Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Time: Sep 30 07:16:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 30 07:14:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	1006733	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	870240	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	400986	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.37	65	132293	13.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 54.32%			
7) Chloroethane-d5	2.91	69	121250	15.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 60.96%			
10) 1,1-Dichloroethene-d2	4.03	63	225435	10.35	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 41.40%#			
20) 2-Butanone-d5	7.09	46	61237	23.05	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 46.10%			
24) Chloroform-d	7.65	84	337974	16.05	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 64.20%			
26) 1,2-Dichloroethane-d4	8.40	65	215	0.02	ug/L	0.09
Spiked Amount 25.000	Range 70 - 130		Recovery = 0.08%#			
29) Benzene-d6	8.28	84	646585	16.57	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 66.28%			
33) 1,2-Dichloropropane-d6	9.28	67	181393	17.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 68.60%#			
37) Toluene-d8	10.33	98	629955	16.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 65.64%			
38) trans-1,3-Dichloropropene-	10.58	79	74289	13.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 55.72%			
39) 2-Hexanone-d5	10.93	63	50995	26.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 53.02%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122049	13.56	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 54.24%			
61) 1,2-Dichlorobenzene-d4	13.85	152	212891	16.62	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 66.48%#			
Target Compounds						Qvalue
13) Acetone	4.14	43	12687	6.096	ug/L	100
16) Methylene chloride	4.93	84	18583	1.197	ug/L	94
21) 2-Butanone	7.18	43	16768	4.736	ug/L #	46
36) Methylcyclohexane	9.28	83	53250	2.326	ug/L #	20
40) 1,2-Dichloropropane	9.28	63	22377	2.063	ug/L #	21
46) 1,1,2-Trichloroethane	10.76	97	96530	10.562	ug/L #	21
52) Chlorobenzene	11.66	112	74216	2.107	ug/L	96
53) Ethylbenzene	11.73	91	13688	0.230	ug/L	90
57) Isopropylbenzene	12.47	105	18232	0.299	ug/L #	85
63) 1,3-Dichlorobenzene	13.50	146	802603	30.773	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	218186	8.542	ug/L	91
65) 1,2-Dichlorobenzene	13.87	146	42424	1.820	ug/L #	85
66) 1,2-Dibromo-3-chloropropan	14.50	75	2510	1.503	ug/L #	1
67) 1,3,5-Trichlorobenzene	15.13	180	3209911	168.280	ug/L	94
68) 1,2,4-trichlorobenzene	15.13	180	3209911	208.024	ug/L	95
70) 1,2,3-Trichlorobenzene	15.56	180	7063	0.532	ug/L #	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0RE

Quant Time: Sep 30 07:16:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 30 07:14:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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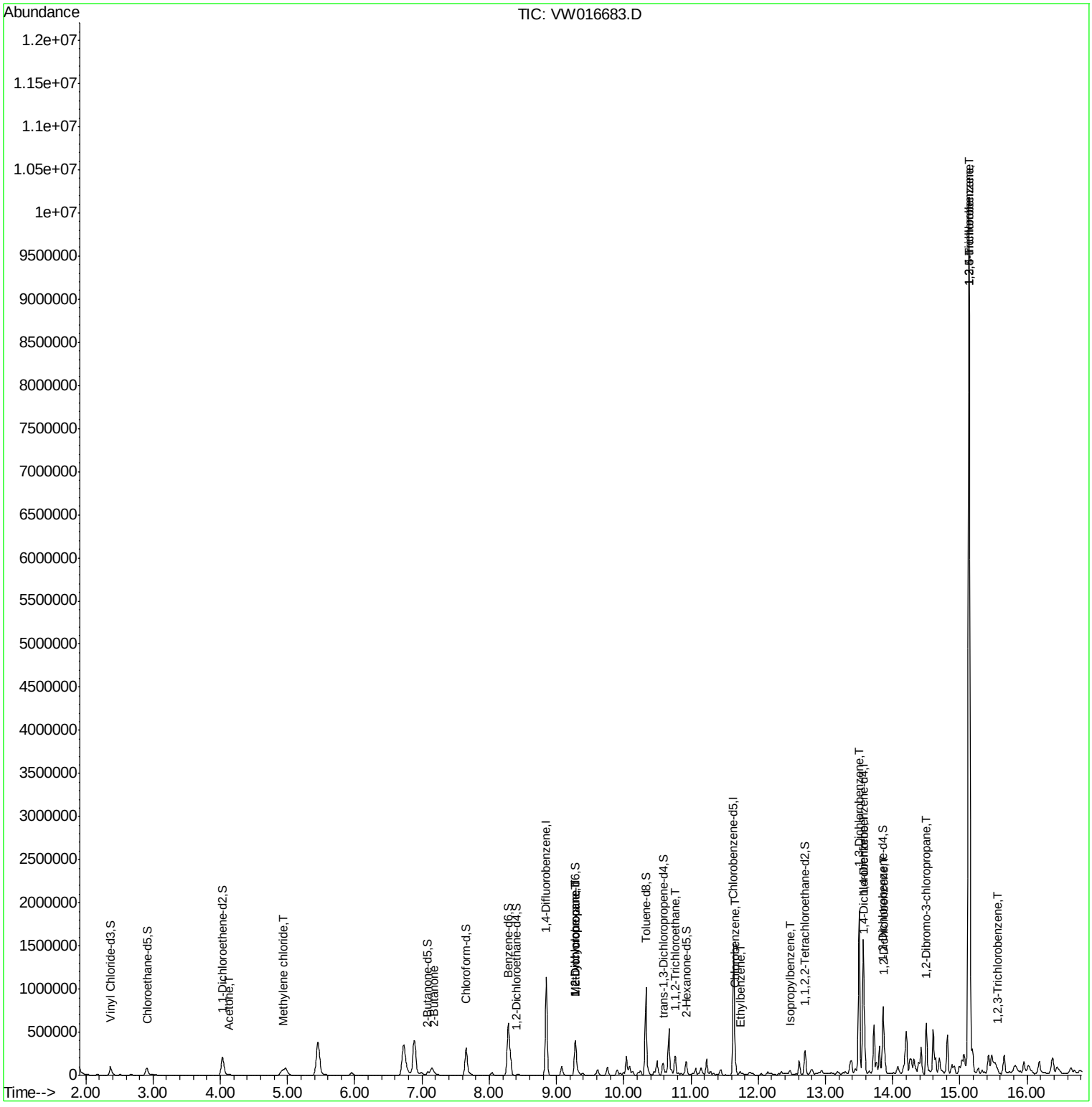
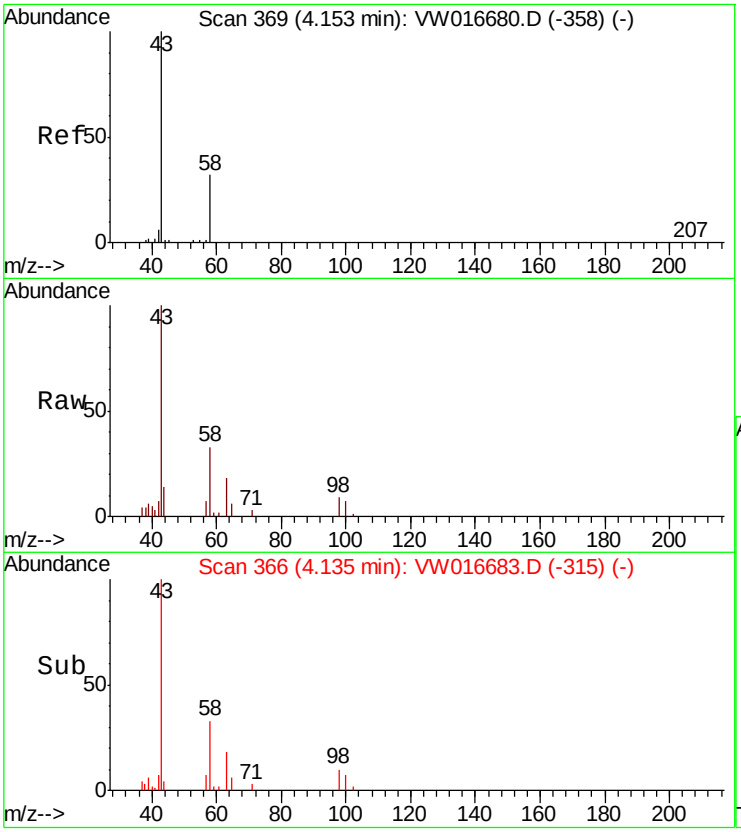
Quant Time: Sep 30 07:16:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 30 07:14:58 2020
Response via : Initial Calibration



