Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111120\
Data File : VW017165.D
Acq On : 11 Nov 2020 15:48
Operator : SY/VA
Sample : L4693-08
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG4D8

Quant Time: Nov 12 03:16:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 12 03:07:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	506900	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.64	117	356298	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115108	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.35	65	129915	20.35	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.40%				
7) Chloroethane-d5	2.89	69	110009	22.36	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.44%				
10) 1,1-Dichloroethene-d2	4.02	63	176384	15.44	ug/L		0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.76%				
20) 2-Butanone-d5	7.09	46	37009	25.92	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 51.84%				
24) Chloroform-d	7.65	84	250869	21.20	ug/L		0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.80%				
26) 1,2-Dichloroethane-d4	8.31	65	115113	19.57	ug/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 78.28%				
29) Benzene-d6	8.28	84	500594	27.59	ug/L		0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.36%				
33) 1,2-Dichloropropane-d6	9.28	67	132793	26.46	ug/L		0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.84%				
37) Toluene-d8	10.33	98	452027	26.42	ug/L		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.68%				
38) trans-1,3-Dichloropropene-	10.59	79	45956	20.31	ug/L		0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.24%				
39) 2-Hexanone-d5	11.00	63	202	0.23	ug/L		0.07
Spiked Amount 50.000	Range 20 - 135		Recovery = 0.46%#				
48) 1,1,2,2-Tetrachloroethane-	12.69	84	71270	16.30	ug/L		0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 65.20%				
61) 1,2-Dichlorobenzene-d4	13.86	152	90498	22.32	ug/L		0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.28%				
Target Compounds							Qvalue
12) 1,1-Dichloroethene	4.05	96	5762	0.916	ug/L	#	1
13) Acetone	4.14	43	10763	11.258	ug/L		42
14) Carbon disulfide	4.39	76	42914	2.506	ug/L		98
16) Methylene chloride	4.92	84	10417	1.524	ug/L		93
22) cis-1,2-Dichloroethene	7.17	96	11504	1.671	ug/L		95
34) Benzene	8.33	78	114334	6.111	ug/L		100
35) Trichloroethene	9.10	95	2092176	399.204	ug/L		100
40) 1,2-Dichloropropane	9.27	63	15216	3.479	ug/L	#	87
42) cis-1,3-Dichloropropene	10.04	75	3551	0.513	ug/L	#	51
43) 4-Methyl-2-pentanone	10.21	43	3964	1.469	ug/L		91
44) Toluene	10.40	91	10900	0.529	ug/L		98
45) trans-1,3-Dichloropropene	10.59	75	2317	0.389	ug/L		97
47) Tetrachloroethene	10.86	164	5939784	1256.170	ug/L		92
50) Dibromochloromethane	11.14	129	1736	0.378	ug/L	#	11
53) Ethylbenzene	11.74	91	11467	0.499	ug/L		96
54) m,p-Xylene	11.85	106	7496	0.833	ug/L		93
55) o-xylene	12.17	106	3829	0.448	ug/L		92

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
Data File : VW017165.D
Acq On : 11 Nov 2020 15:48
Operator : SY/VA
Sample : L4693-08
Misc : 5.60G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG4D8

Quant Time: Nov 12 03:16:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 12 03:07:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
59) 1,2,3-Trichloropropane	13.56	75	15207	4.857 ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	10656	1.481 ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	8308	1.287 ug/L	93
69) Naphthalene	15.37	128	5789	0.747 ug/L	99

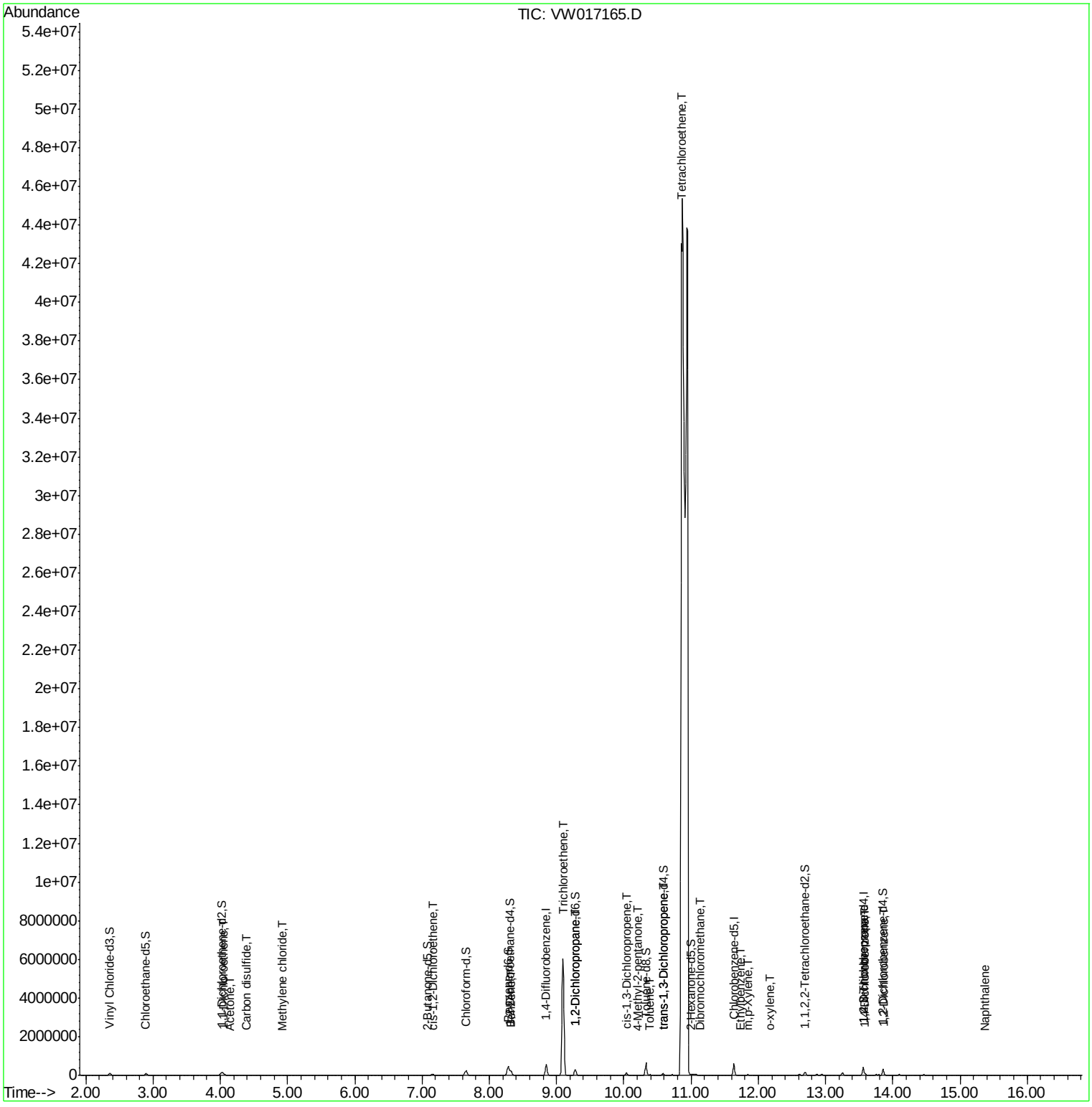
(#) = qualifier out of range (m) = manual integration (+) = signals summed

