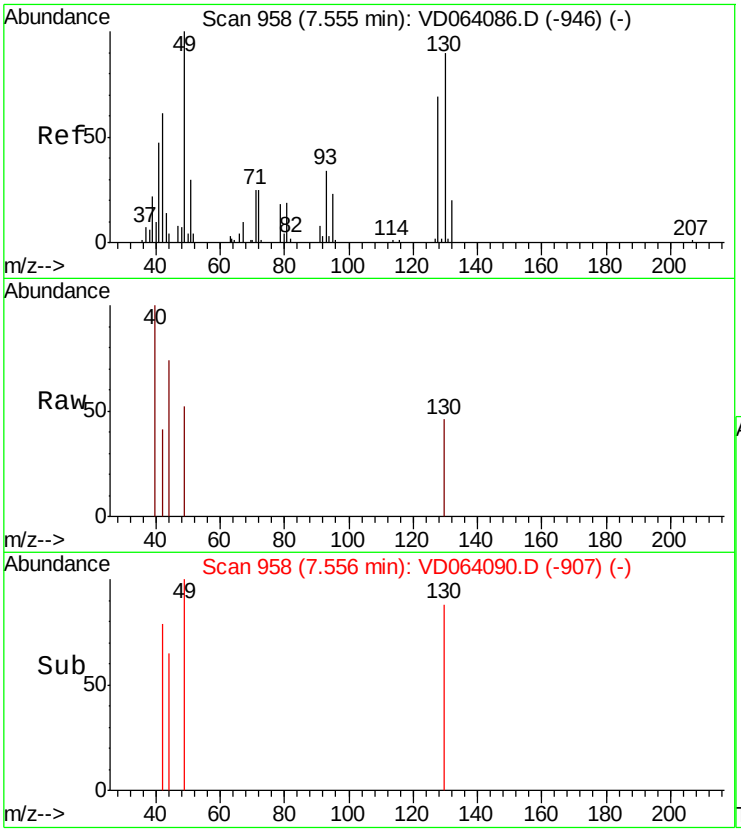


#26
2,2-Dichloropropane
Concen: 1.009 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Tgt Ion: 77 Resp: 3998

Ion	Ratio	Lower	Upper
77	100		
97	8.6	11.2	33.5#



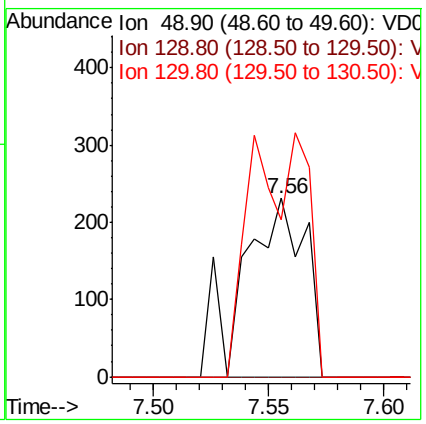


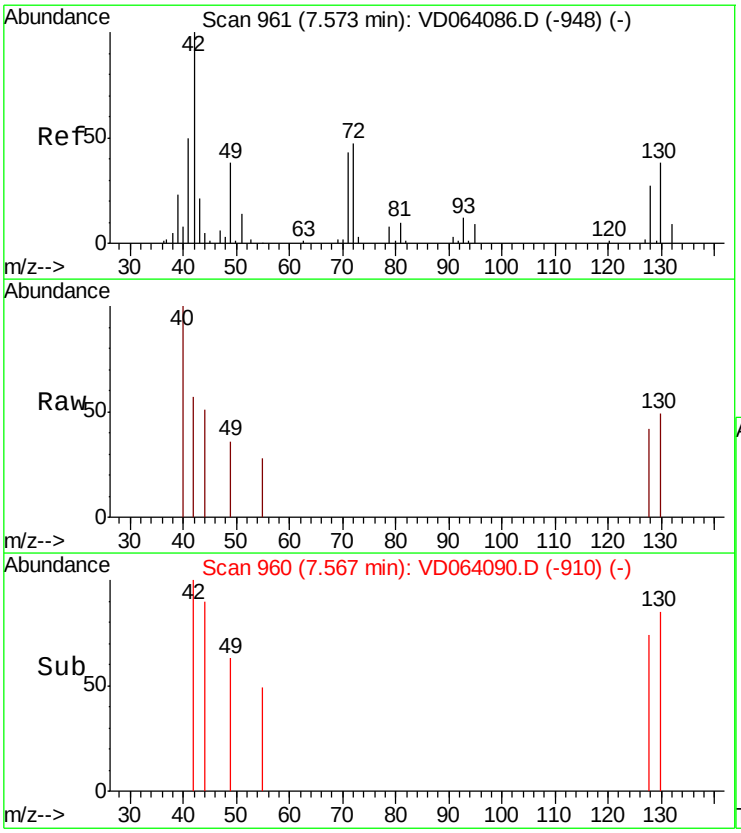
#28
Bromochloromethane
Concen: 2.508 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.00 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 49 Resp: 439