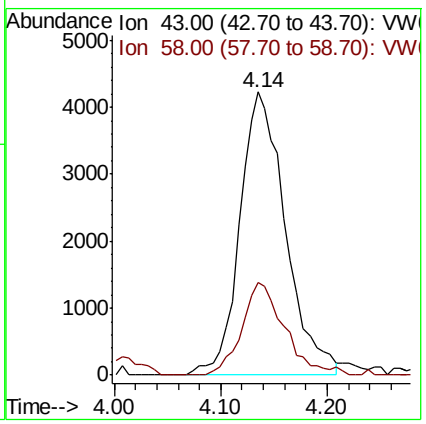


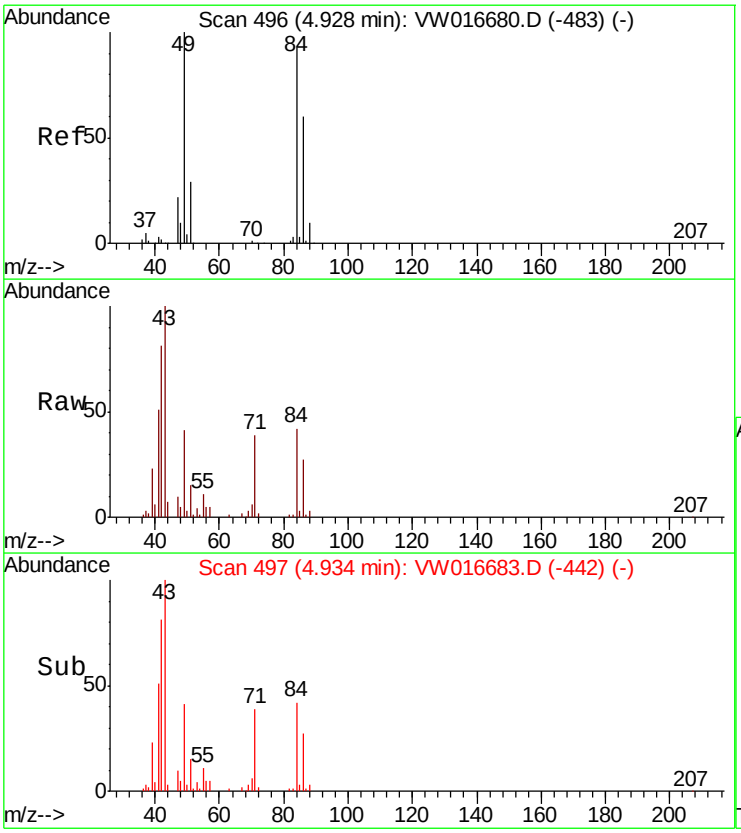
#13
Acetone
Concen: 6.096 ug/L
RT: 4.14 min Scan# 366
Delta R.T. -0.02 min
Lab File: VW016683.D
Acq: 29 Sep 2020 11:29

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Tgt Ion: 43 Resp: 12687

Ion	Ratio	Lower	Upper
43	100		
58	30.2	0.0	60.2

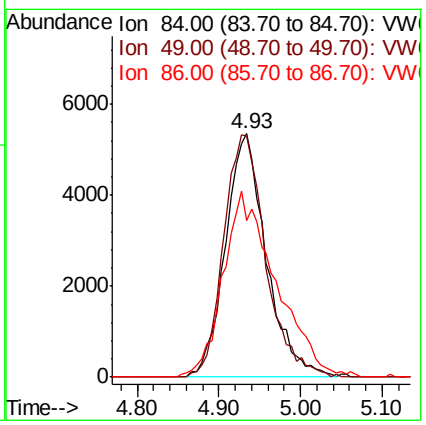


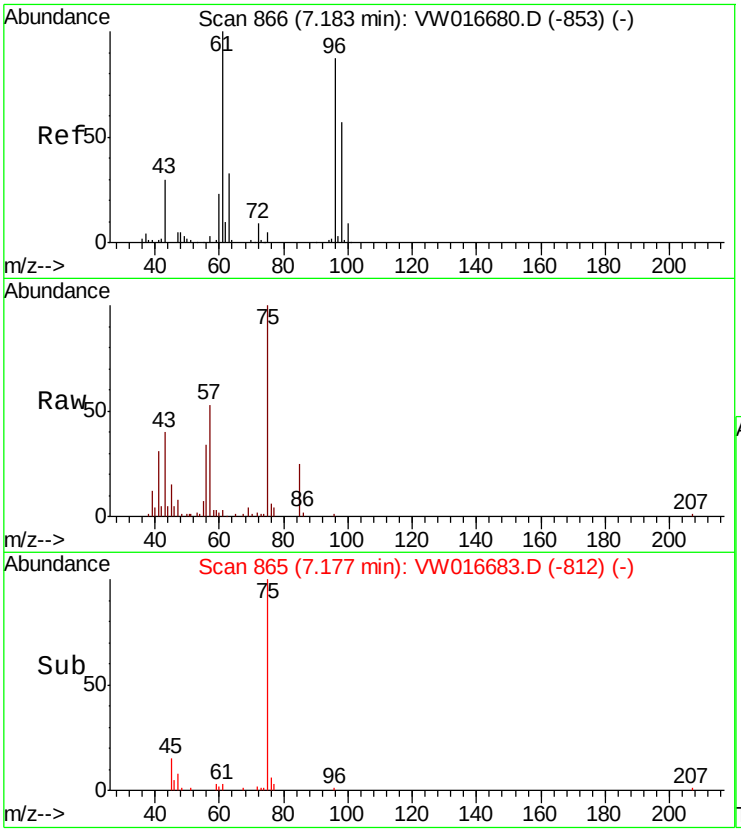


#16
Methylene chloride
Concen: 1.197 ug/L
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW016683.D
Acq: 29 Sep 2020 11:29

