Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\

Quantitation Report (Not Reviewed)

Data File : VW012971.D
Acq On : 13 Sep 2019 23:33
Operator : SY/VA
Sample : K4719-09
Misc : 5.93G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : T4-4-(1.5)-BRUCKNER

Quant Time: Sep 14 04:25:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	384818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	89428	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	138917	58.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.48%			
35) Dibromofluoromethane	7.88	113	117748	56.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.78%			
50) Toluene-d8	10.32	98	437775	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.16%			
62) 4-Bromofluorobenzene	12.62	95	112812	38.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.80%			
Target Compounds						Qvalue
3) Chloromethane	2.21	50	237	Below Cal		94
8) Diethyl Ether	3.68	74	1541	1.540	ug/l	67
11) Tert butyl alcohol	5.18	59	467	Below Cal	#	72
13) Acrolein	3.73	56	31	Below Cal	#	15
16) Acetone	4.15	43	2376	Below Cal		98
20) Methylene Chloride	4.91	84	12530	1.530	ug/l	96
26) 2,2-Dichloropropane	7.17	77	582	Below Cal	#	55
29) Tetrahydrofuran	7.54	42	3619	8.446	ug/l	93
31) Cyclohexane	7.95	56	5452	Below Cal	#	1
36) 1,1-Dichloropropene	7.95	75	19348	6.292	ug/l #	51
38) Carbon Tetrachloride	7.95	117	24670	7.829	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	59880	76.444	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	59880	173.412	ug/l #	7

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

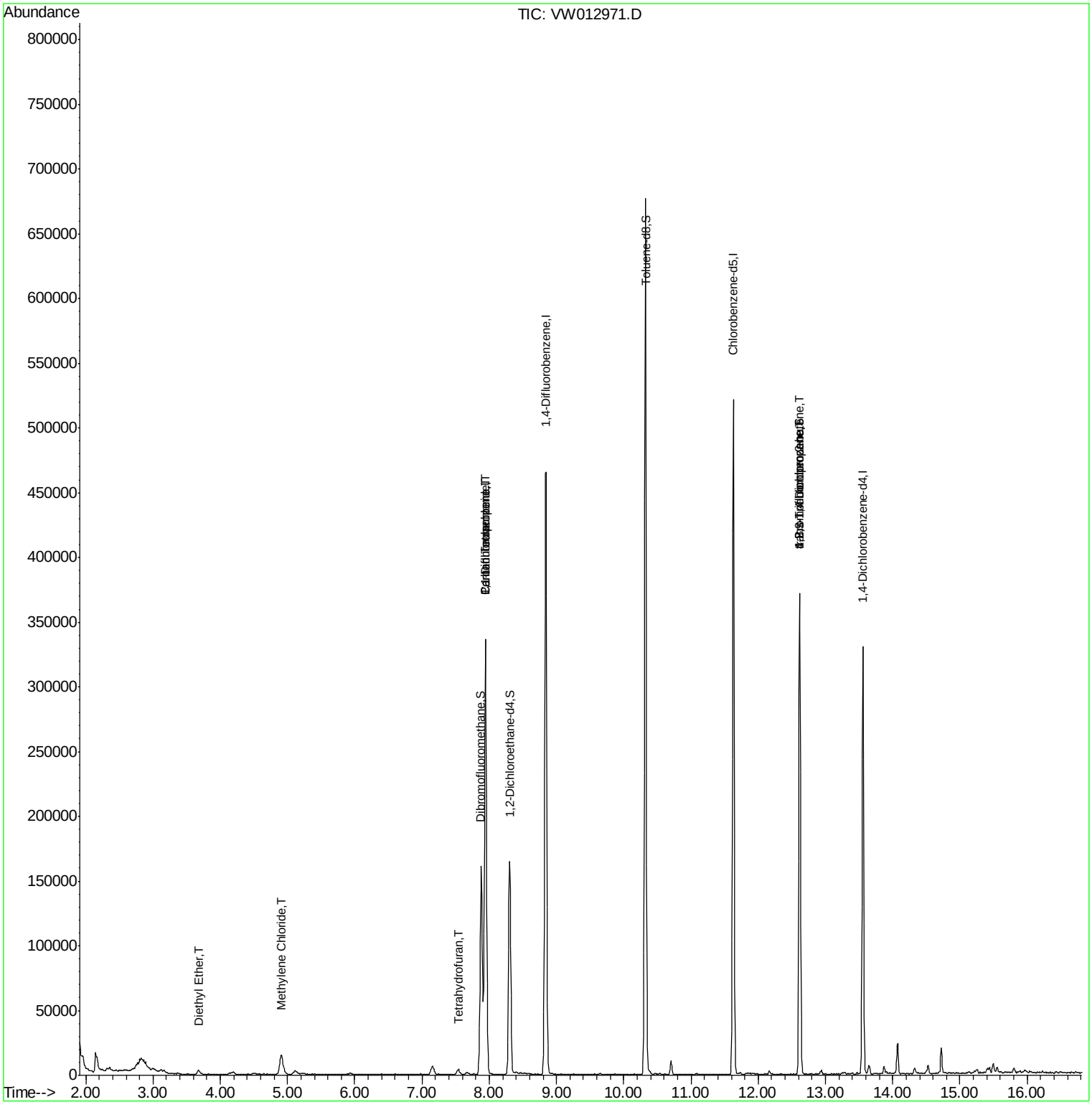
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\

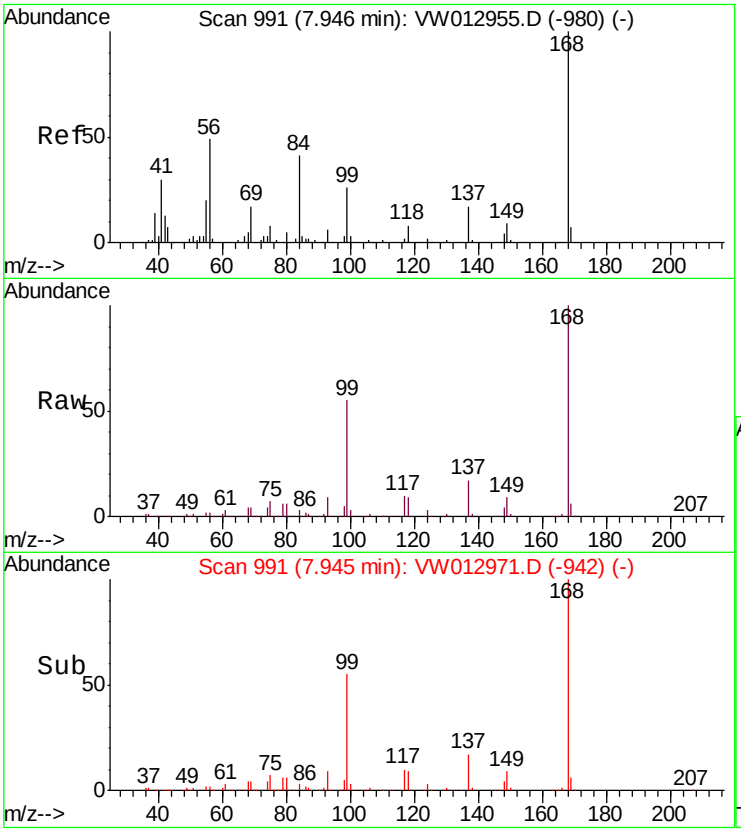
Quantitation Report (Not Reviewed)

Data File : VW012971.D
Acq On : 13 Sep 2019 23:33
Operator : SY/VA
Sample : K4719-09
Misc : 5.93G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Quant Time: Sep 14 04:25:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration