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.4
130	74.9	75.3	112.9#

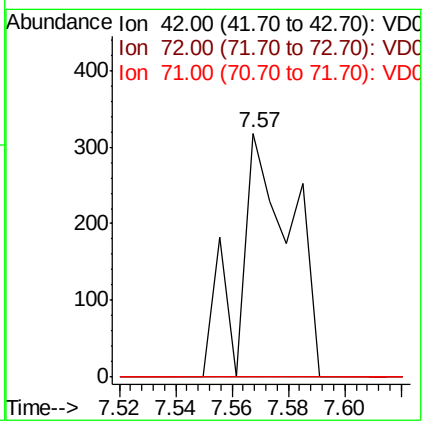


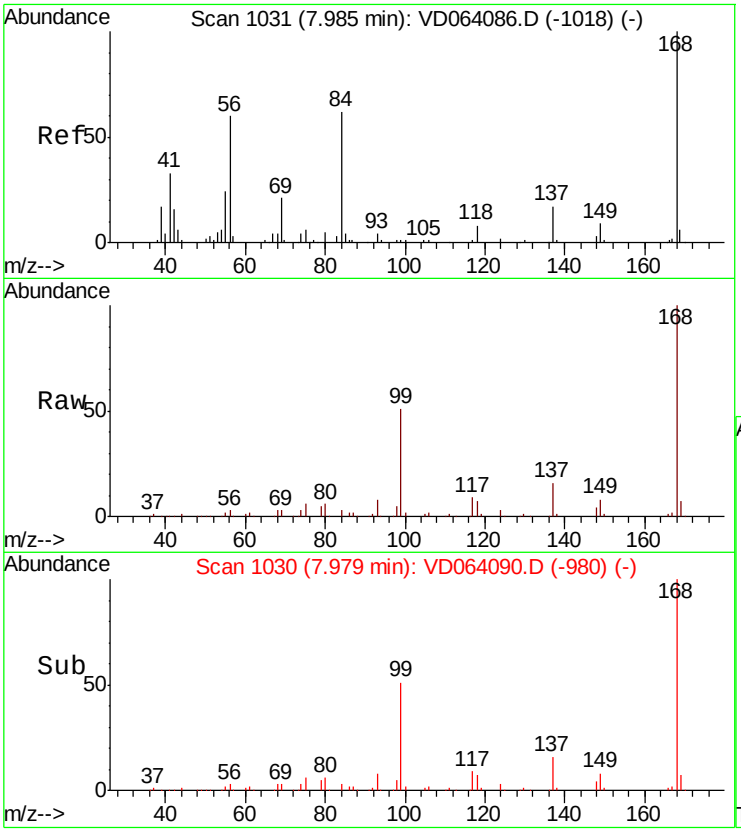


#29
Tetrahydrofuran
Concen: 1.215 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Tgt Ion: 42 Resp: 408

Ion	Ratio	Lower	Upper
42	100		
72	0.0	38.9	58.3#
71	0.0	35.4	53.2#



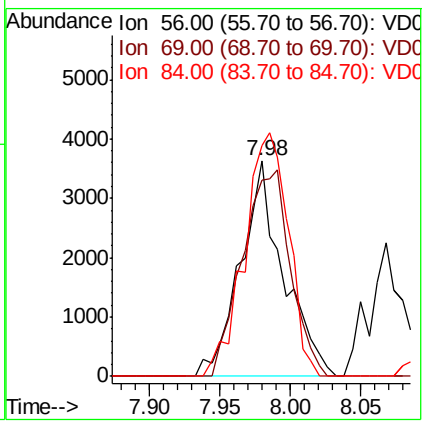


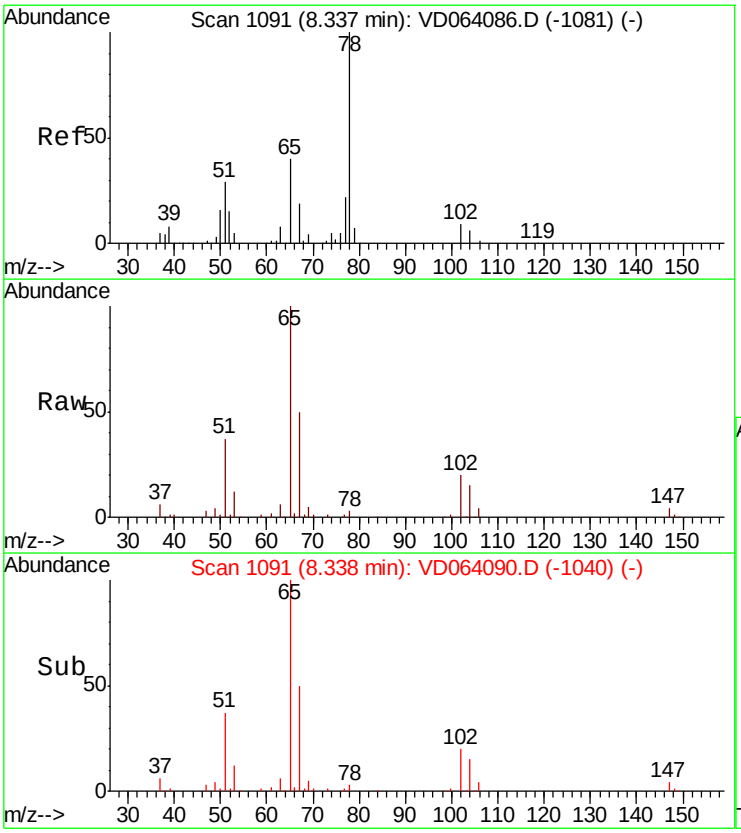
#31
Cyclohexane
Concen: 1.895 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 7708