Tgt Ion: 84 Resp: 18583

Ion	Ratio	Lower	Upper
84	100		
49	98.8	76.0	141.2
86	64.4	45.6	84.6



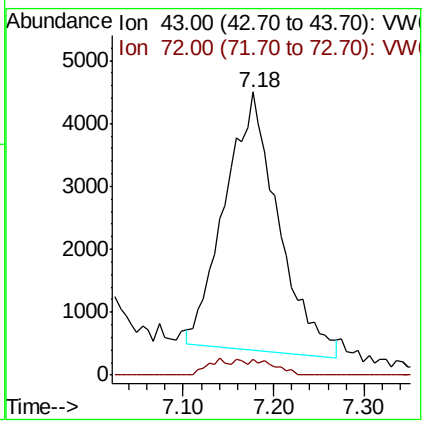


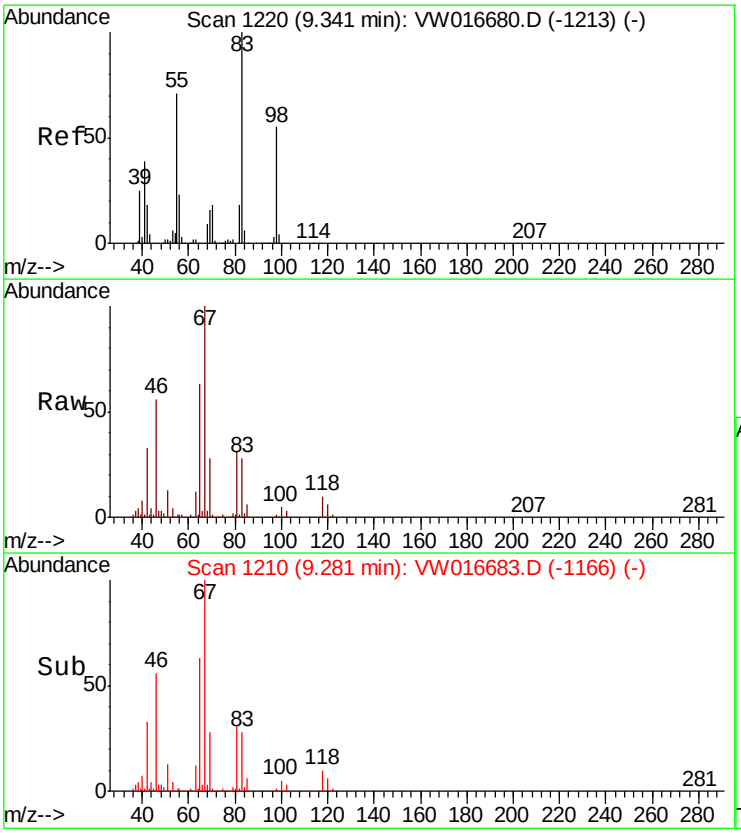
#21
2-Butanone
Concen: 4.736 ug/L
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW016683.D
Acq: 29 Sep 2020 11:29

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0RE

Tgt Ion: 43 Resp: 16768

Ion	Ratio	Lower	Upper
43	100		
72	0.3	14.6	43.8#

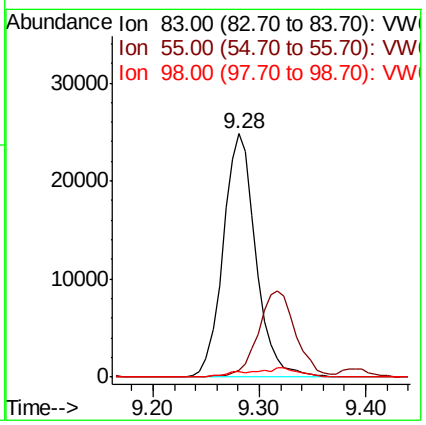


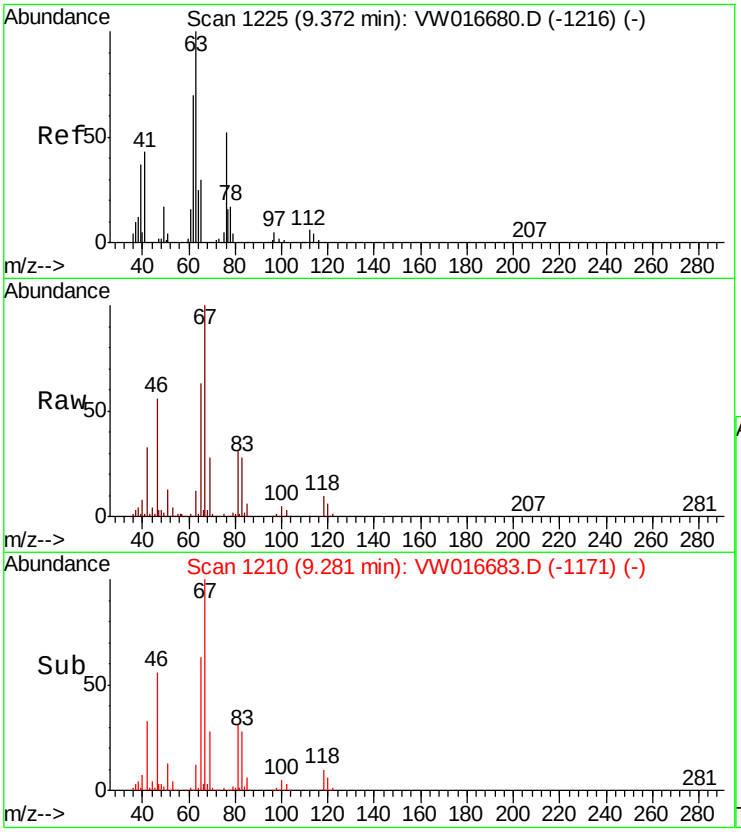


#36
Methylcyclohexane
Concen: 2.326 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW016683.D
Acq: 29 Sep 2020 11:29