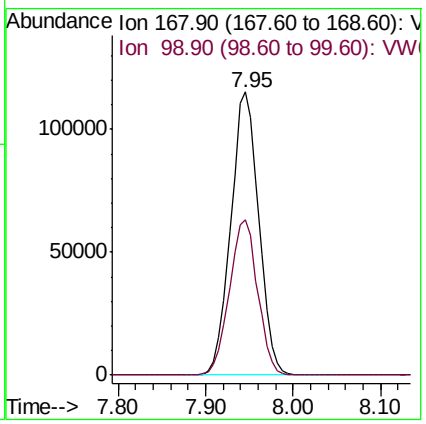


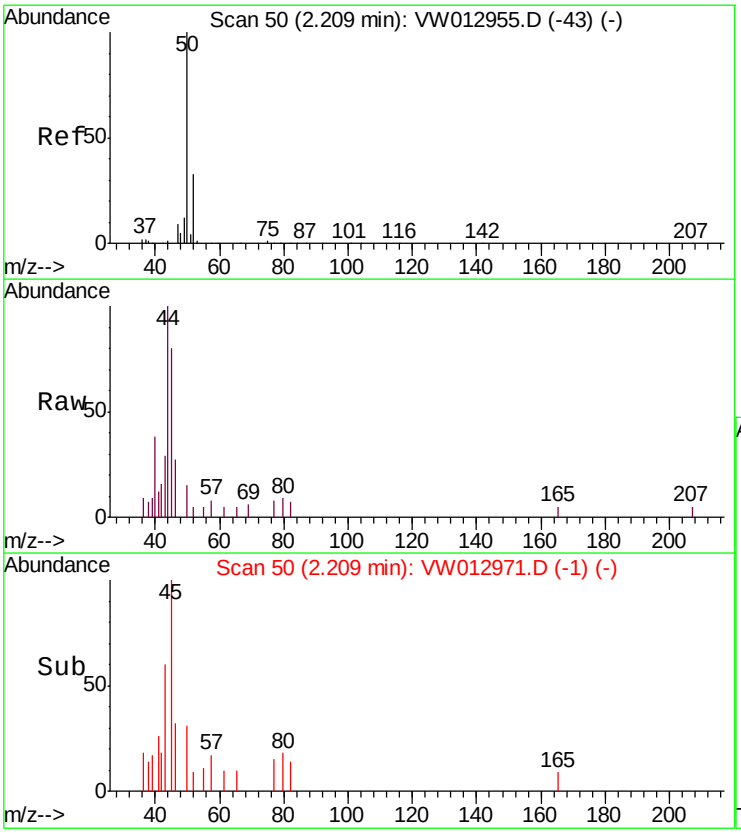
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW012971.D
Acq: 13 Sep 2019 23:33

Instrument :
MSVOA_W
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion:168 Resp: 256081

Ion	Ratio	Lower	Upper
168	100		
99	55.1	46.2	69.2

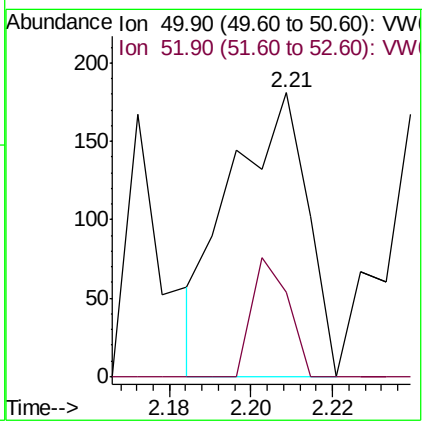


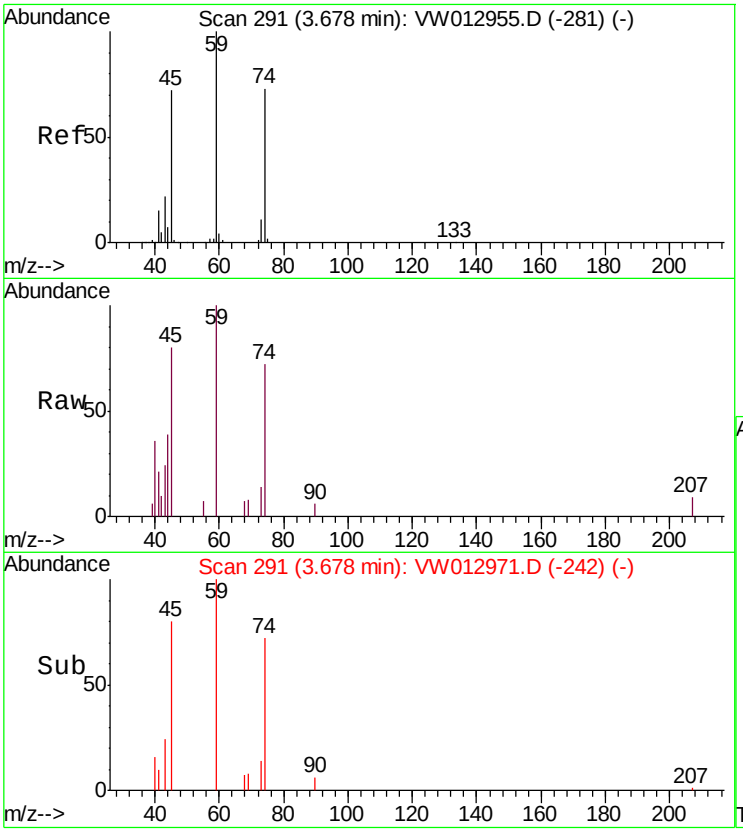


#3
Chloromethane
Concen: Below Cal
RT: 2.21 min Scan# 50
Delta R.T. 0.00 min
Lab File: VW012971.D
Acq: 13 Sep 2019 23:33

Tgt Ion: 50 Resp: 237

Ion	Ratio	Lower	Upper
50	100		
52	29.8	26.6	39.8



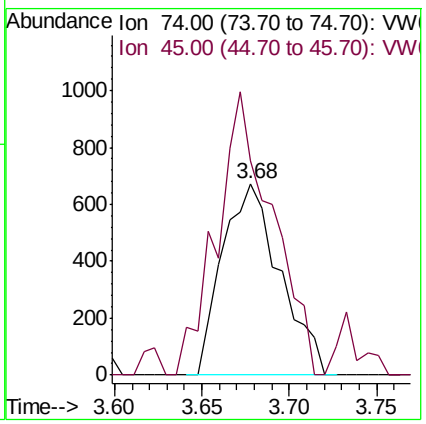


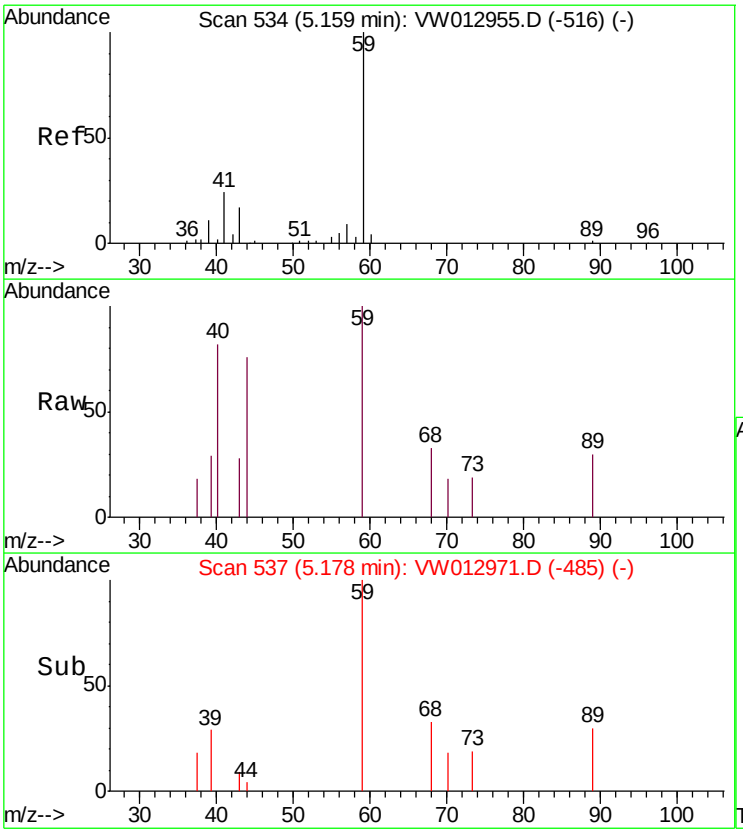
#8
Diethyl Ether
Concen: 1.540 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012971.D
Acq: 13 Sep 2019 23:33

Instrument :
MSVOA_W
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion: 74 Resp: 1541