Ion	Ratio	Lower	Upper
56	100		
69	90.7	27.7	41.5#
84	107.2	83.1	124.7

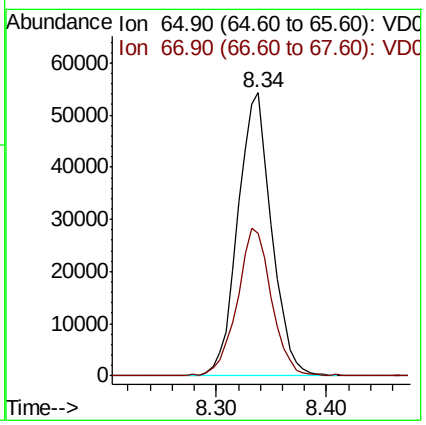


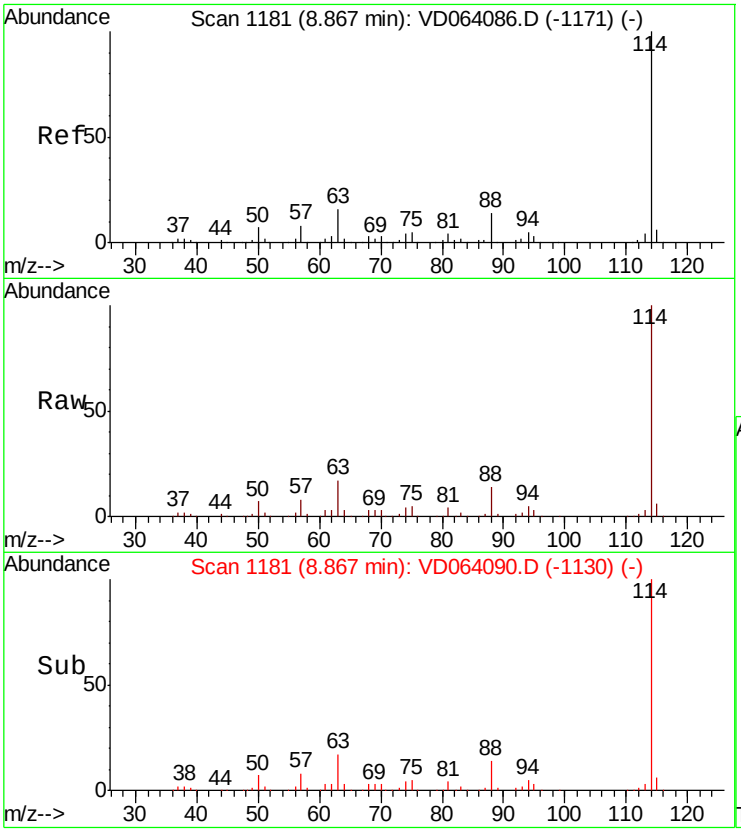


#33
1,2-Dichloroethane-d4
Concen: 53.258 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Tgt Ion: 65 Resp: 116483

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	104.6



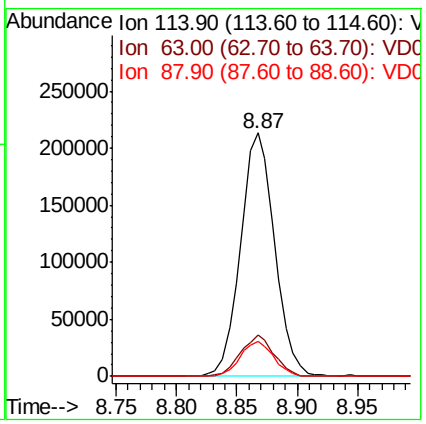


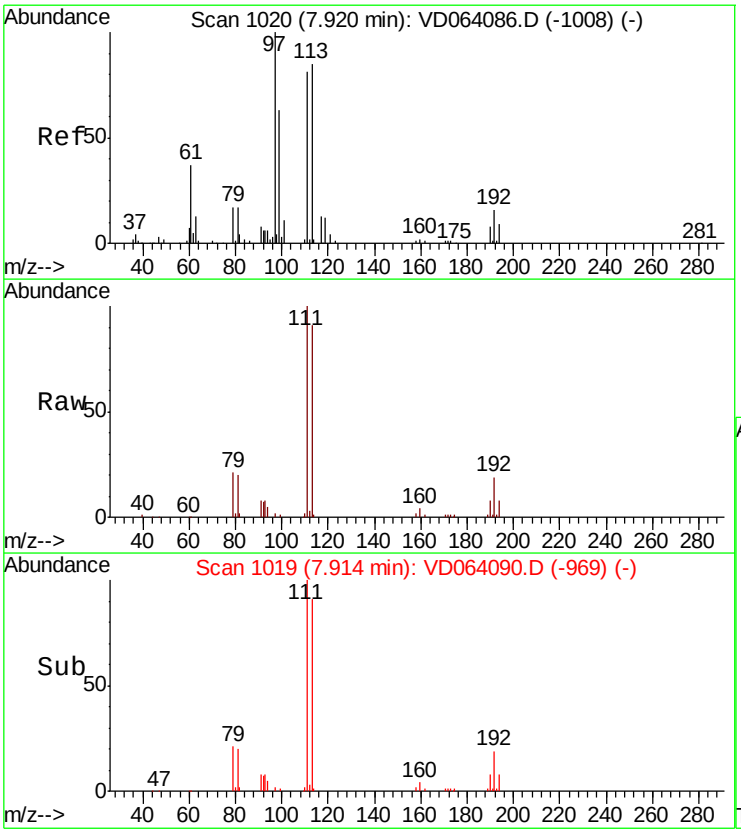
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 420919