Tgt Ion: 83 Resp: 53250

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.9	83.9#
98	1.5	42.1	63.1#



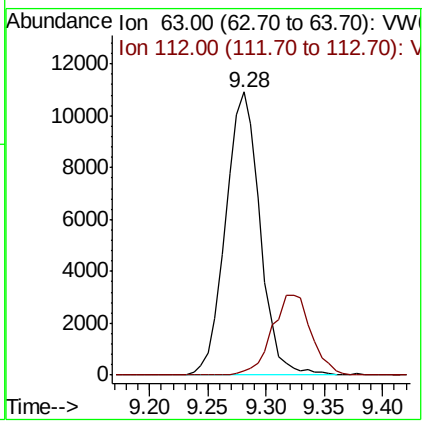


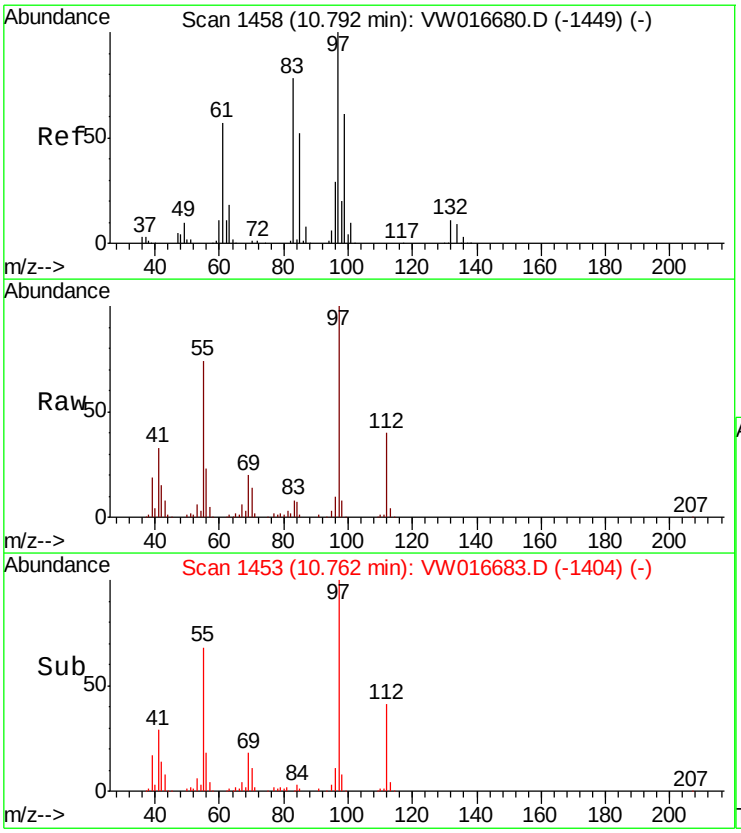
#40
1,2-Dichloropropane
Concen: 2.063 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW016683.D
Acq: 29 Sep 2020 11:29

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0RE

Tgt Ion: 63 Resp: 22377

Ion	Ratio	Lower	Upper
63	100		
112	32.2	4.5	6.7#

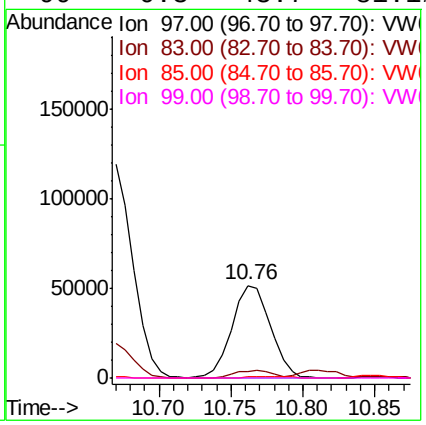


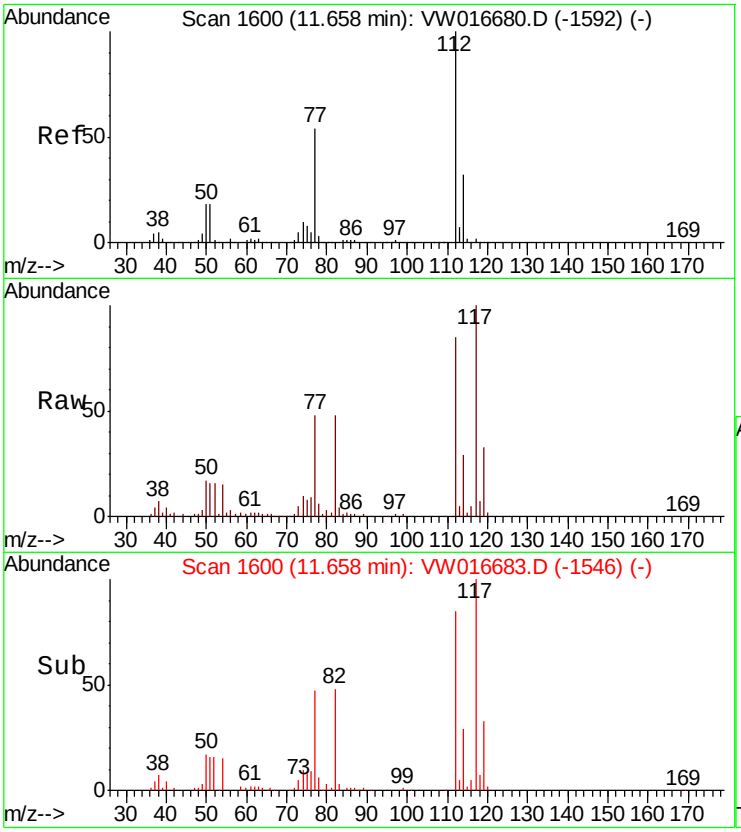


#46
1,1,2-Trichloroethane
Concen: 10.562 ug/L
RT: 10.76 min Scan# 1453
Delta R.T. -0.03 min
Lab File: VW016683.D
Acq: 29 Sep 2020 11:29

Tgt Ion: 97 Resp: 96530

Ion	Ratio	Lower	Upper
97	100		
83	7.6	55.7	103.5#
85	1.1	36.8	68.4#
99	0.3	43.7	81.1#