Ion	Ratio	Lower	Upper
74	100		
45	142.4	53.8	161.4

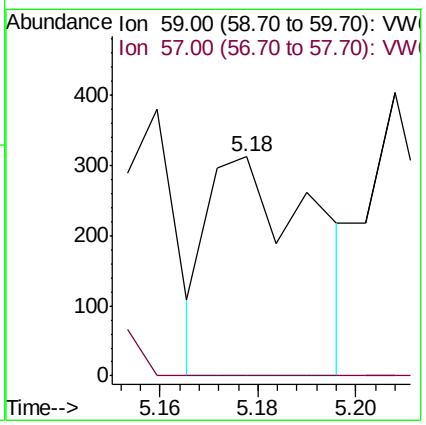


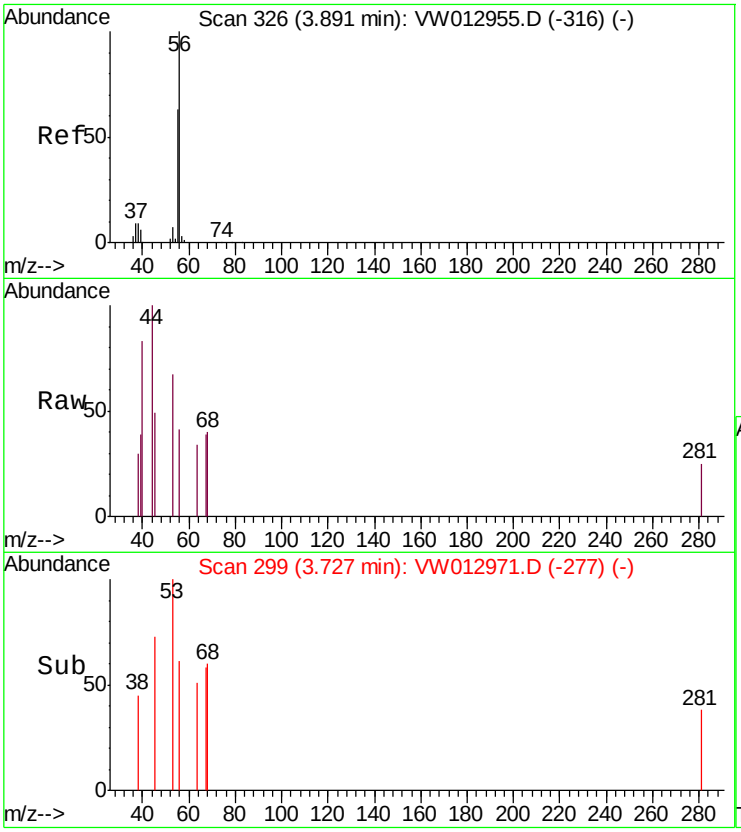


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.18 min Scan# 537
Delta R.T. 0.02 min
Lab File: VW012971.D
Acq: 13 Sep 2019 23:33

Tgt Ion: 59 Resp: 467

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#



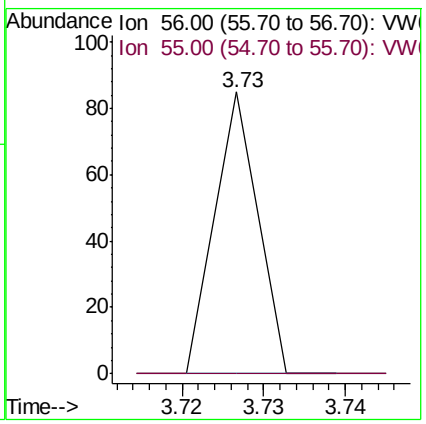


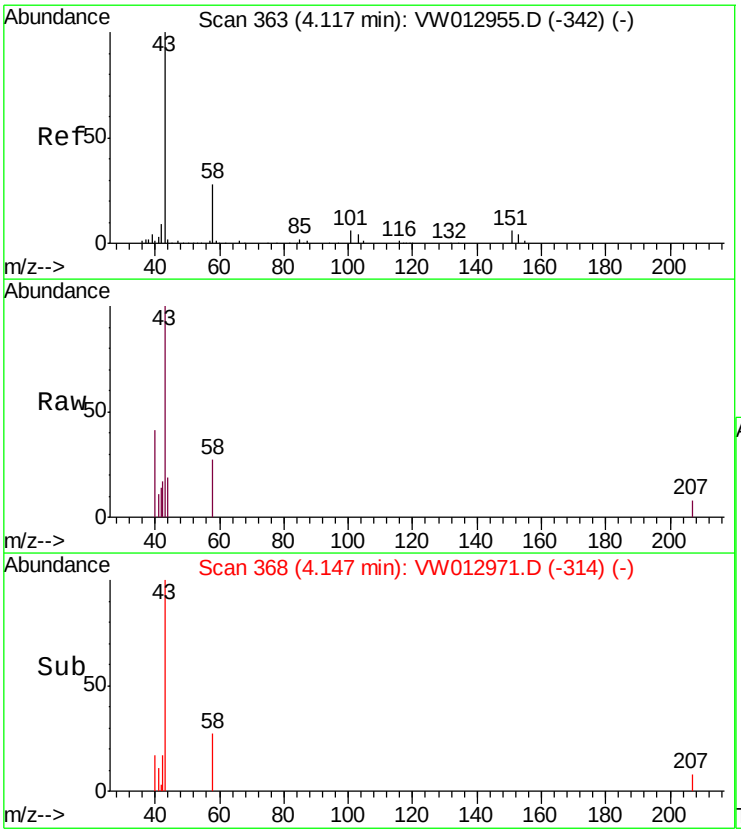
#13
Acrolein
Concen: Below Cal
RT: 3.73 min Scan# 299
Delta R.T. -0.16 min
Lab File: VW012971.D
Acq: 13 Sep 2019 23:33

Instrument :
MSVOA_W
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion: 56 Resp: 31

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.8	83.8#

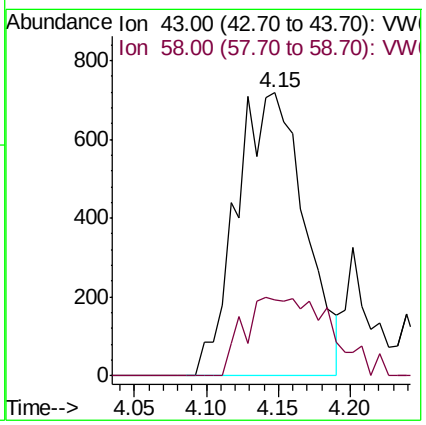


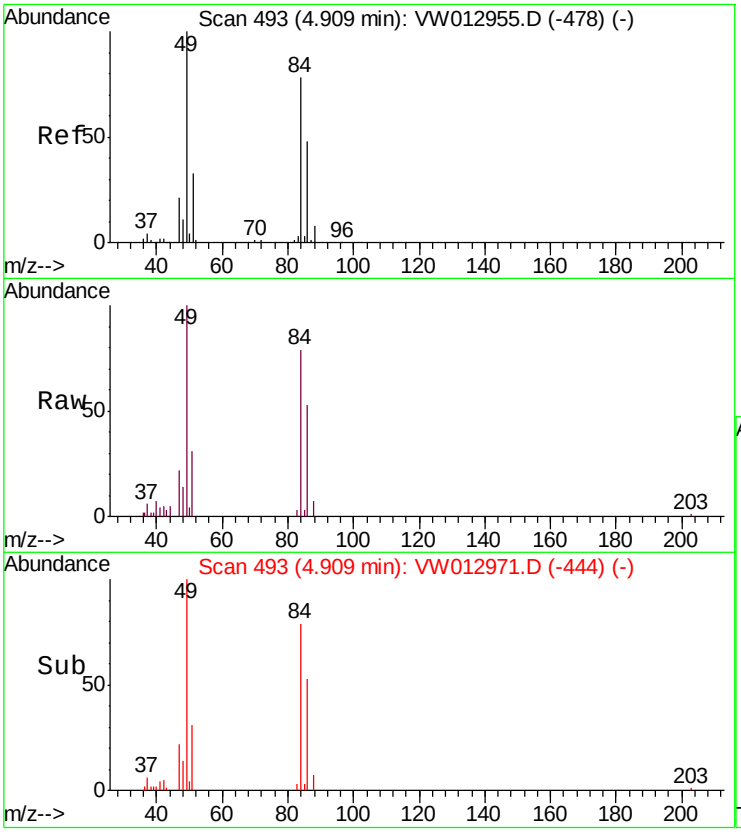


#16
Acetone
Concen: Below Cal
RT: 4.15 min Scan# 368
Delta R.T. 0.03 min
Lab File: VW012971.D
Acq: 13 Sep 2019 23:33