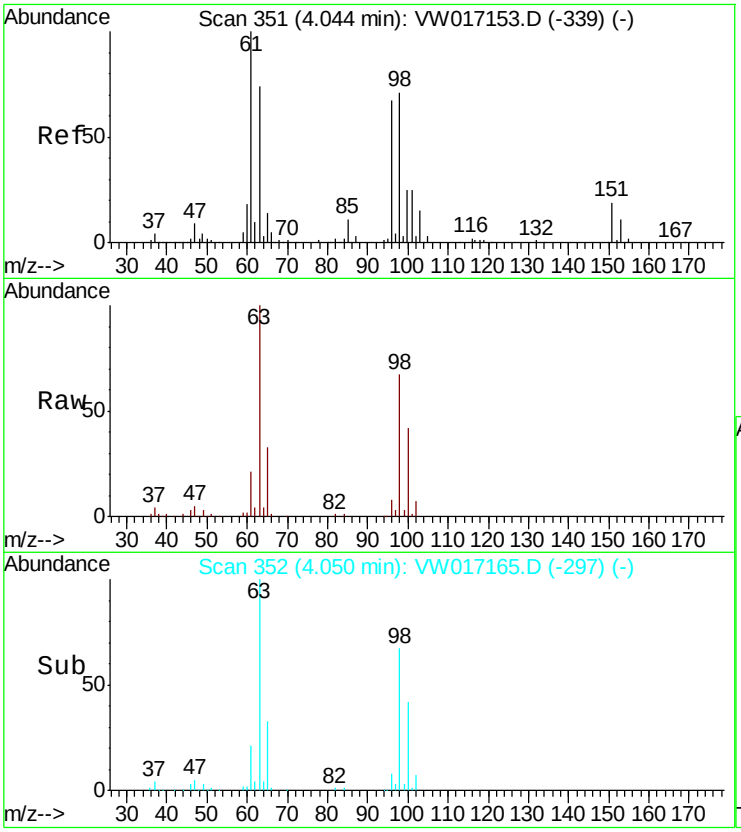
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
Data File : VW017165.D
Acq On : 11 Nov 2020 15:48
Operator : SY/VA
Sample : L4693-08
Misc : 5.60G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4D8

Quant Time: Nov 12 03:16:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 12 03:07:51 2020
Response via : Initial Calibration



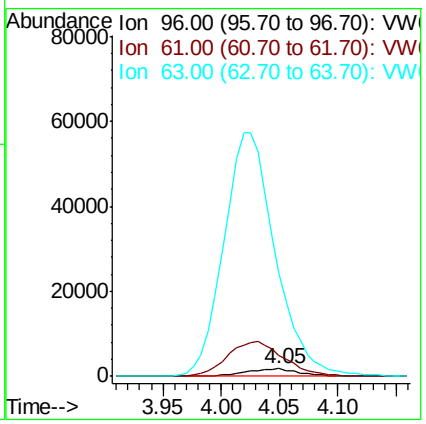


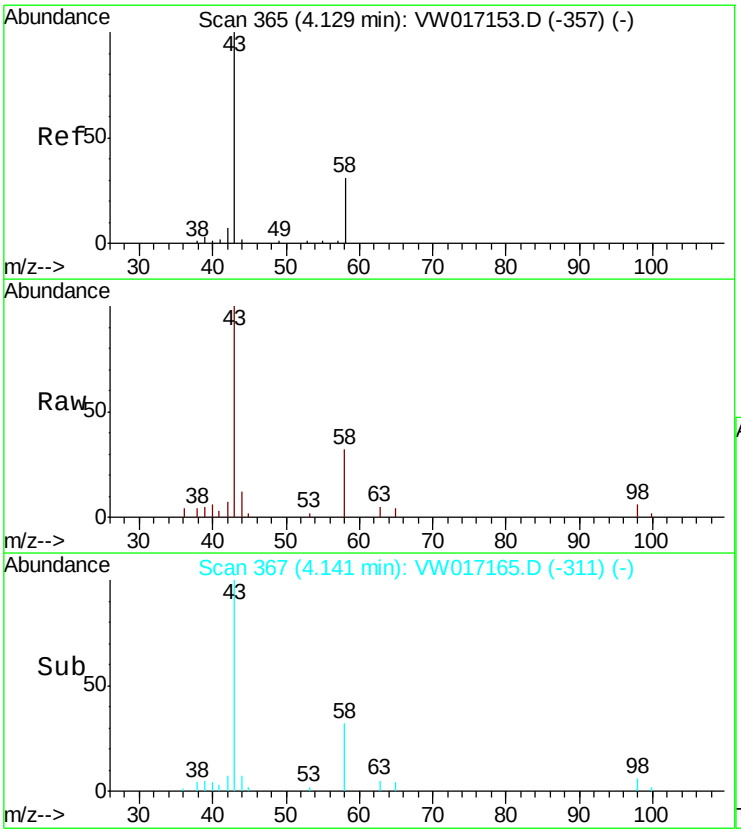
#12
1,1-Dichloroethene
Concen: 0.916 ug/L
RT: 4.05 min Scan# 352
Delta R.T. 0.01 min
Lab File: VW017165.D
Acq: 11 Nov 2020 15:48