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	32.8
88	14.3	0.0	27.6

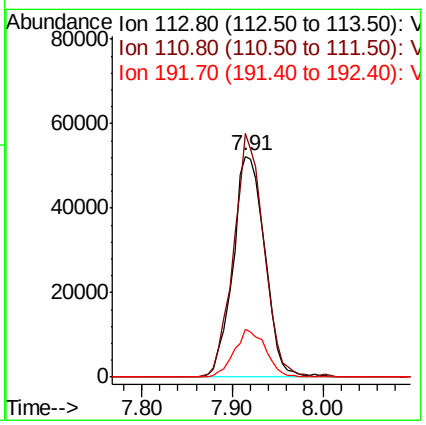


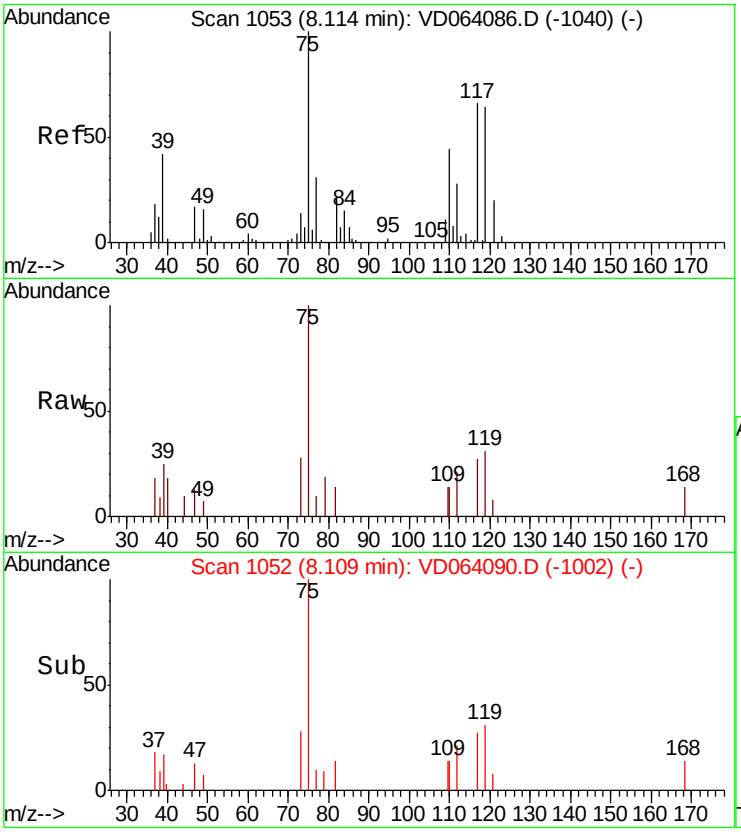


#35
Dibromofluoromethane
Concen: 49.346 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Tgt Ion:113 Resp: 127786

Ion	Ratio	Lower	Upper
113	100		
111	104.5	79.3	118.9
192	21.1	16.2	24.2



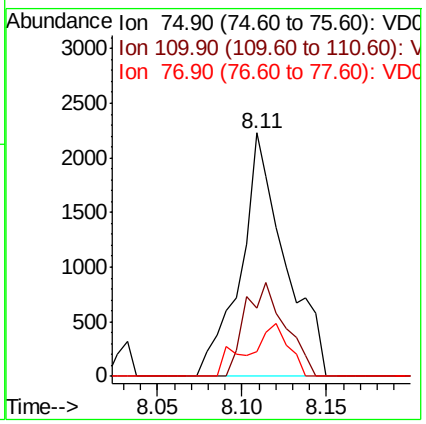


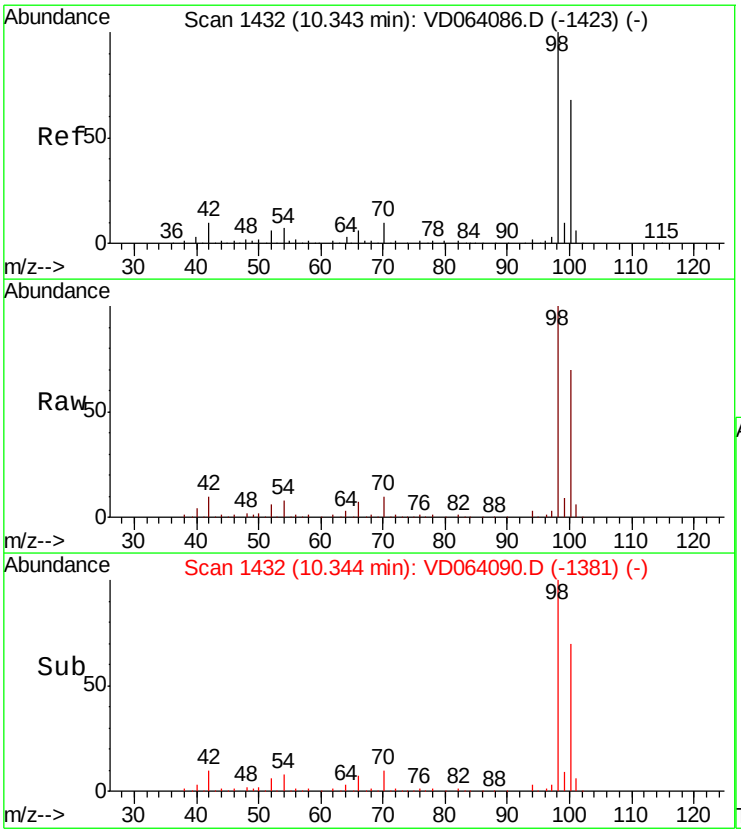
#36
1,1-Dichloropropene
Concen: 1.033 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 4076