Tgt Ion: 43 Resp: 2376

Ion	Ratio	Lower	Upper
43	100		
58	26.6	22.3	33.5



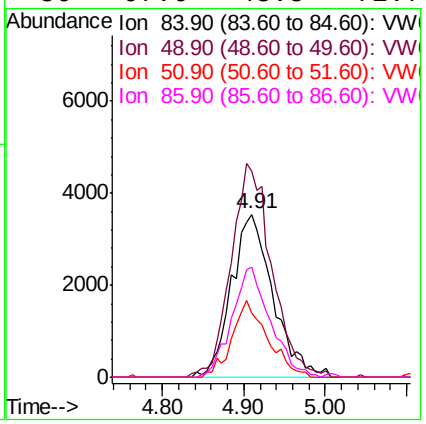


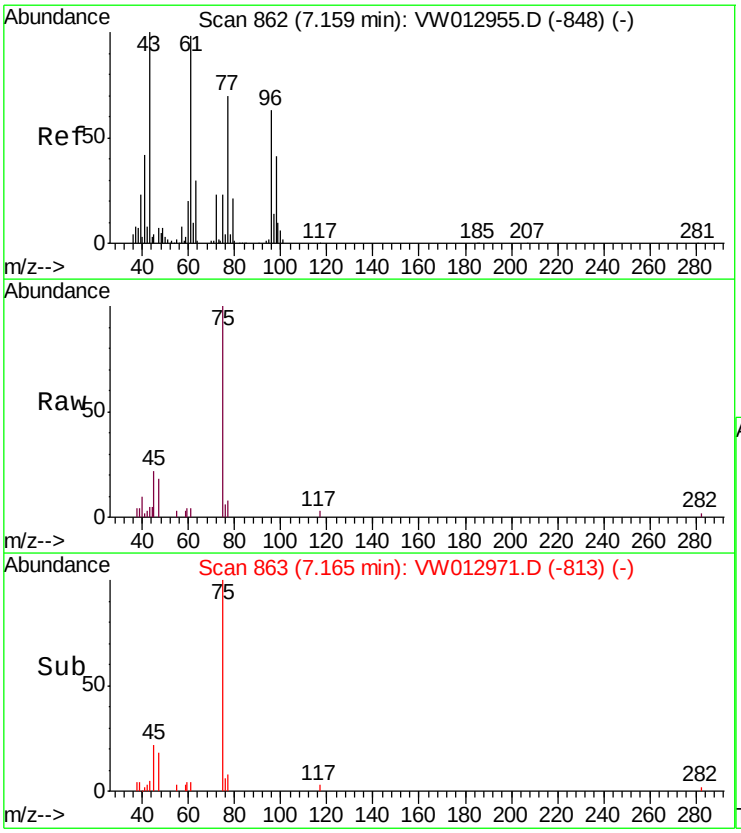
#20
Methylene Chloride
Concen: 1.530 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW012971.D
Acq: 13 Sep 2019 23:33

Instrument :
MSVOA_W
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion: 84 Resp: 12530

Ion	Ratio	Lower	Upper
84	100		
49	126.5	102.0	153.0
51	39.2	34.0	51.0
86	67.6	48.5	72.7

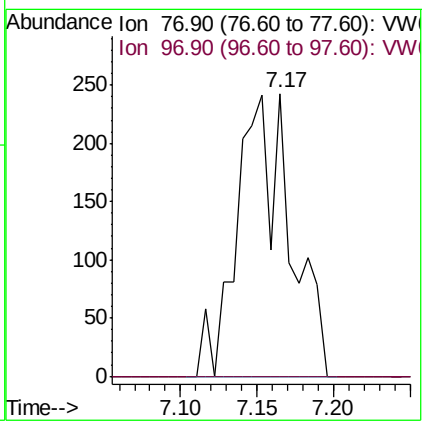


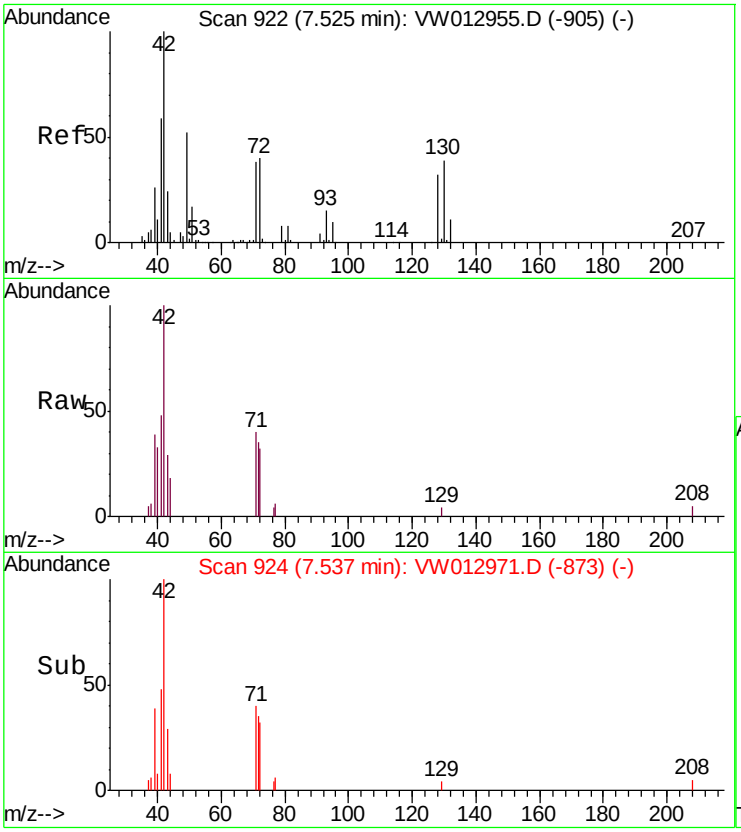


#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.17 min Scan# 863
Delta R.T. 0.01 min
Lab File: VW012971.D
Acq: 13 Sep 2019 23:33

Tgt Ion: 77 Resp: 582

Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.7	32.1#



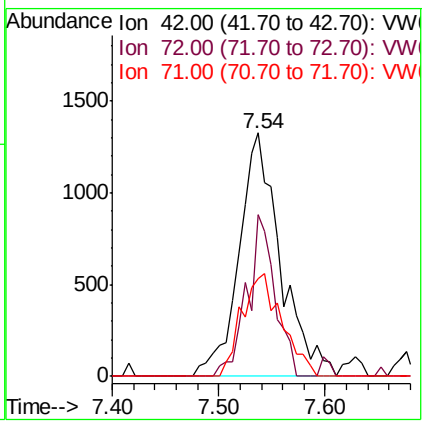


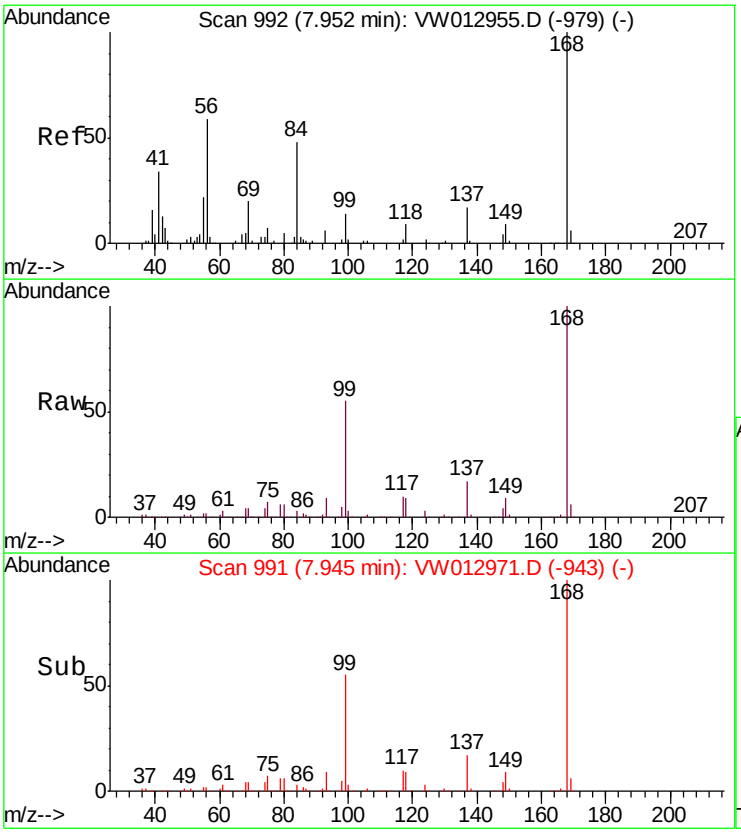
#29
Tetrahydrofuran
Concen: 8.446 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012971.D
Acq: 13 Sep 2019 23:33