Instrument :
MSVOA_W
ClientSampleId :
BG4D8

Tgt Ion: 96 Resp: 5762

Ion	Ratio	Lower	Upper
96	100		
61	271.9	103.8	192.8#
63	1320.9	84.4	156.7#

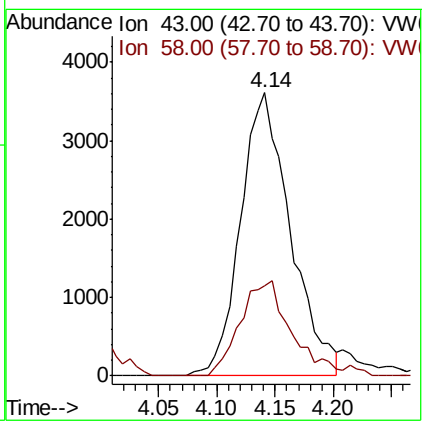


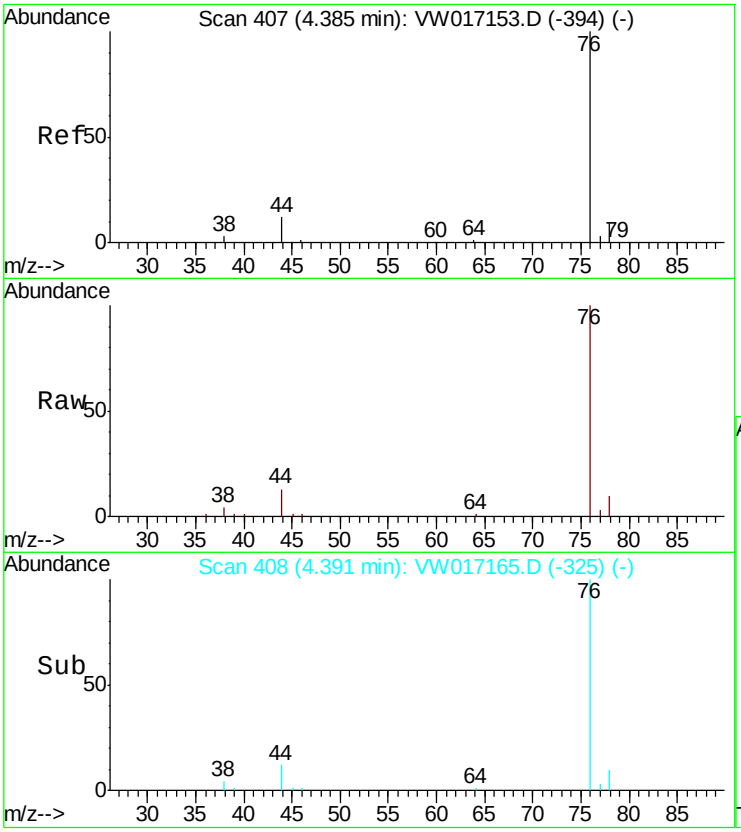


#13
Acetone
Concen: 11.258 ug/L
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW017165.D
Acq: 11 Nov 2020 15:48

Tgt Ion: 43 Resp: 10763

Ion	Ratio	Lower	Upper
43	100		
58	0.9	0.0	69.2



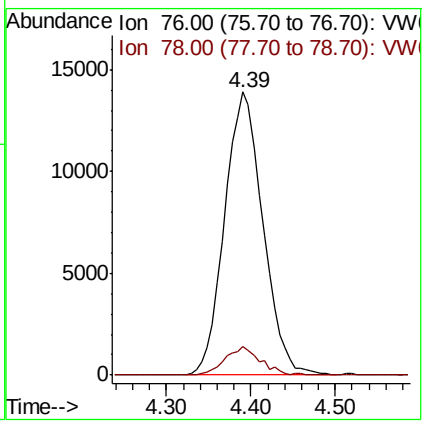


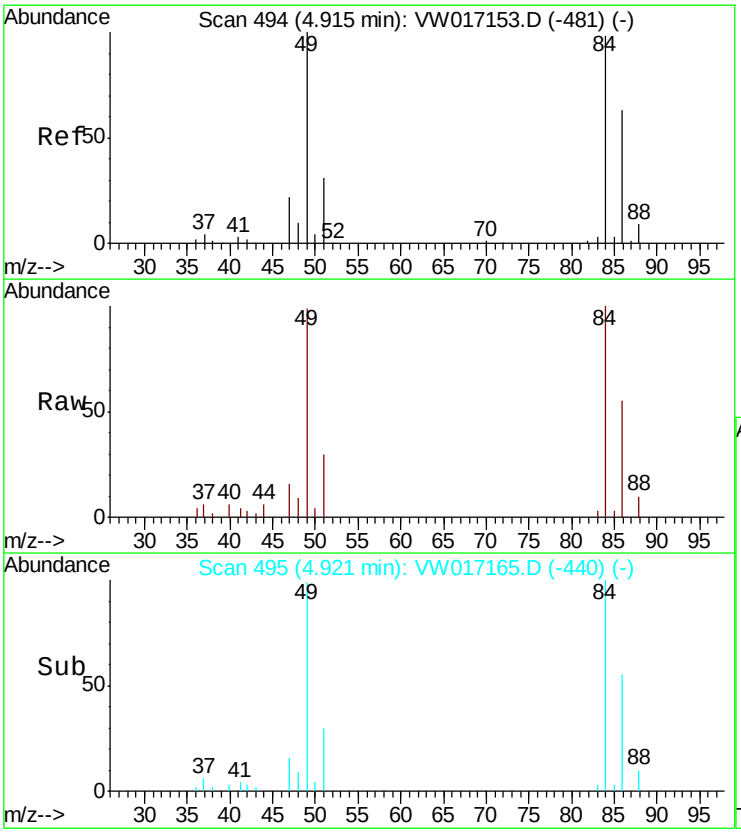
#14
Carbon disulfide
Concen: 2.506 ug/L
RT: 4.39 min Scan# 408
Delta R.T. 0.01 min
Lab File: VW017165.D
Acq: 11 Nov 2020 15:48