Ion	Ratio	Lower	Upper
75	100		
110	34.8	20.0	59.9
77	19.7	24.7	37.1#

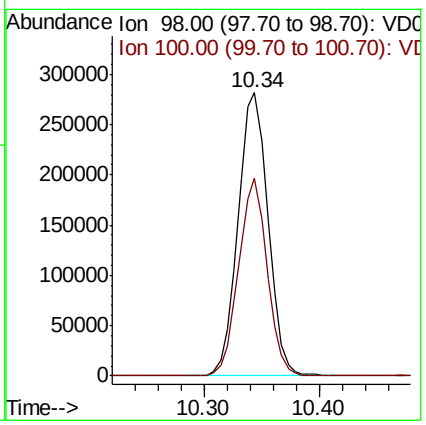


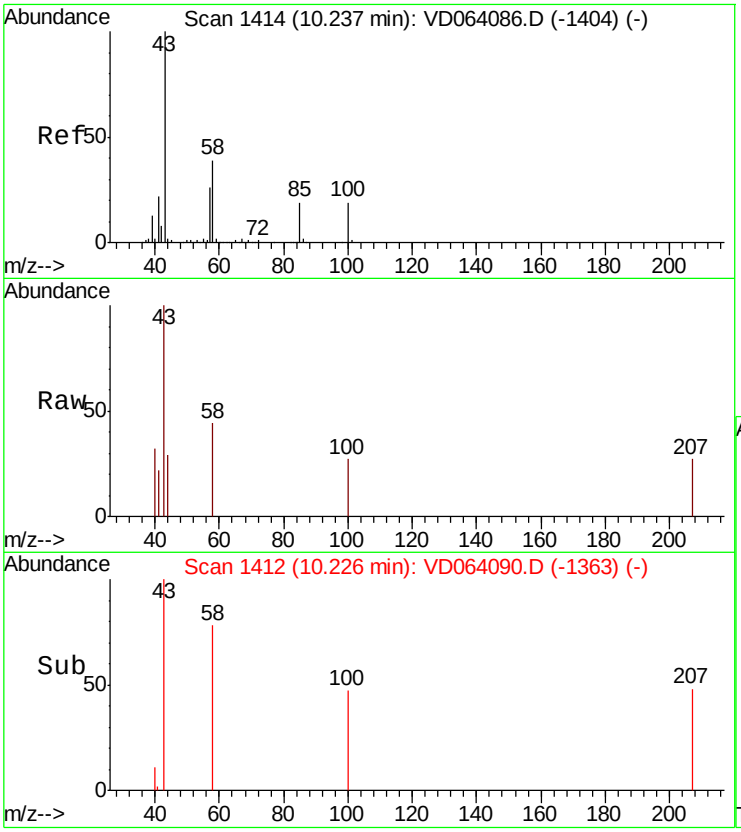


#50
Toluene-d8
Concen: 49.134 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Tgt Ion: 98 Resp: 508842

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.4	80.0



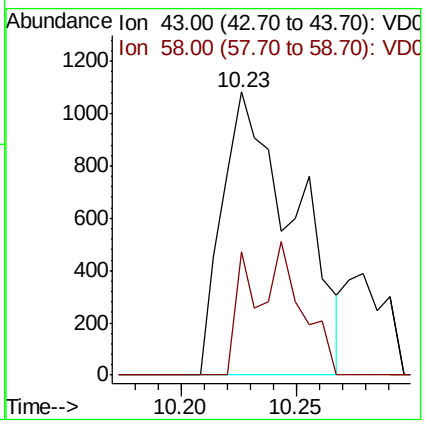


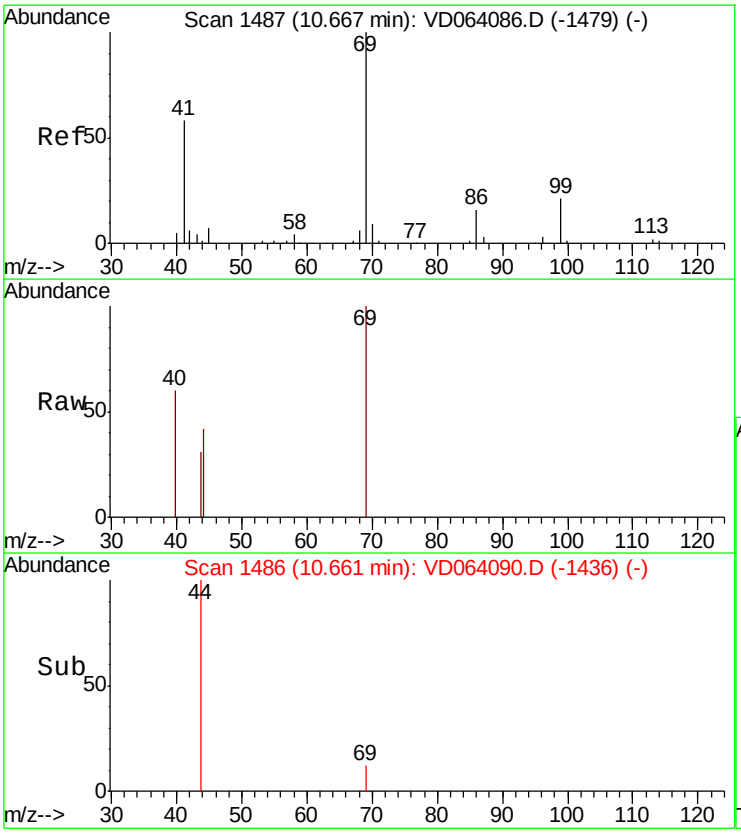
#51
4-Methyl-2-Pentanone
Concen: 1.761 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.01 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 2352