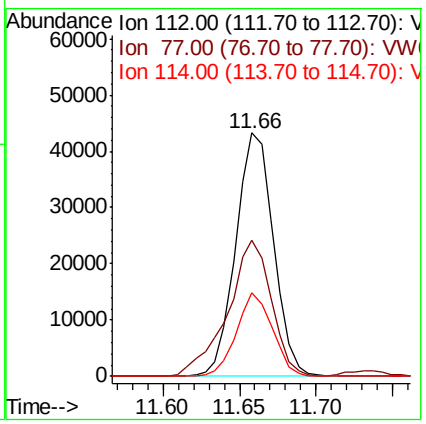


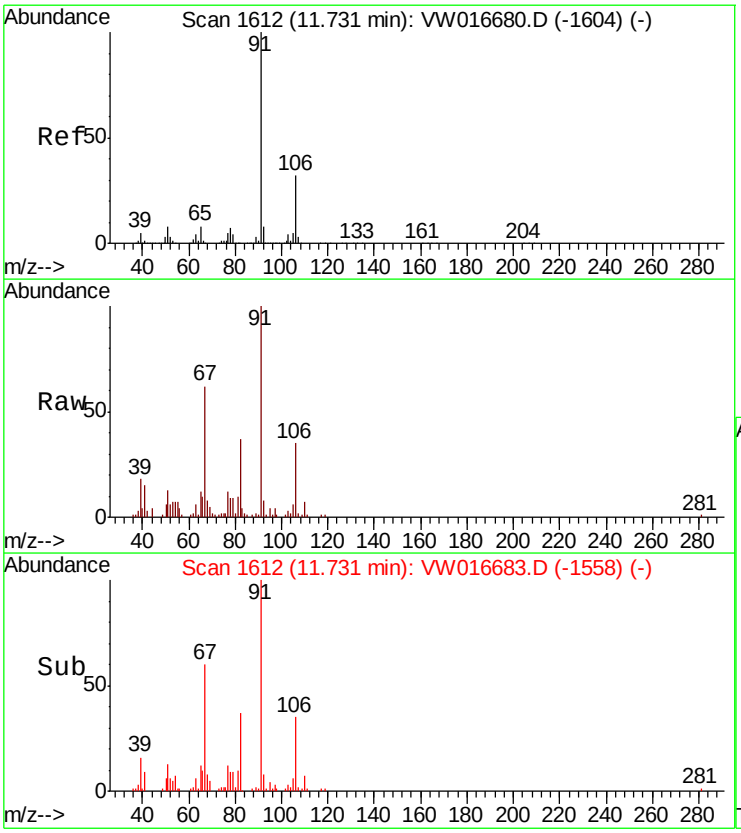
#52
Chlorobenzene
Concen: 2.107 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016683.D
Acq: 29 Sep 2020 11:29

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0RE

Tgt Ion:112 Resp: 74216

Ion	Ratio	Lower	Upper
112	100		
77	56.1	43.1	64.7
114	34.5	22.3	41.3

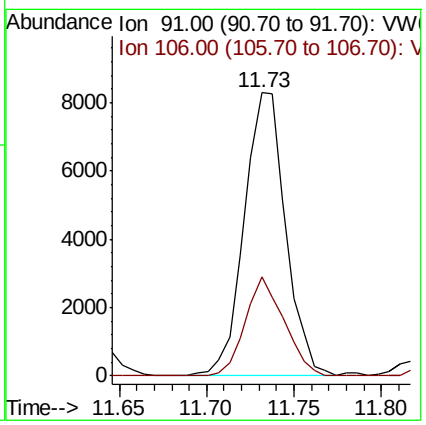


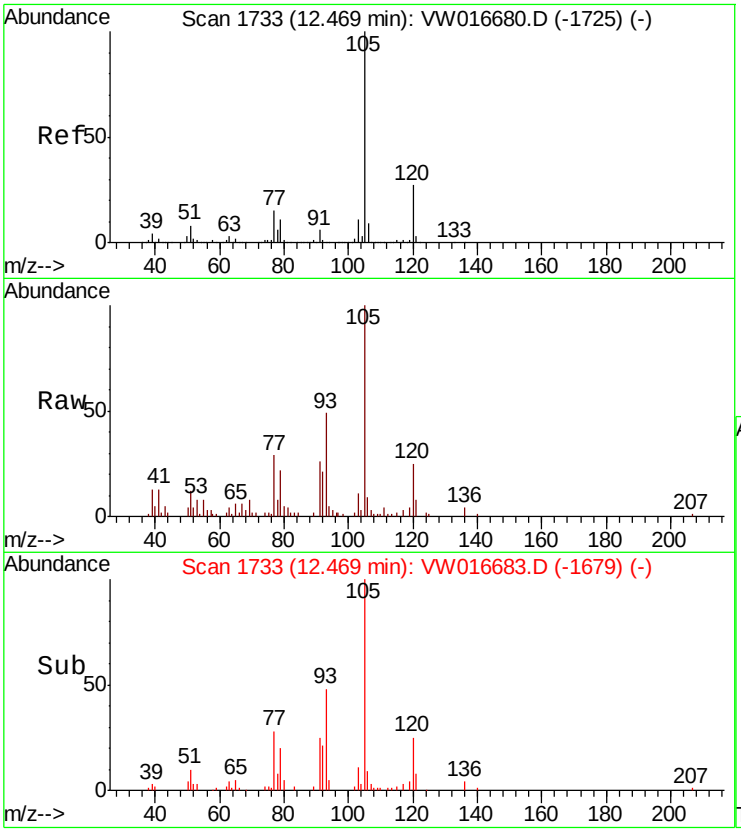


#53
Ethylbenzene
Concen: 0.230 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016683.D
Acq: 29 Sep 2020 11:29