Instrument : MSVOA_W
ClientSampleId : BG4D8

Tgt Ion: 76 Resp: 42914

Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.6	11.4

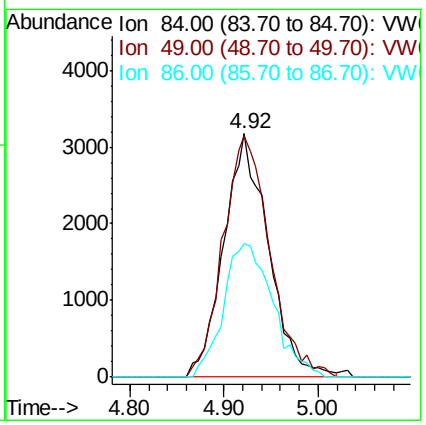


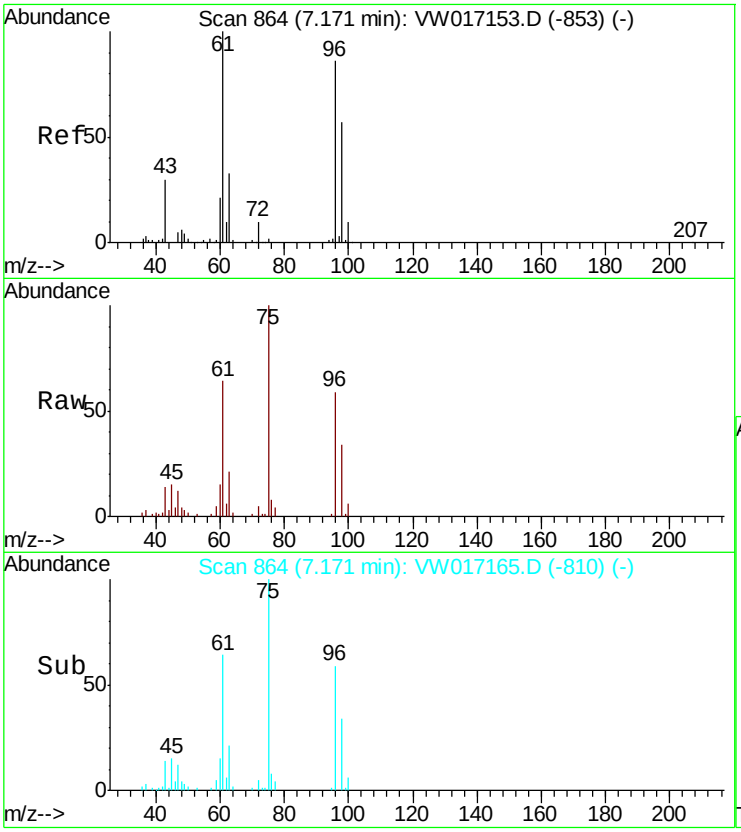


#16
Methylene chloride
Concen: 1.524 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017165.D
Acq: 11 Nov 2020 15:48

Tgt Ion: 84 Resp: 10417

Ion	Ratio	Lower	Upper
84	100		
49	99.1	72.3	134.3
86	54.8	45.1	83.7



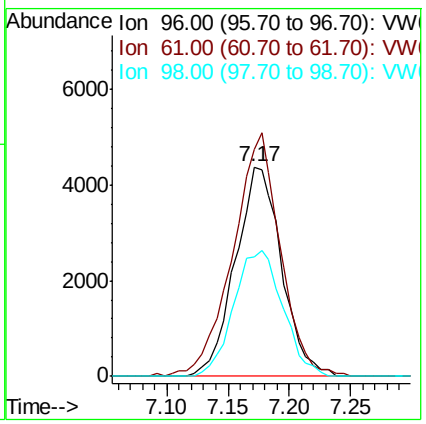


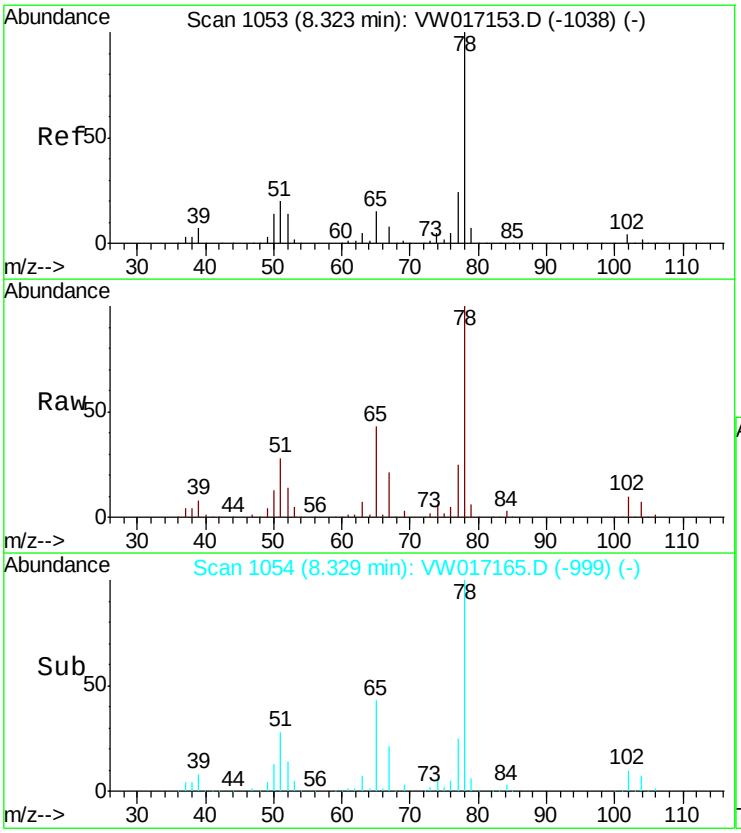
#22
cis-1,2-Dichloroethene
Concen: 1.671 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW017165.D
Acq: 11 Nov 2020 15:48