Ion	Ratio	Lower	Upper
43	100		
58	33.0	33.0	49.4

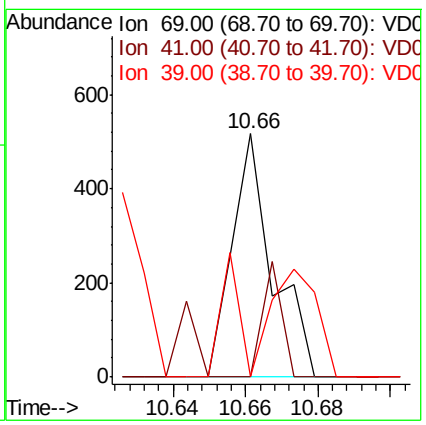


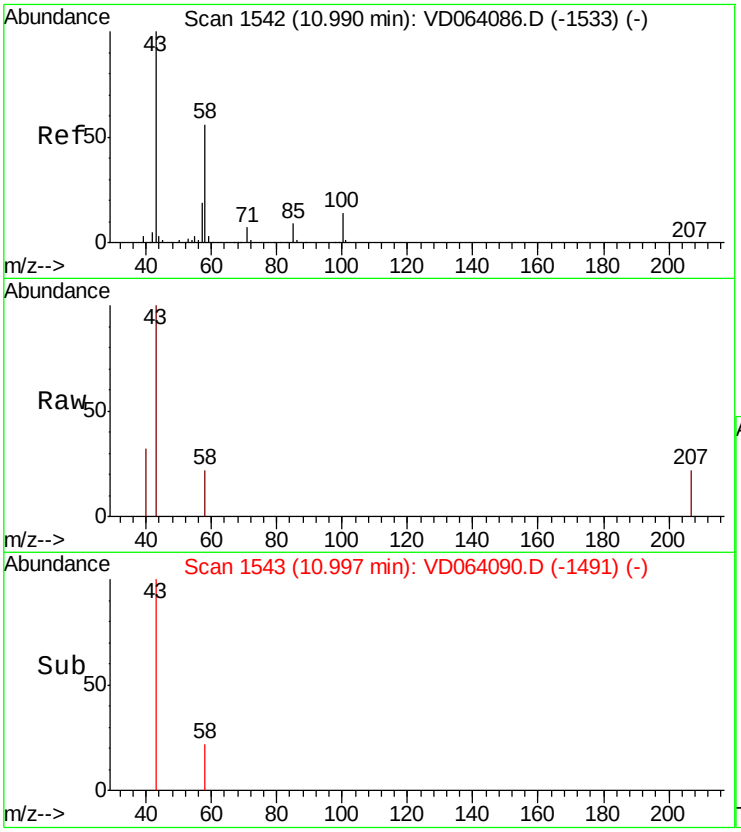


#56
Ethyl methacrylate
Concen: 3.165 ug/l
RT: 10.66 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Tgt Ion: 69 Resp: 402

Ion	Ratio	Lower	Upper
69	100		
41	21.4	46.9	70.3#
39	50.5	27.3	40.9#



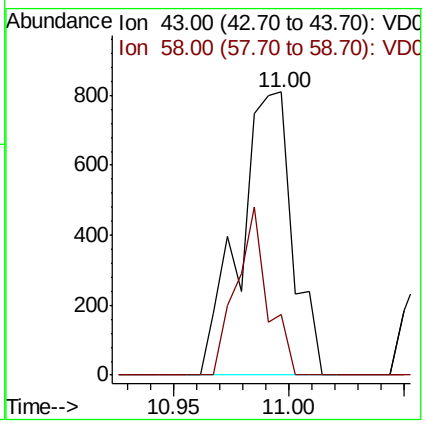


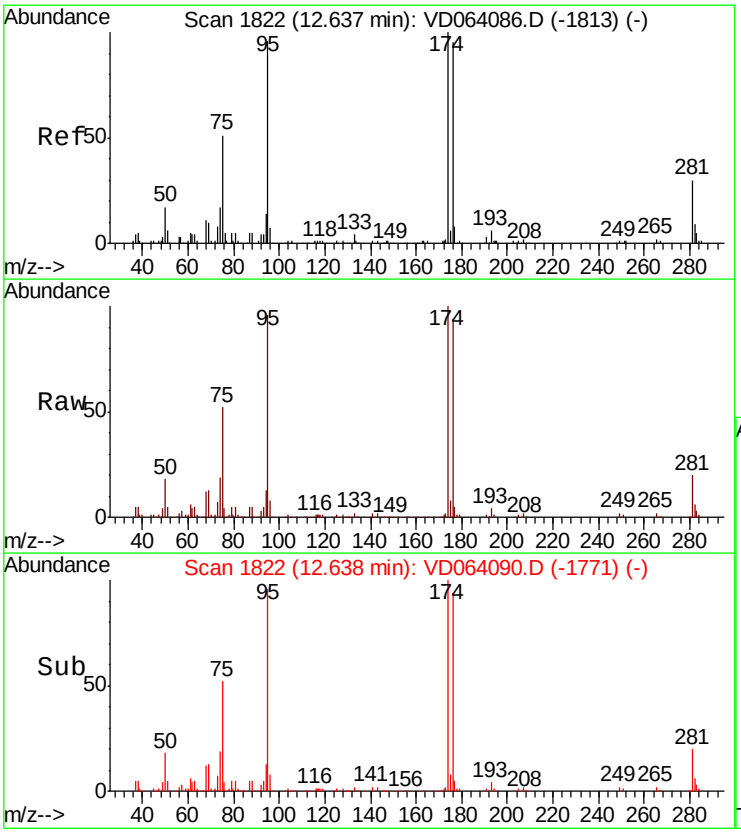
#59
2-Hexanone
Concen: 10.198 ug/l
RT: 11.00 min Scan# 1543
Delta R.T. 0.01 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 1286