Tgt Ion: 91 Resp: 13688

Ion	Ratio	Lower	Upper
91	100		
106	35.2	20.7	38.5



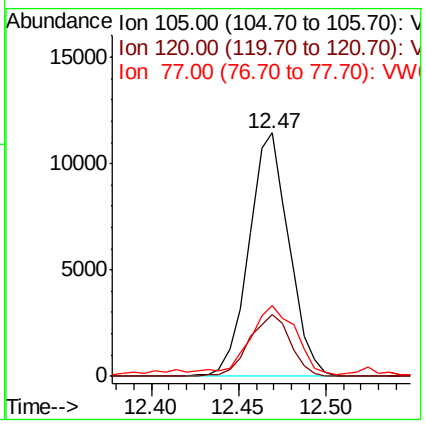


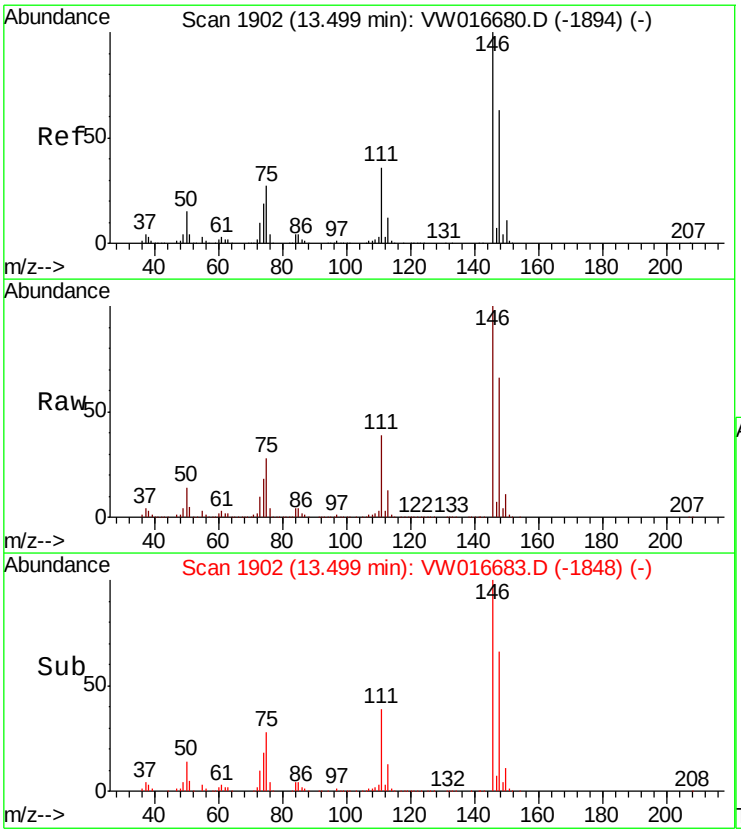
#57
Isopropylbenzene
Concen: 0.299 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW016683.D
Acq: 29 Sep 2020 11:29

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Tgt Ion:105 Resp: 18232

Ion	Ratio	Lower	Upper
105	100		
120	26.0	21.8	32.8
77	31.3	12.2	18.2#

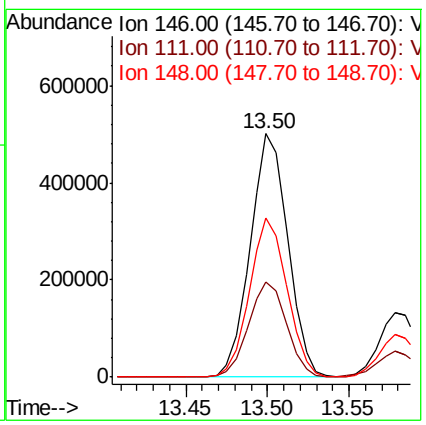


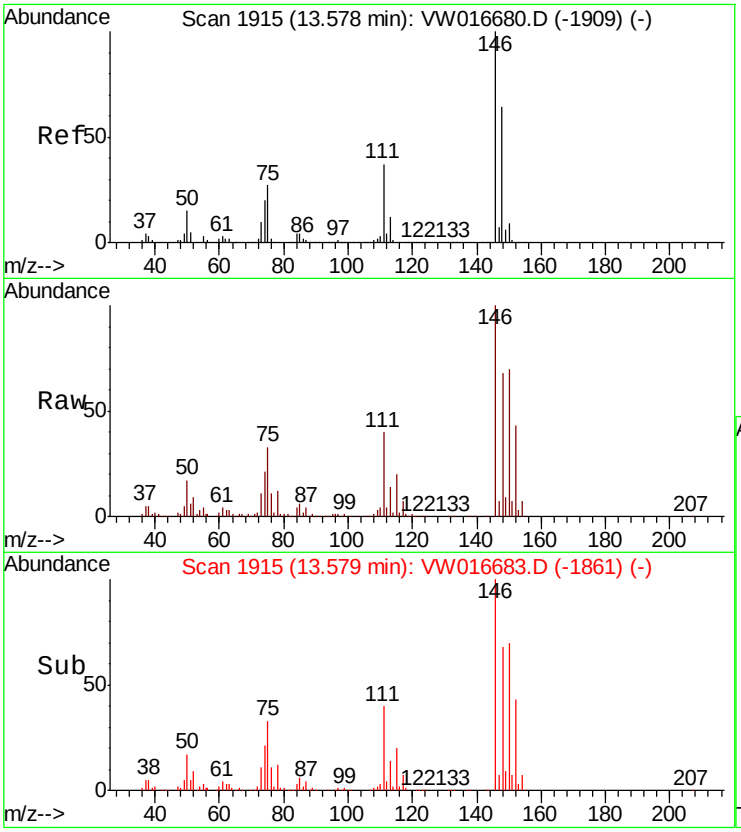


#63
1,3-Dichlorobenzene
Concen: 30.773 ug/L
RT: 13.50 min Scan# 1902
Delta R.T. 0.00 min
Lab File: VW016683.D
Acq: 29 Sep 2020 11:29

Tgt Ion:146 Resp: 802603

Ion	Ratio	Lower	Upper
146	100		
111	39.3	25.0	46.4
148	65.5	44.0	81.8



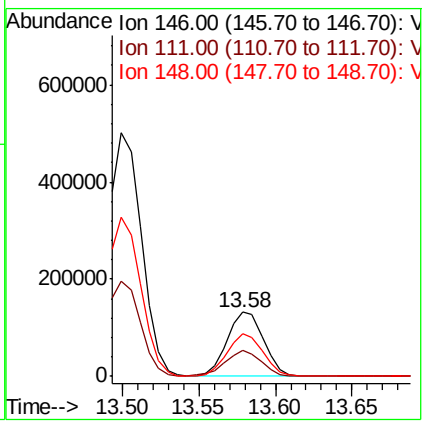


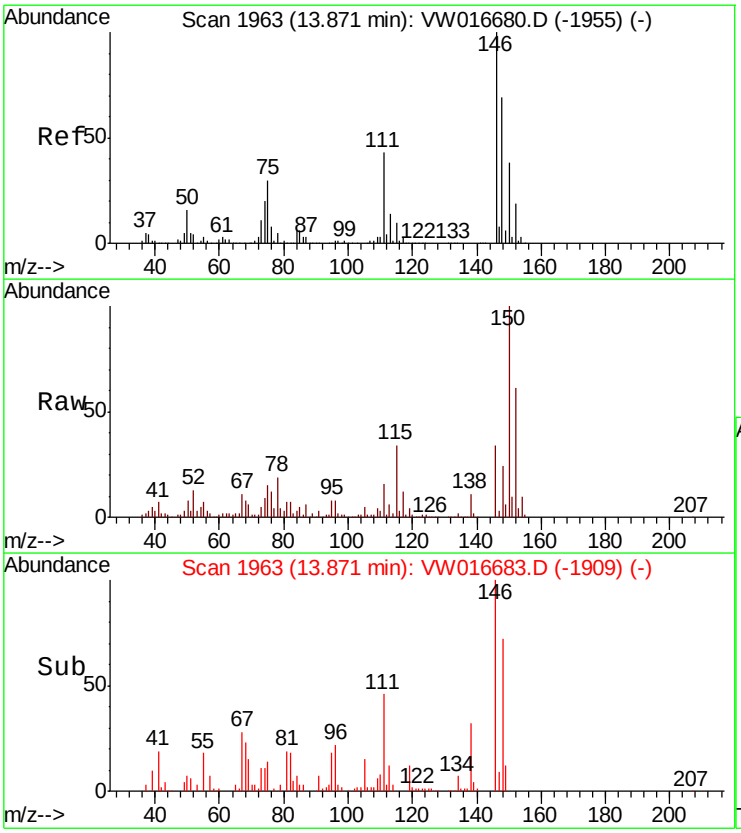
#64
1,4-Dichlorobenzene
Concen: 8.542 ug/L
RT: 13.58 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW016683.D
Acq: 29 Sep 2020 11:29