Instrument :
MSVOA_W
ClientSampleId :
BG4D8

Tgt Ion: 96 Resp: 11504

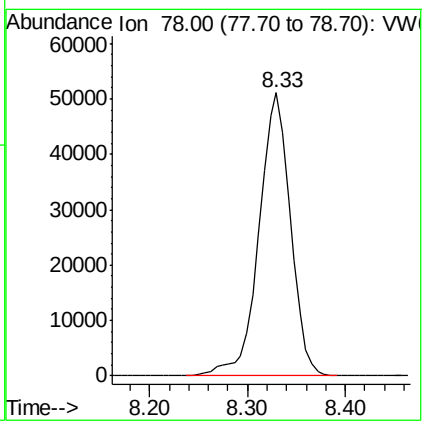
Ion	Ratio	Lower	Upper
96	100		
61	108.5	77.4	143.8
98	57.2	45.1	83.7

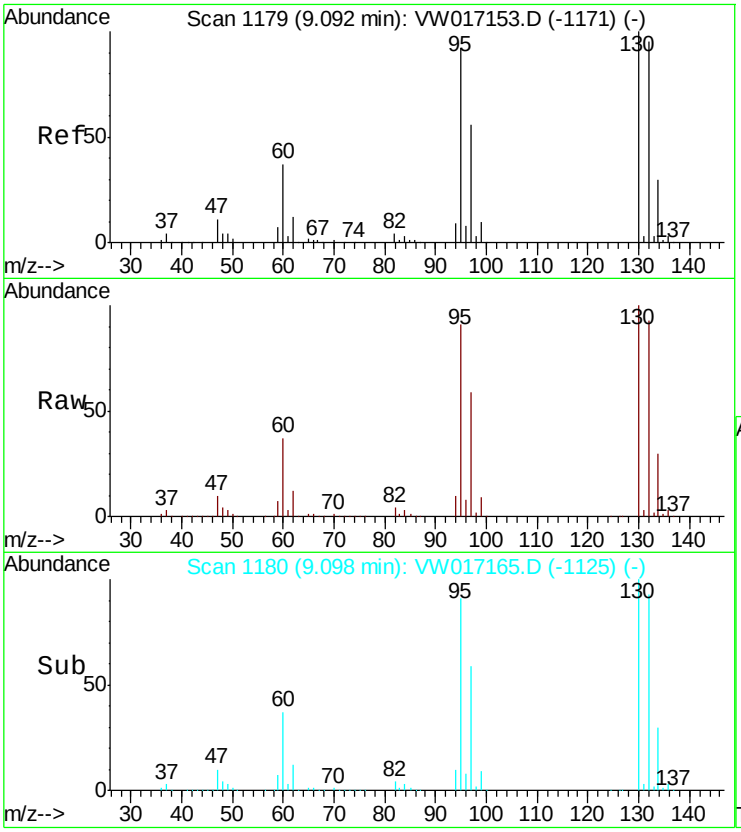




#34
Benzene
Concen: 6.111 ug/L
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW017165.D
Acq: 11 Nov 2020 15:48

Tgt Ion: 78 Resp: 114334



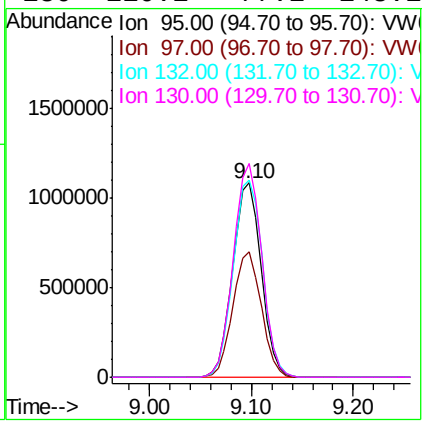


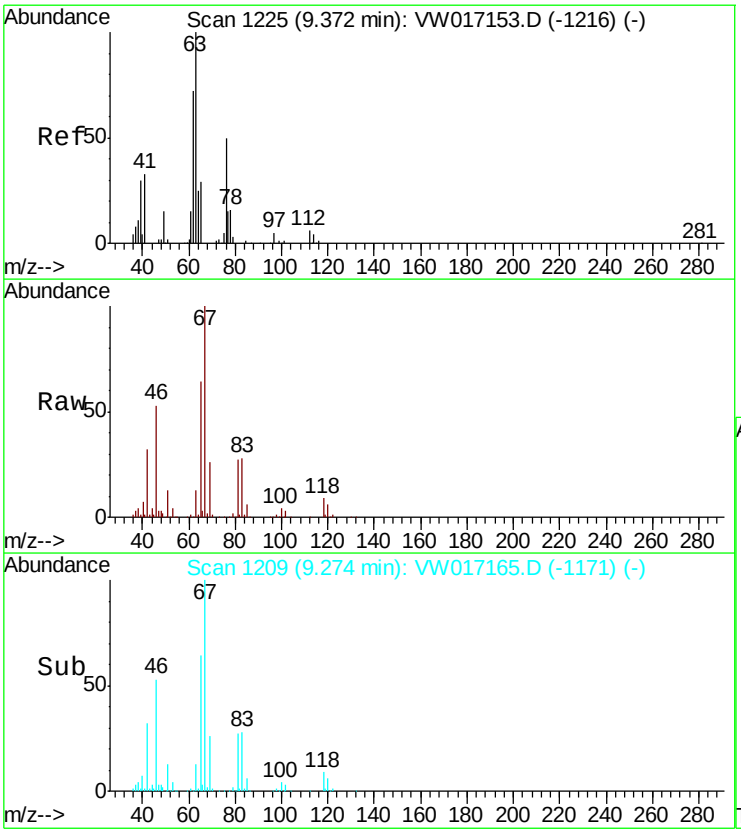
#35
Trichloroethene
Concen: 399.204 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW017165.D
Acq: 11 Nov 2020 15:48

Instrument : MSVOA_W
ClientSampleId : BG4D8

Tgt Ion: 95 Resp: 2092176

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.0	83.6
132	104.7	73.7	136.9
130	110.1	77.1	143.1