Ion	Ratio	Lower	Upper
43	100		
58	35.7	29.2	87.6

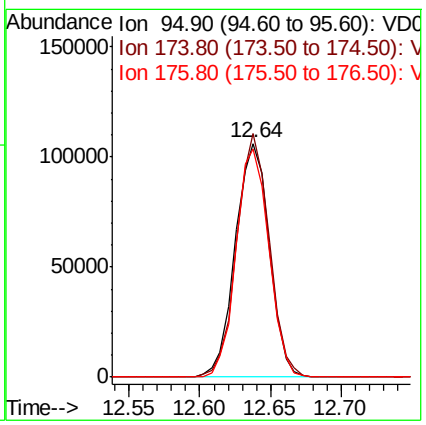


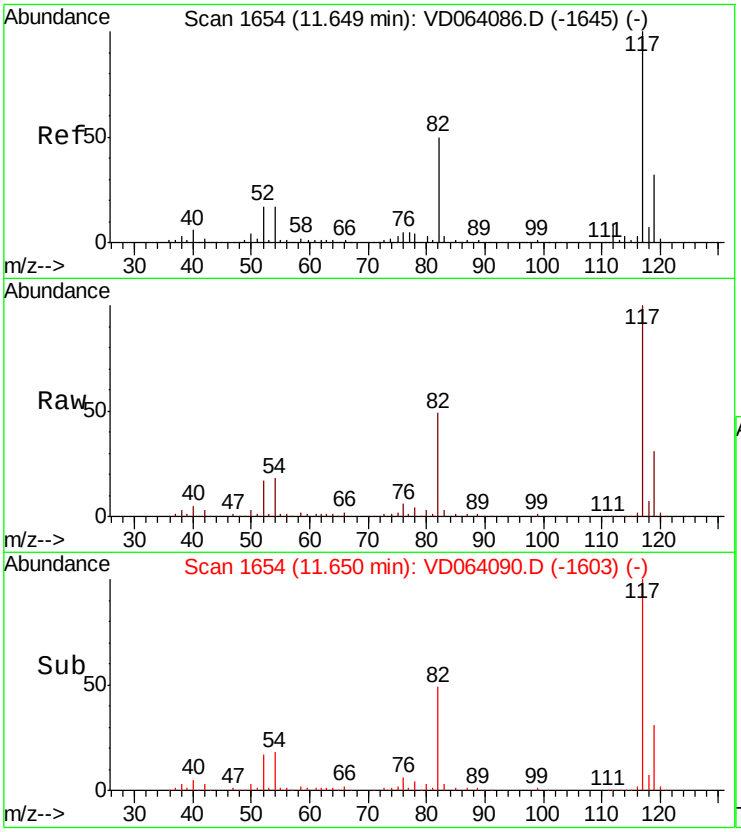


#62
4-Bromofluorobenzene
Concen: 51.910 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Tgt Ion: 95 Resp: 178230

Ion	Ratio	Lower	Upper
95	100		
174	99.9	0.0	201.6
176	94.9	0.0	192.6



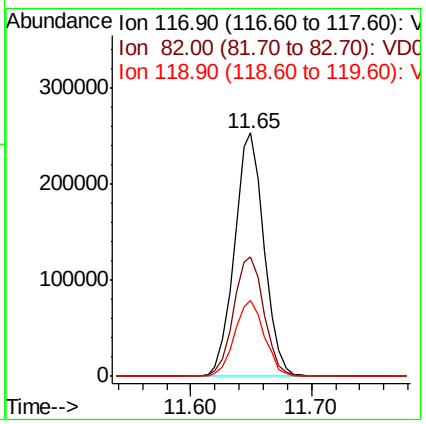


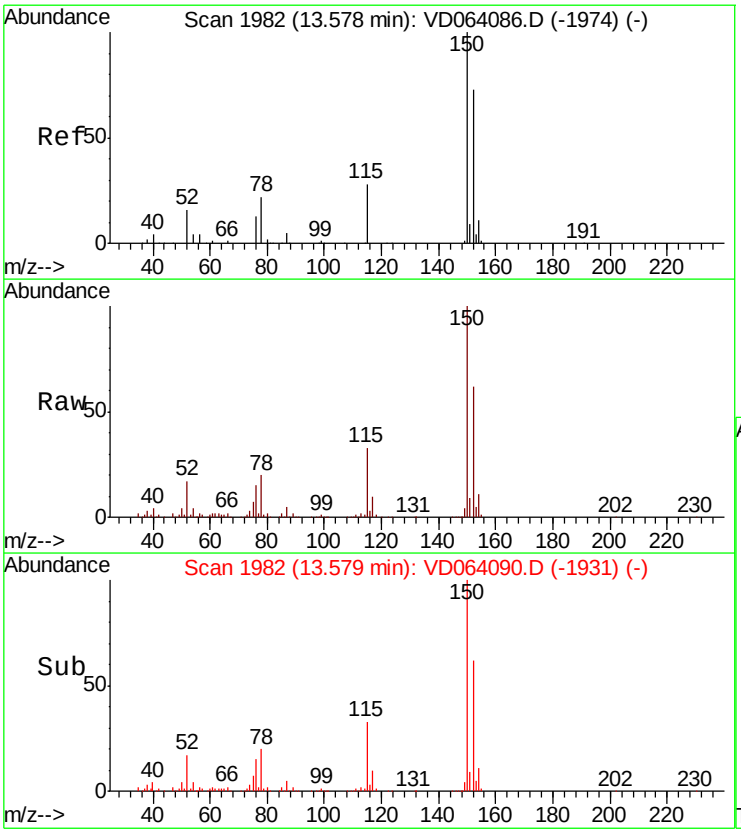
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 431246