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Tgt Ion:146 Resp: 218186

Ion	Ratio	Lower	Upper
146	100		
111	40.1	25.1	46.5
148	67.6	42.3	78.5

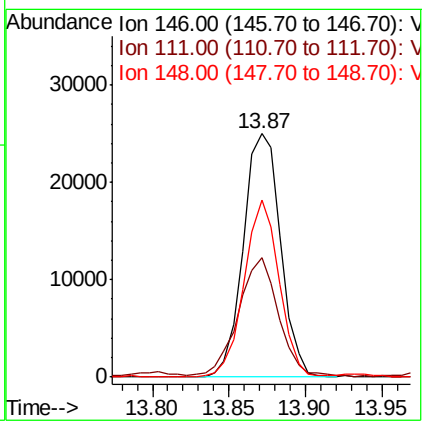


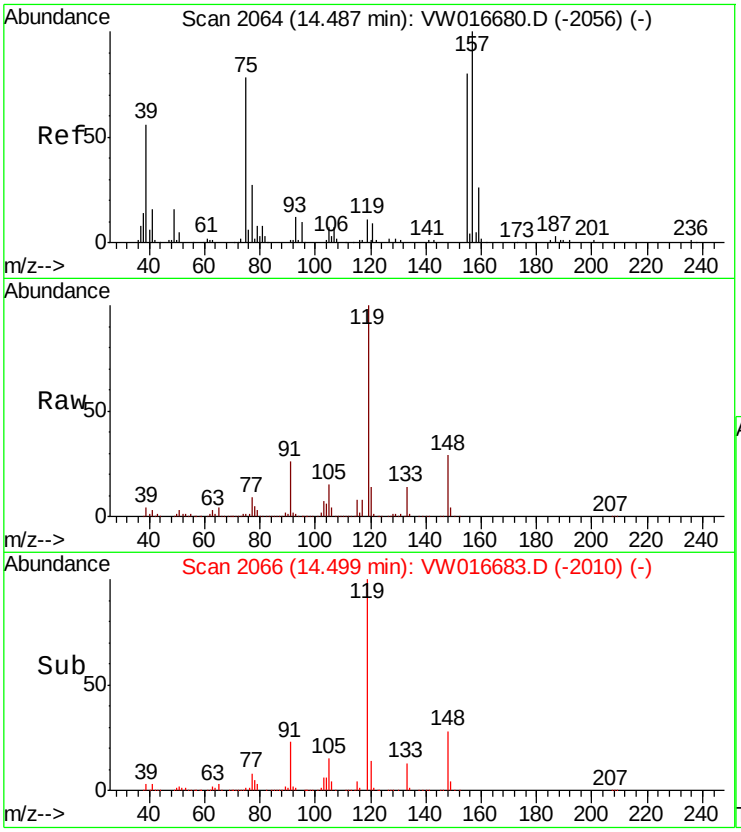


#65
1,2-Dichlorobenzene
Concen: 1.820 ug/L
RT: 13.87 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VW016683.D
Acq: 29 Sep 2020 11:29

Tgt Ion:146 Resp: 42424

Ion	Ratio	Lower	Upper
146	100		
111	49.0	31.4	47.0#
148	72.7	49.3	73.9



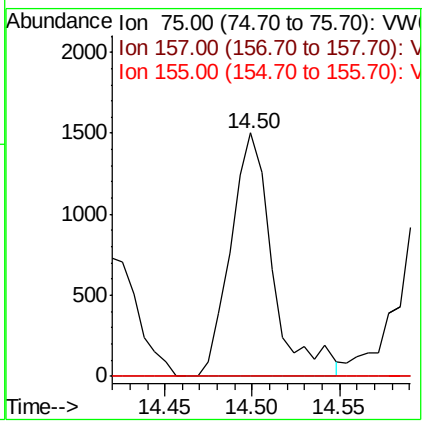


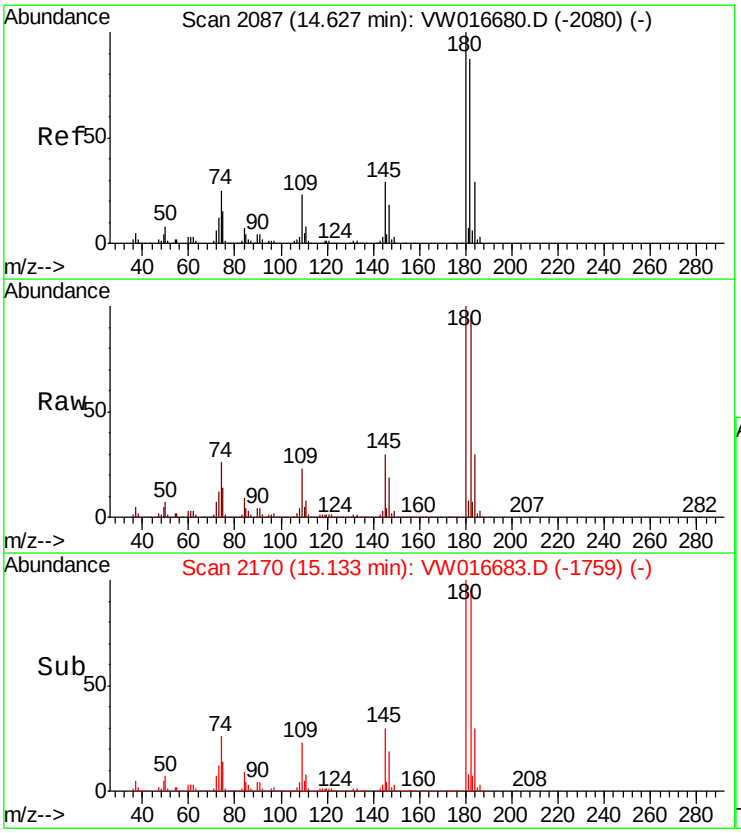
#66
1,2-Dibromo-3-chloropropane
Concen: 1.503 ug/L
RT: 14.50 min Scan# 2066
Delta R.T. 0.01 min
Lab File: VW016683.D
Acq: 29 Sep 2020 11:29