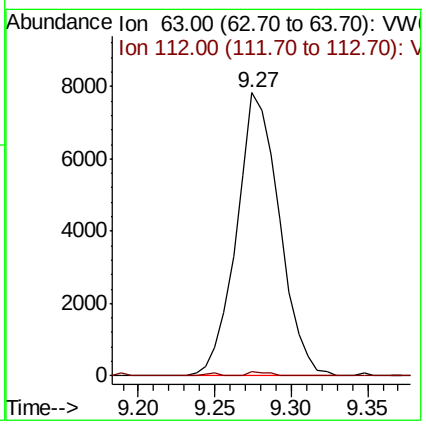


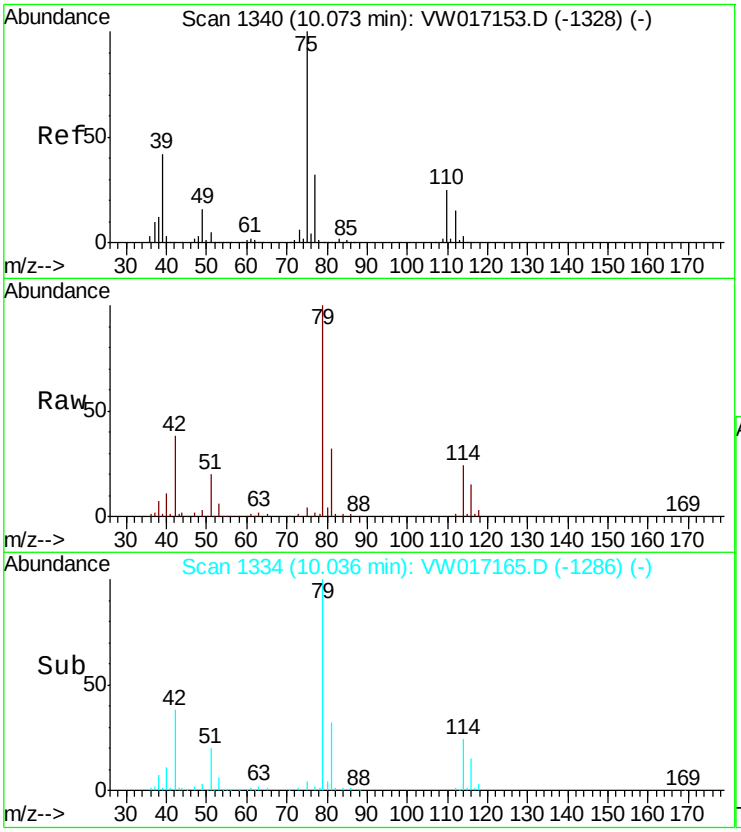


#40
1,2-Dichloropropane
Concen: 3.479 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW017165.D
Acq: 11 Nov 2020 15:48

Tgt Ion: 63 Resp: 15216

Ion	Ratio	Lower	Upper
63	100		
112	0.7	4.2	6.2#



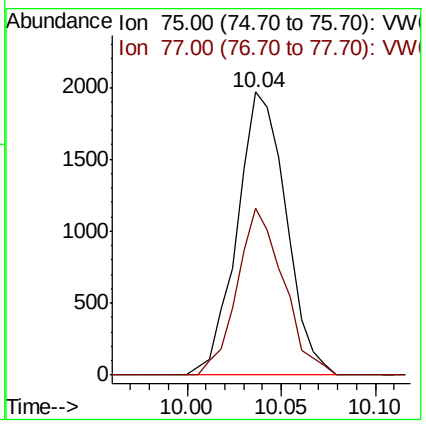


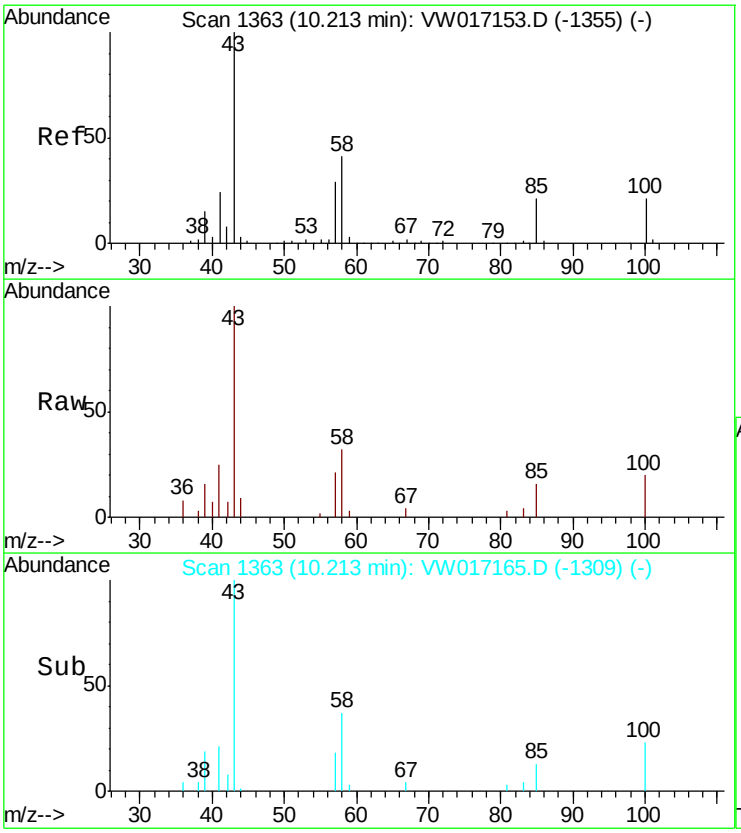
#42
cis-1,3-Dichloropropene
Concen: 0.513 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017165.D
Acq: 11 Nov 2020 15:48