Instrument :
MSVOA_W
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion: 42 Resp: 3619

Ion	Ratio	Lower	Upper
42	100		
72	44.3	31.4	47.0
71	40.6	29.8	44.8

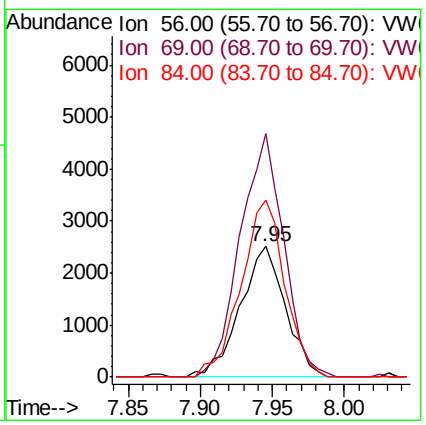


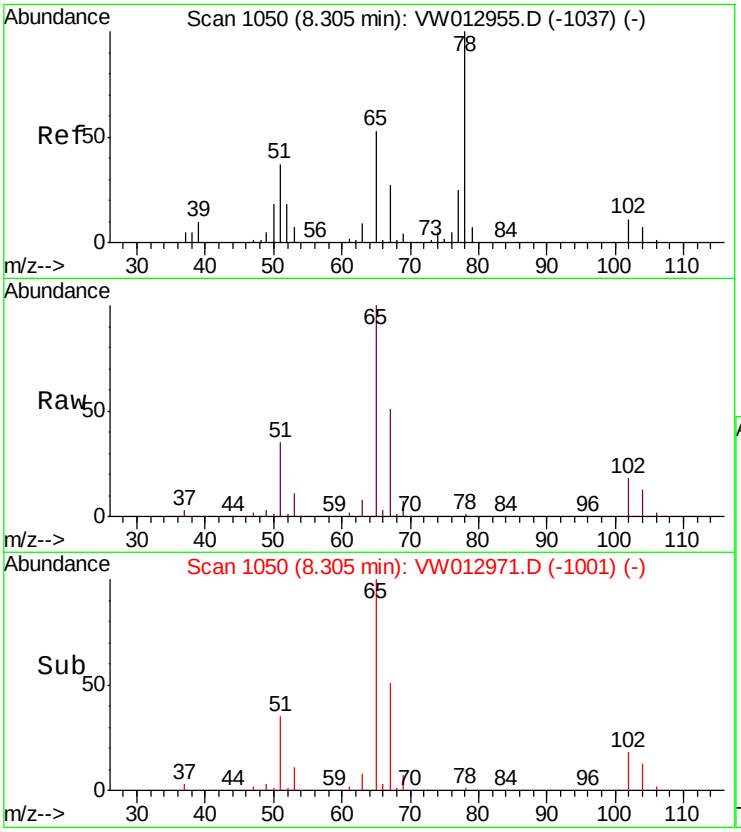


#31
Cyclohexane
Concen: Below Cal
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012971.D
Acq: 13 Sep 2019 23:33

Tgt Ion: 56 Resp: 5452

Ion	Ratio	Lower	Upper
56	100		
69	186.3	27.0	40.6#
84	135.2	66.2	99.2#



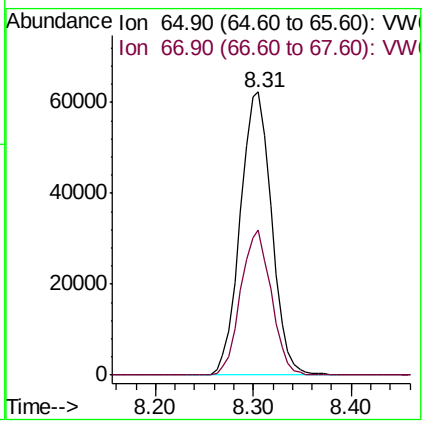


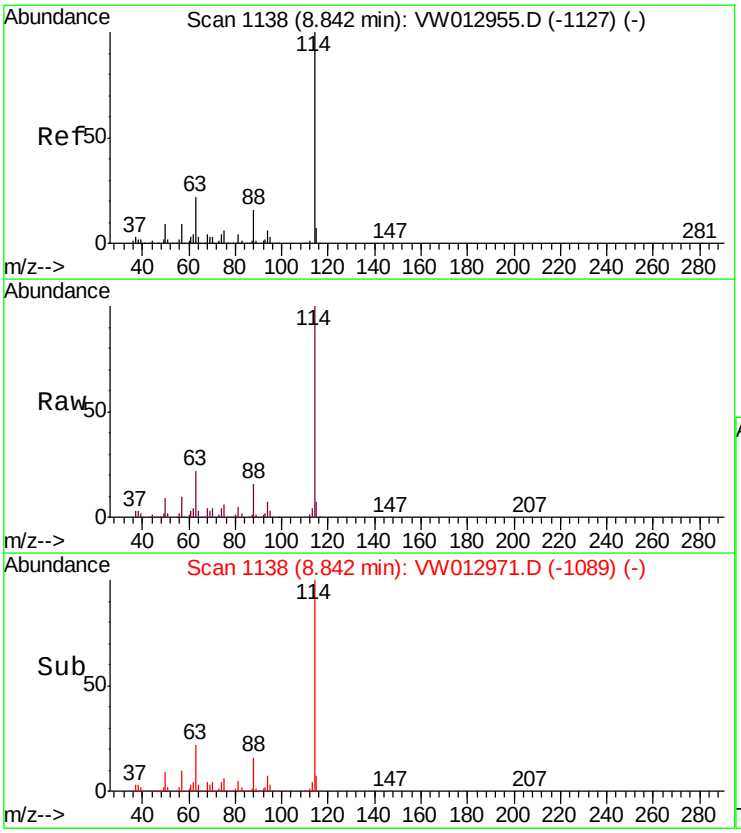
#33
1,2-Dichloroethane-d4
Concen: 58.736 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012971.D
Acq: 13 Sep 2019 23:33

Instrument :
MSVOA_W
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion: 65 Resp: 138917