Ion	Ratio	Lower	Upper
117	100		
82	48.9	40.2	60.4
119	31.0	26.0	39.0

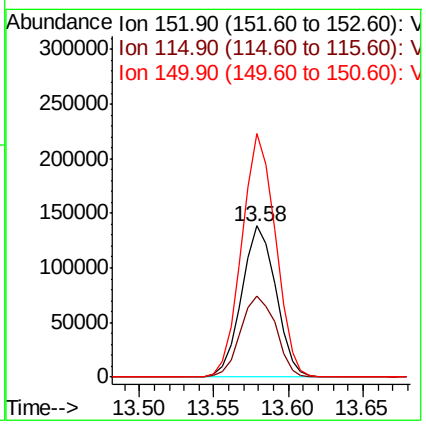


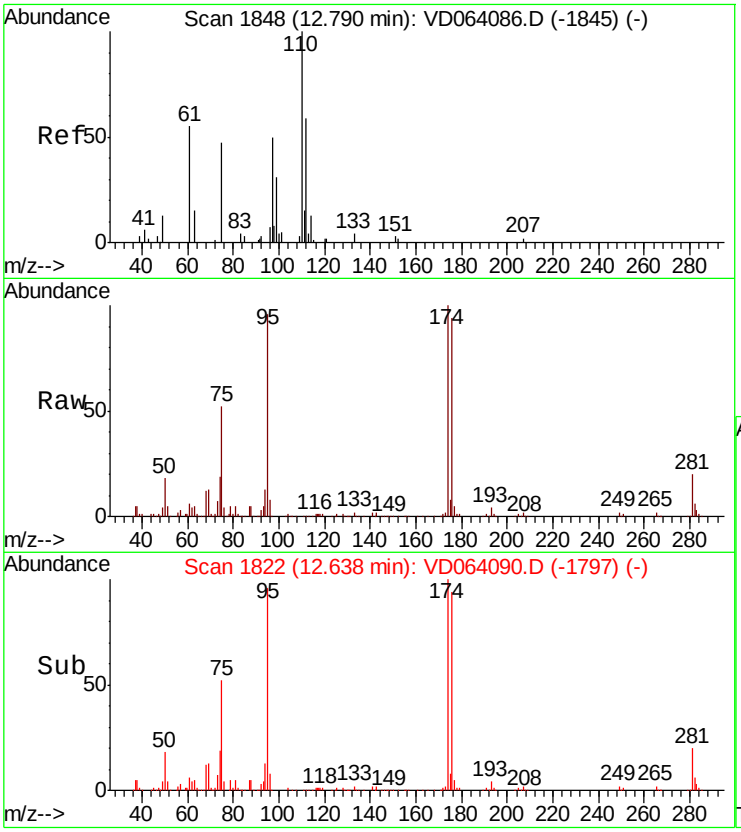


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Tgt Ion:152 Resp: 219753

Ion	Ratio	Lower	Upper
152	100		
115	55.4	26.2	78.6
150	159.4	0.0	338.8



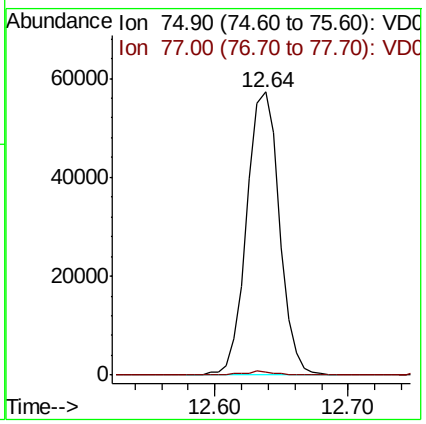


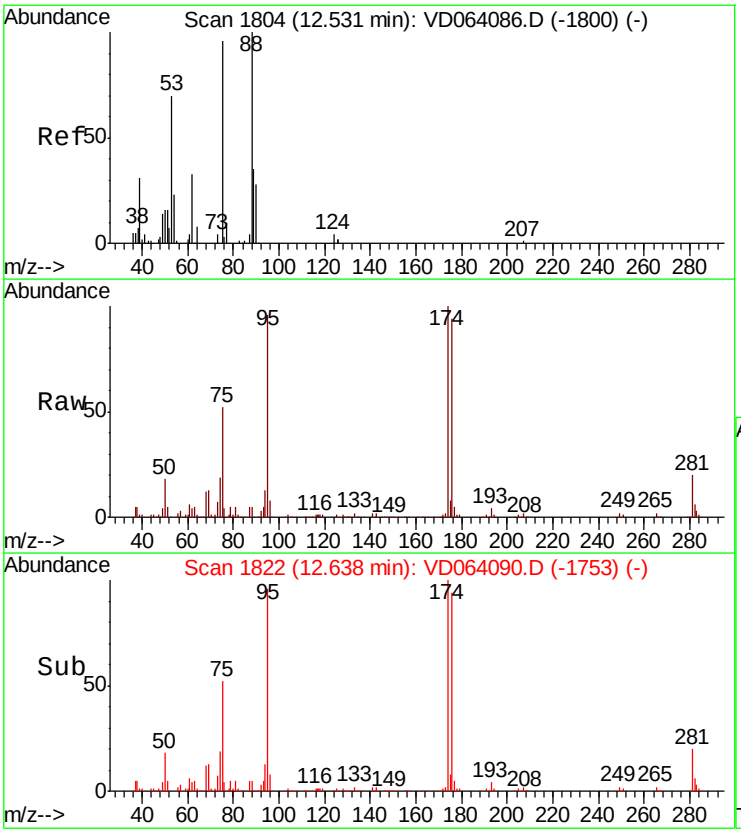
#76
1,2,3-Trichloropropane
Concen: 65.355 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 96504

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 133.471 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD064090.D
Acq: 29 Oct 2019 15:46

Tgt Ion: 75 Resp: 96504

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.6	103.0#
89	0.2	36.9	55.3#