Instrument : MSVOA_W
ClientSampleId : BG4D8

Tgt Ion: 75 Resp: 3551

Ion	Ratio	Lower	Upper
75	100		
77	58.9	22.0	41.0#

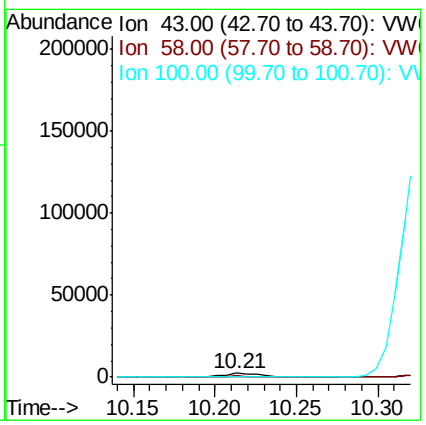


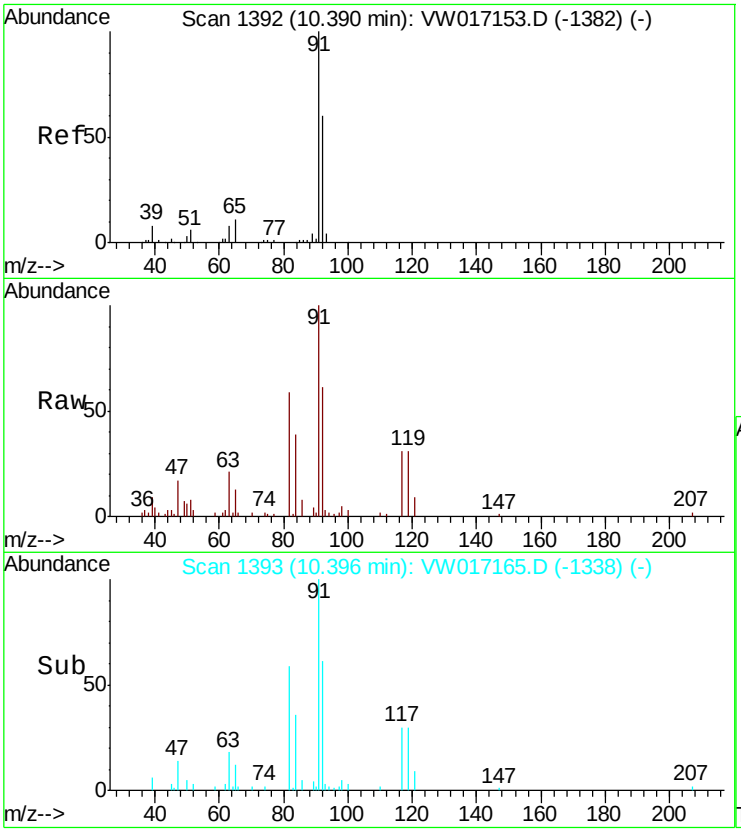


#43
4-Methyl-2-pentanone
Concen: 1.469 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW017165.D
Acq: 11 Nov 2020 15:48

Tgt Ion: 43 Resp: 3964

Ion	Ratio	Lower	Upper
43	100		
58	35.7	35.0	52.6
100	19.8	16.6	24.8



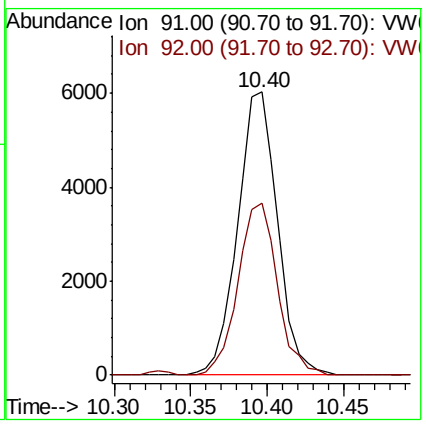


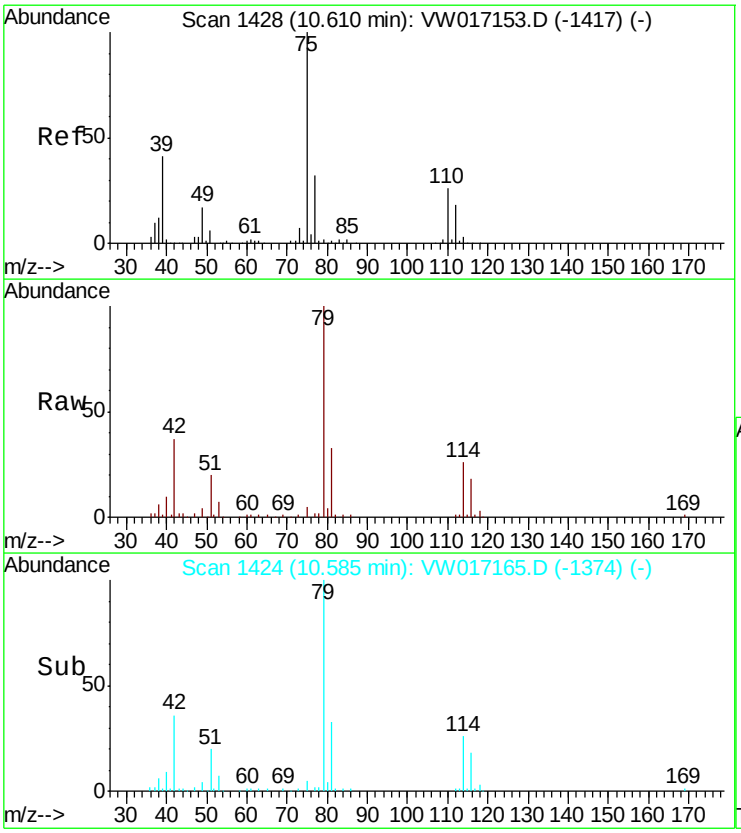
#44
Toluene
Concen: 0.529 ug/L
RT: 10.40 min Scan# 1393
Delta R.T. 0.01 min
Lab File: VW017165.D
Acq: 11 Nov 2020 15:48