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	101.2

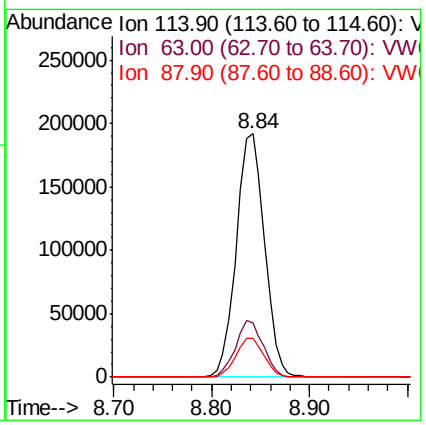


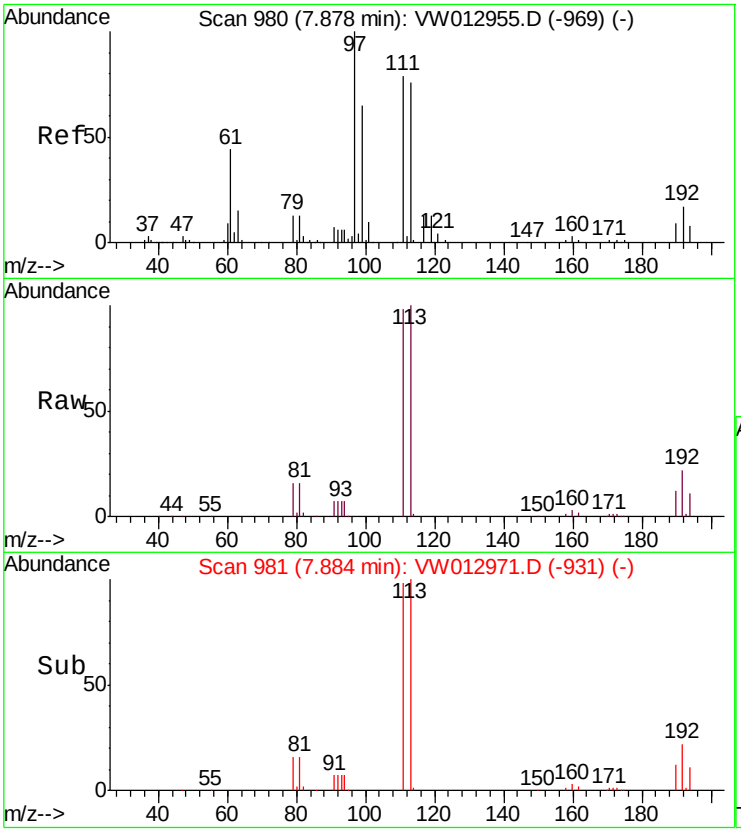


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012971.D
Acq: 13 Sep 2019 23:33

Tgt Ion:114 Resp: 384818

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.4
88	15.9	0.0	31.6



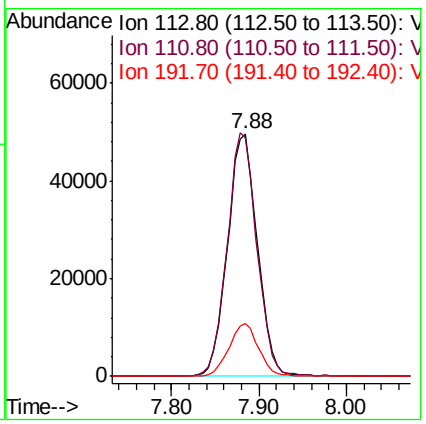


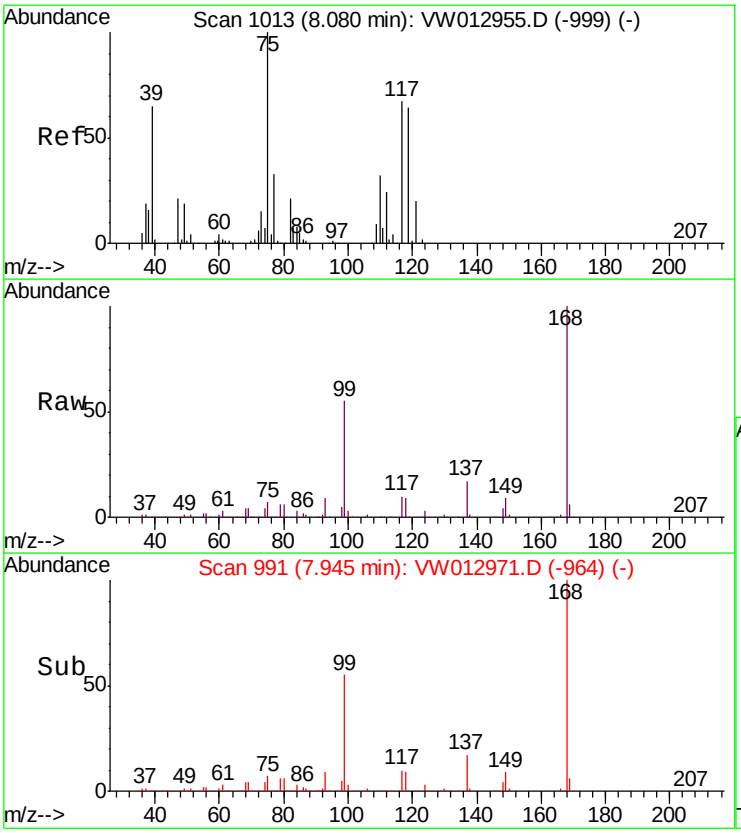
#35
Dibromofluoromethane
Concen: 56.391 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW012971.D
Acq: 13 Sep 2019 23:33

Instrument :
MSVOA_W
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion:113 Resp: 117748

Ion	Ratio	Lower	Upper
113	100		
111	100.0	82.8	124.2
192	21.5	17.8	26.8

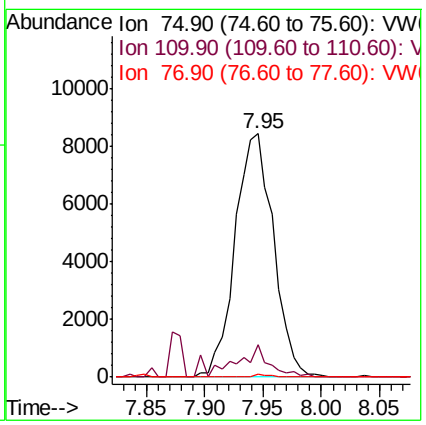


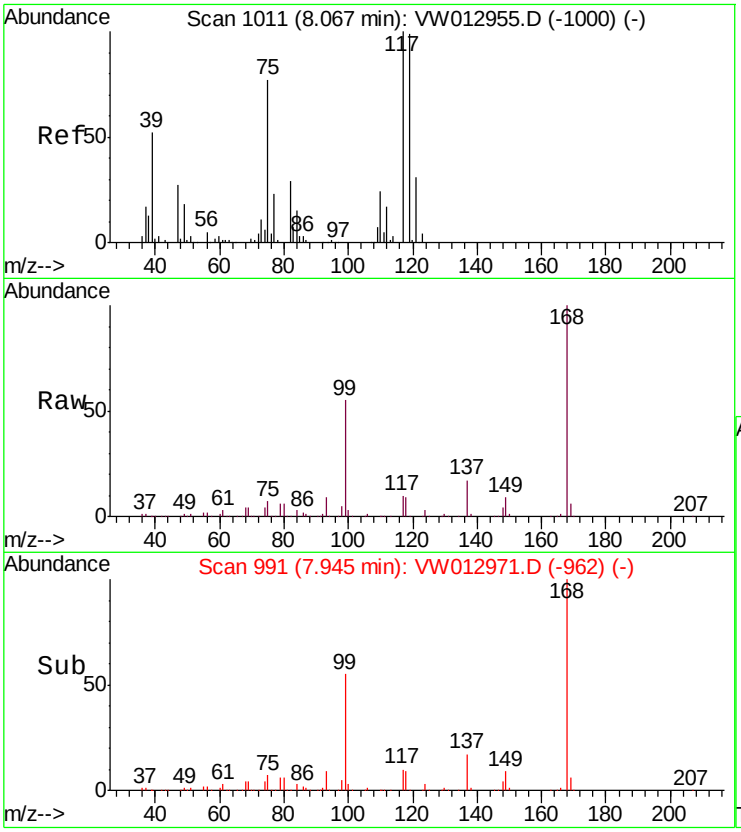


#36
1,1-Dichloropropene
Concen: 6.292 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW012971.D
Acq: 13 Sep 2019 23:33