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0RE

Tgt Ion: 75 Resp: 2510

Ion	Ratio	Lower	Upper
75	100		
157	0.0	92.2	138.4#
155	0.0	73.5	110.3#

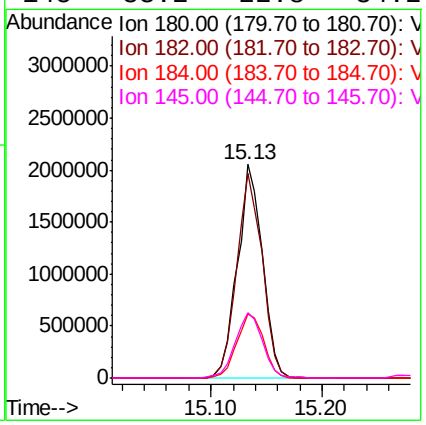


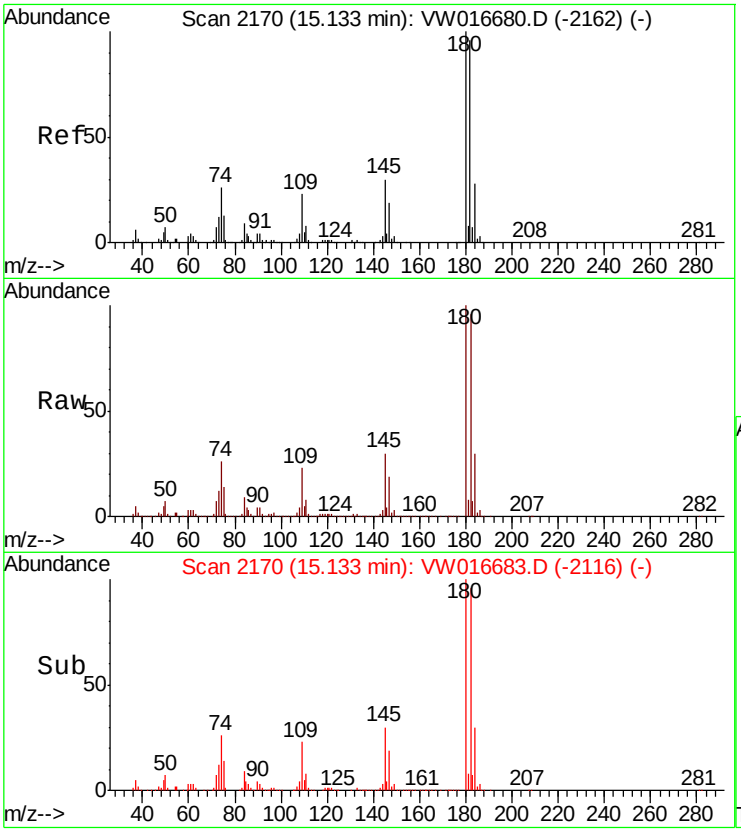


#67
1,3,5-Trichlorobenzene
Concen: 168.280 ug/L
RT: 15.13 min Scan# 2170
Delta R.T. 0.51 min
Lab File: VW016683.D
Acq: 29 Sep 2020 11:29

Tgt Ion:180 Resp: 3209911

Ion	Ratio	Lower	Upper
180	100		
182	97.1	73.8	110.8
184	31.8	23.7	35.5
145	33.2	22.8	34.2



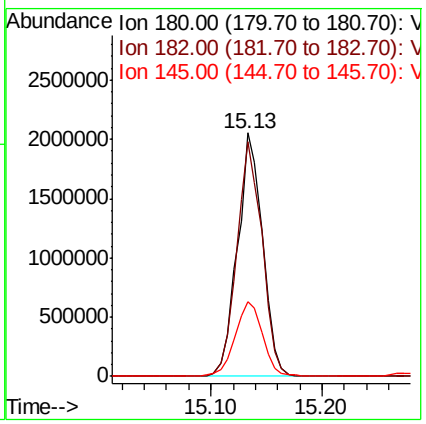


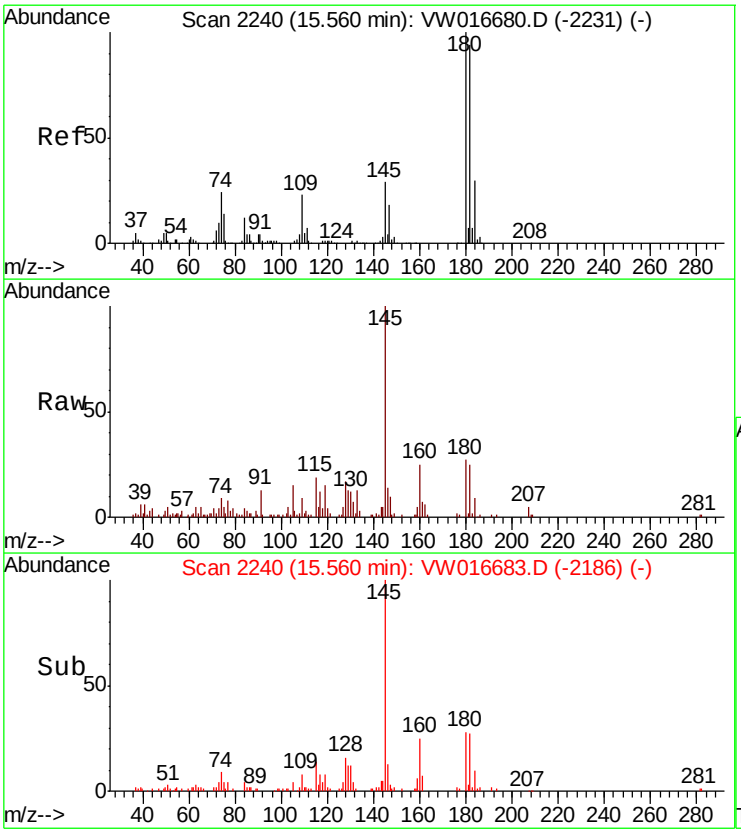
#68
1,2,4-trichlorobenzene
Concen: 208.024 ug/L
RT: 15.13 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VW016683.D
Acq: 29 Sep 2020 11:29

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0RE

Tgt Ion:180 Resp: 3209911

Ion	Ratio	Lower	Upper
180	100		
182	97.1	74.5	111.7
145	33.4	23.1	34.7





#70
1,2,3-Trichlorobenzene
Concen: 0.532 ug/L
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016683.D
Acq: 29 Sep 2020 11:29

Tgt Ion:180 Resp: 7063

Ion	Ratio	Lower	Upper
180	100		
182	101.0	76.3	114.5
145	248.9	24.1	36.1#