Tgt Ion: 75 Resp: 19348

Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.4	49.1#
77	0.5	25.1	37.7#



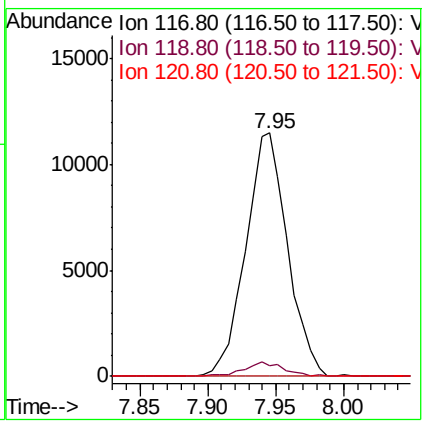


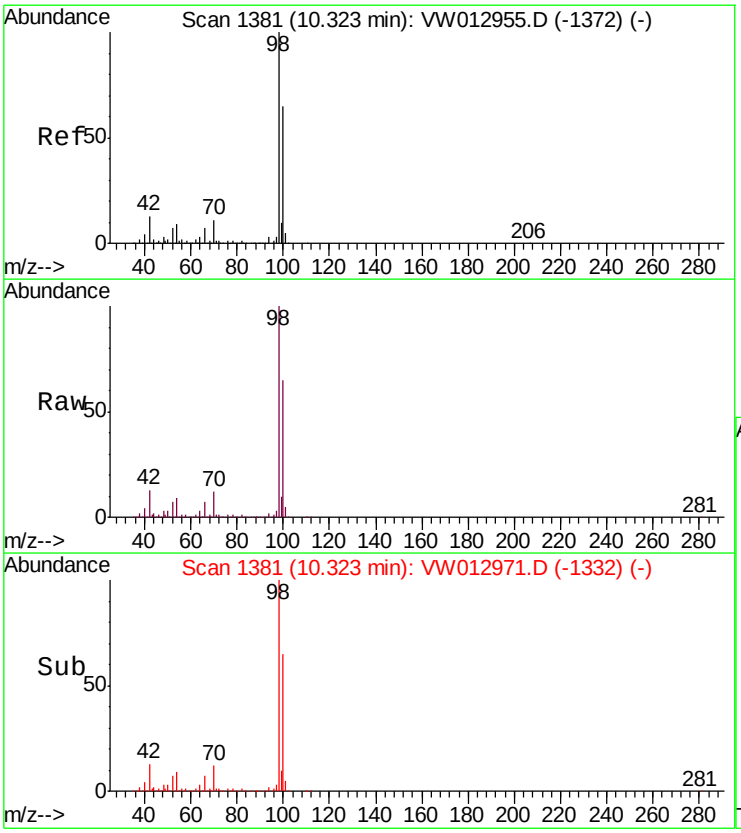
#38
Carbon Tetrachloride
Concen: 7.829 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012971.D
Acq: 13 Sep 2019 23:33

Instrument : MSVOA_W
ClientSampleId : T4-4-(1.5)-BRUCKNER

Tgt Ion:117 Resp: 24670

Ion	Ratio	Lower	Upper
117	100		
119	4.4	79.4	119.0#
121	0.0	24.6	36.8#

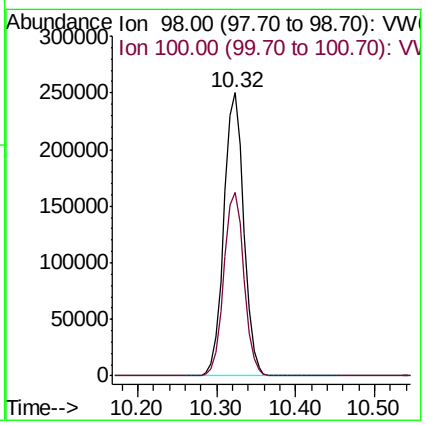


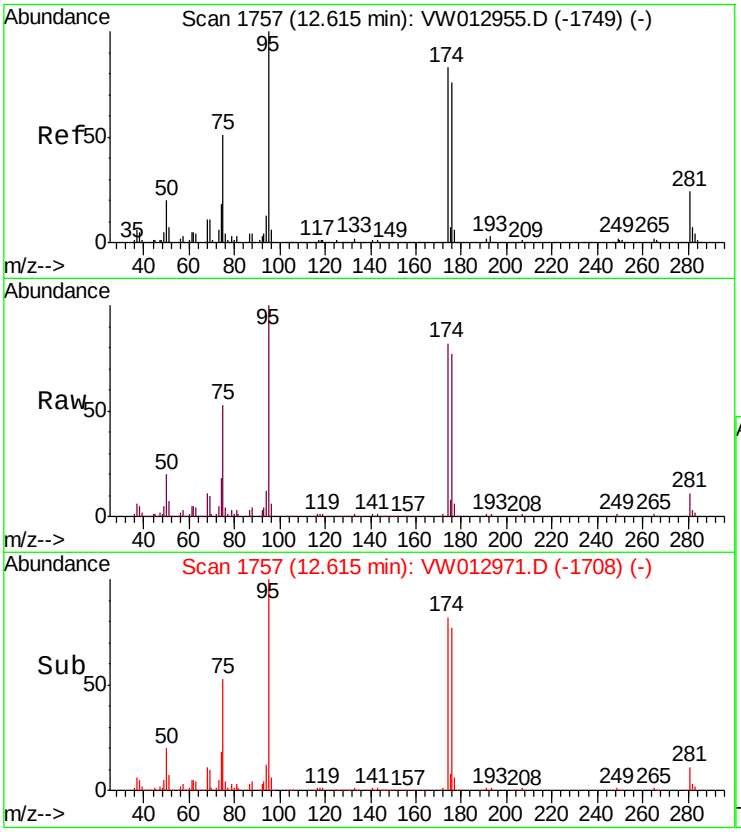


#50
Toluene-d8
Concen: 53.578 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012971.D
Acq: 13 Sep 2019 23:33

Tgt Ion: 98 Resp: 437775

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.1	78.1



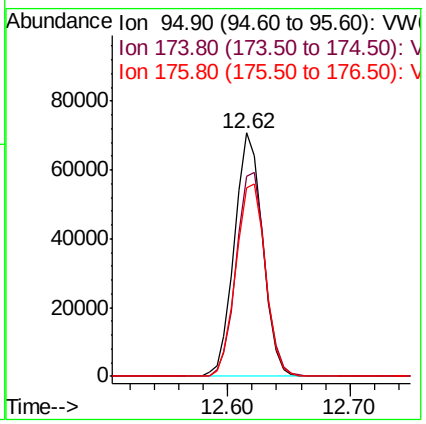


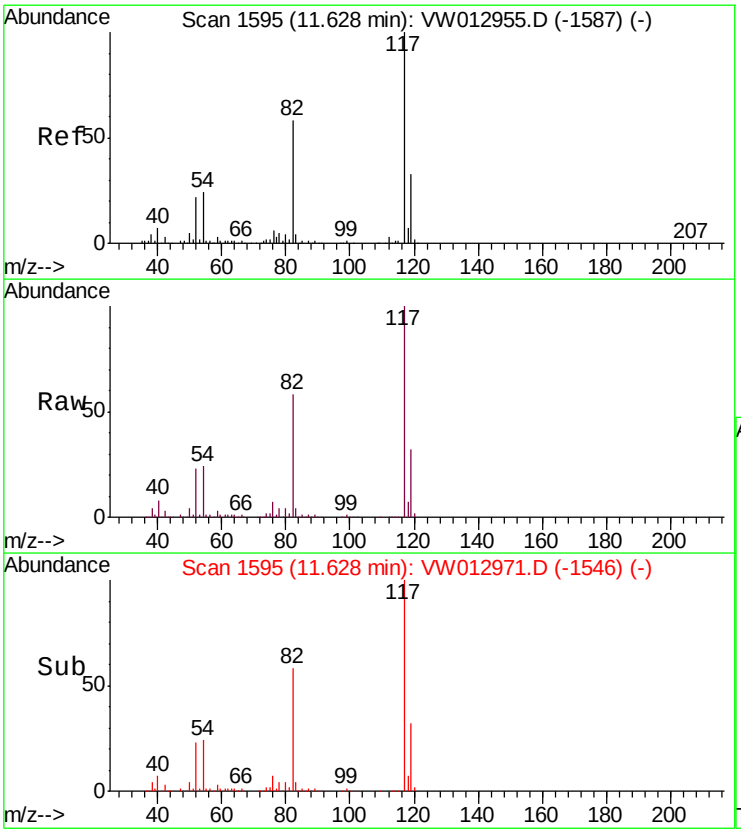
#62
4-Bromofluorobenzene
Concen: 38.397 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012971.D
Acq: 13 Sep 2019 23:33

Instrument :
MSVOA_W
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion: 95 Resp: 112812

Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	170.4
176	83.0	0.0	164.6

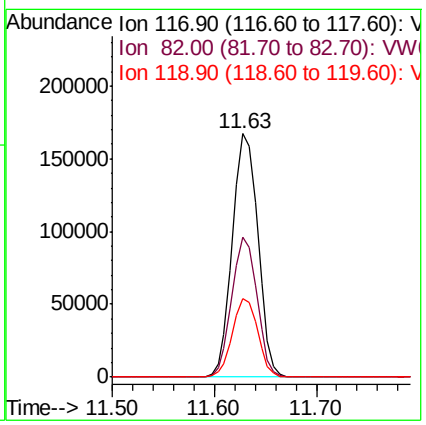


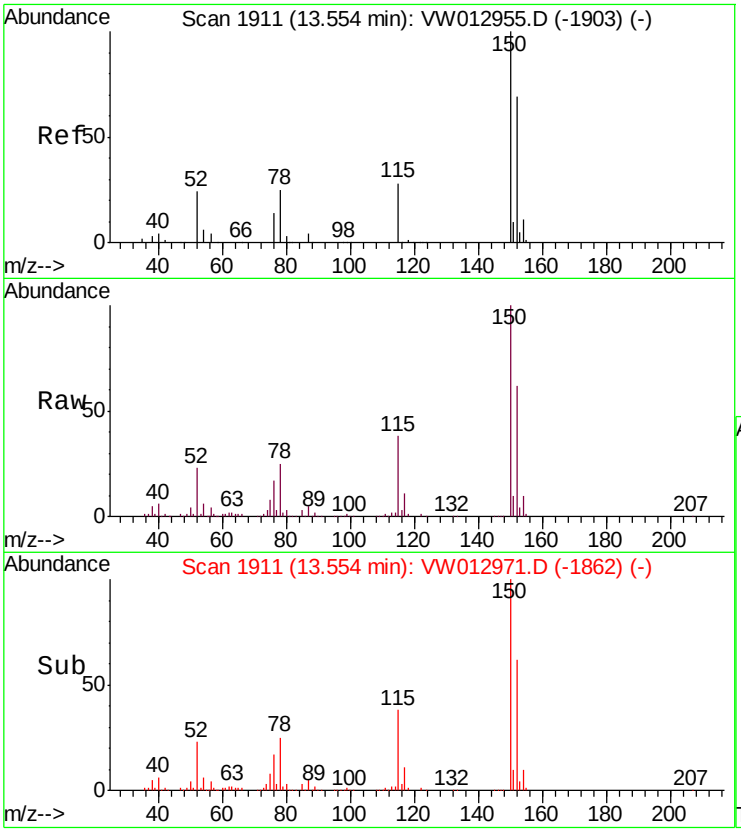


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012971.D
Acq: 13 Sep 2019 23:33

Tgt Ion:117 Resp: 290033

Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.3	69.5
119	32.0	26.2	39.4



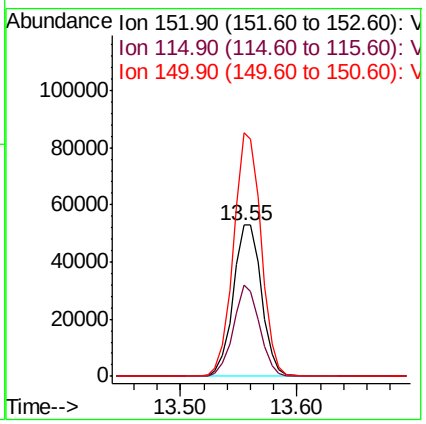


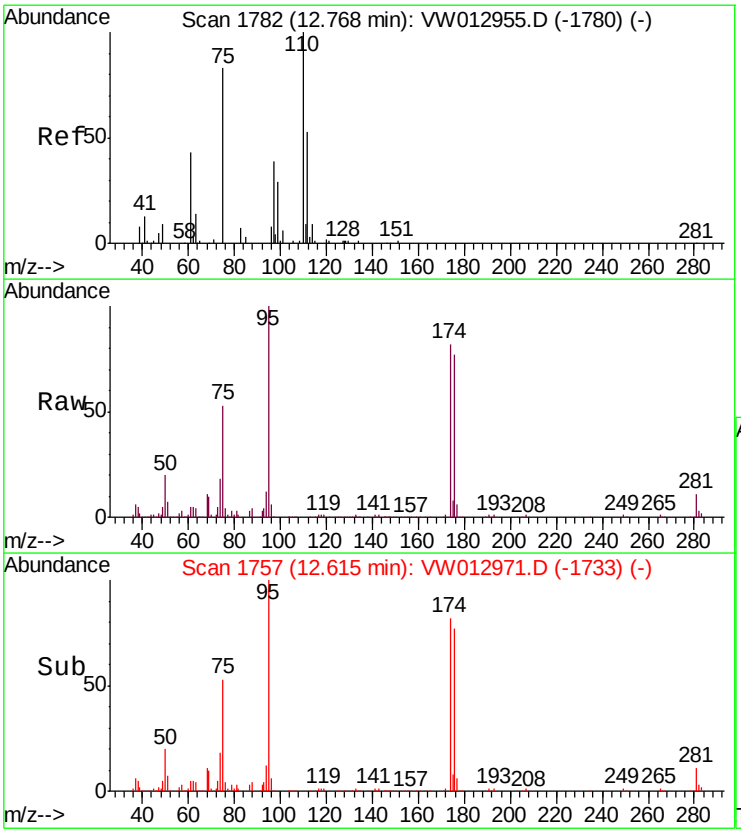
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW012971.D
Acq: 13 Sep 2019 23:33

Instrument :
MSVOA_W
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion:152 Resp: 89428

Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.8	86.4
150	156.0	0.0	340.2

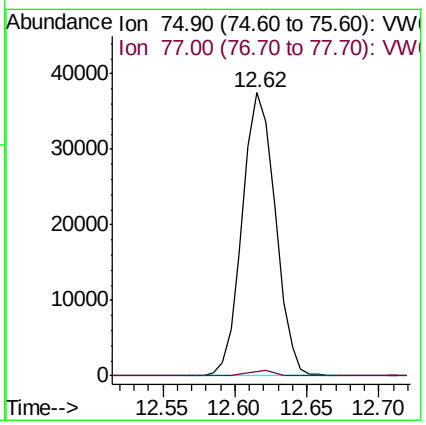


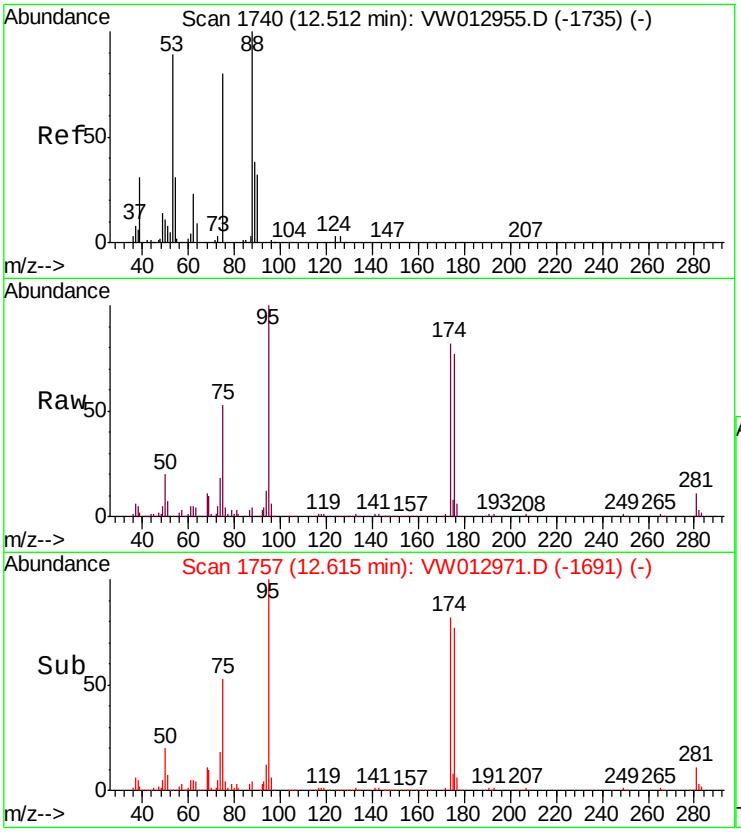


#76
1,2,3-Trichloropropane
Concen: 76.444 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW012971.D
Acq: 13 Sep 2019 23:33

Tgt Ion: 75 Resp: 59880

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 173.412 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012971.D
Acq: 13 Sep 2019 23:33

Instrument :
MSVOA_W
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion: 75 Resp: 59880

Ion	Ratio	Lower	Upper
75	100		
53	0.1	85.6	128.4#
89	0.1	37.2	55.8#