Instrument :
MSVOA_W
ClientSampleId :
BG4D8

Tgt Ion: 91 Resp: 10900

Ion	Ratio	Lower	Upper
91	100		
92	60.7	41.4	76.8

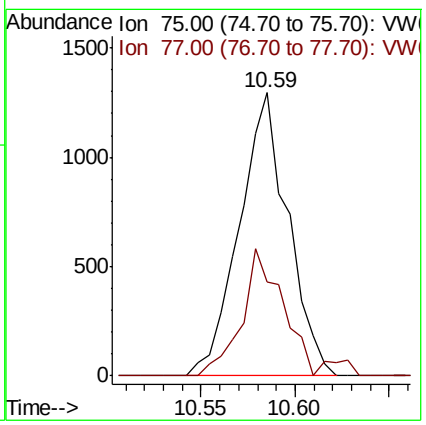


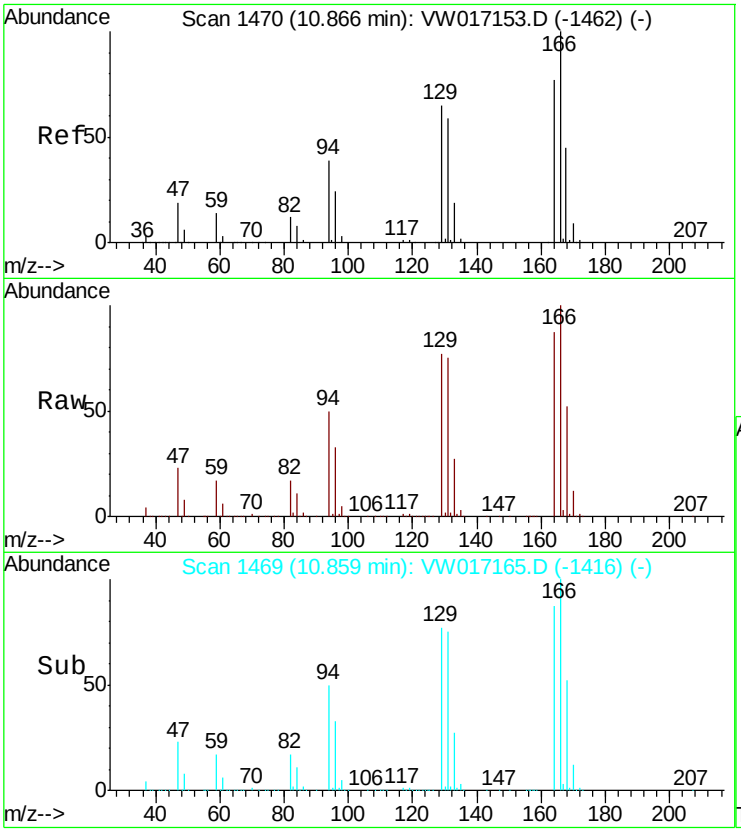


#45
trans-1,3-Dichloropropene
Concen: 0.389 ug/L
RT: 10.59 min Scan# 1424
Delta R.T. -0.02 min
Lab File: VW017165.D
Acq: 11 Nov 2020 15:48

Tgt Ion: 75 Resp: 2317

Ion	Ratio	Lower	Upper
75	100		
77	33.2	22.1	41.1



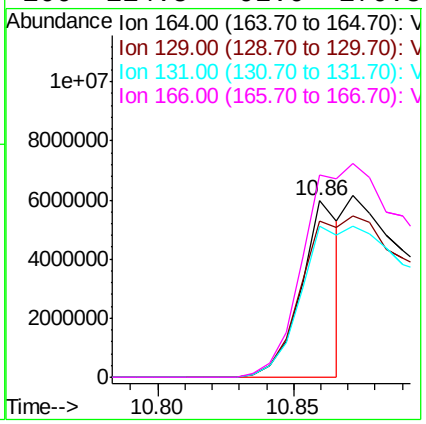


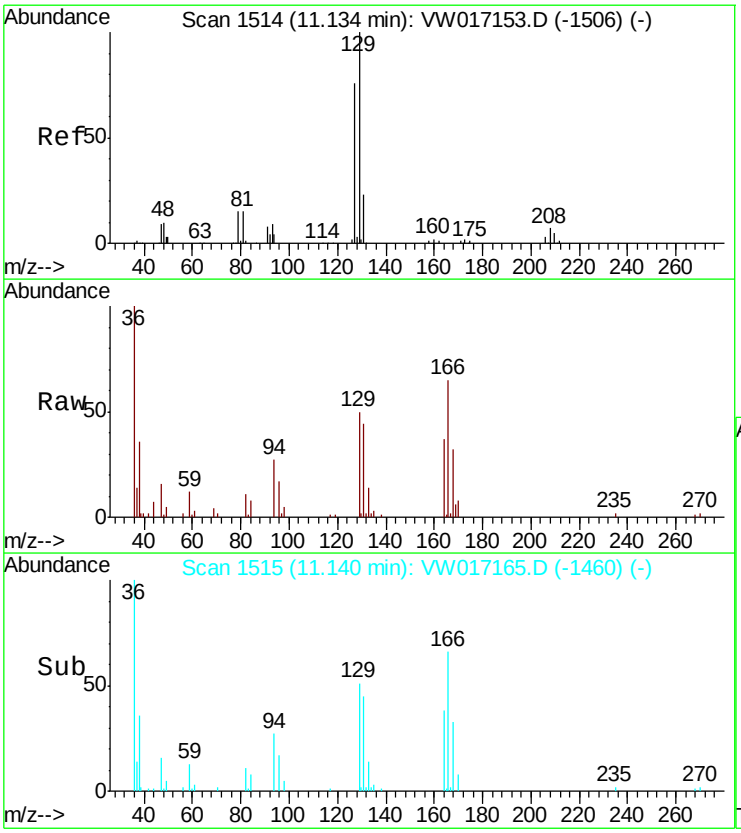
#47
Tetrachloroethene
Concen: 1256.170 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW017165.D
Acq: 11 Nov 2020 15:48

Instrument : MSVOA_W
ClientSampleId : BG4D8

Tgt Ion:164 Resp: 5939784

Ion	Ratio	Lower	Upper
164	100		
129	88.4	62.9	116.7
131	85.6	63.3	117.5
166	114.5	92.0	170.8

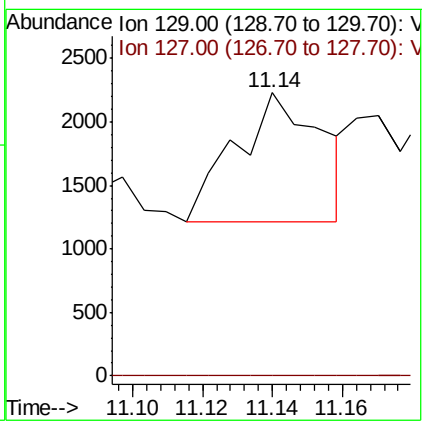


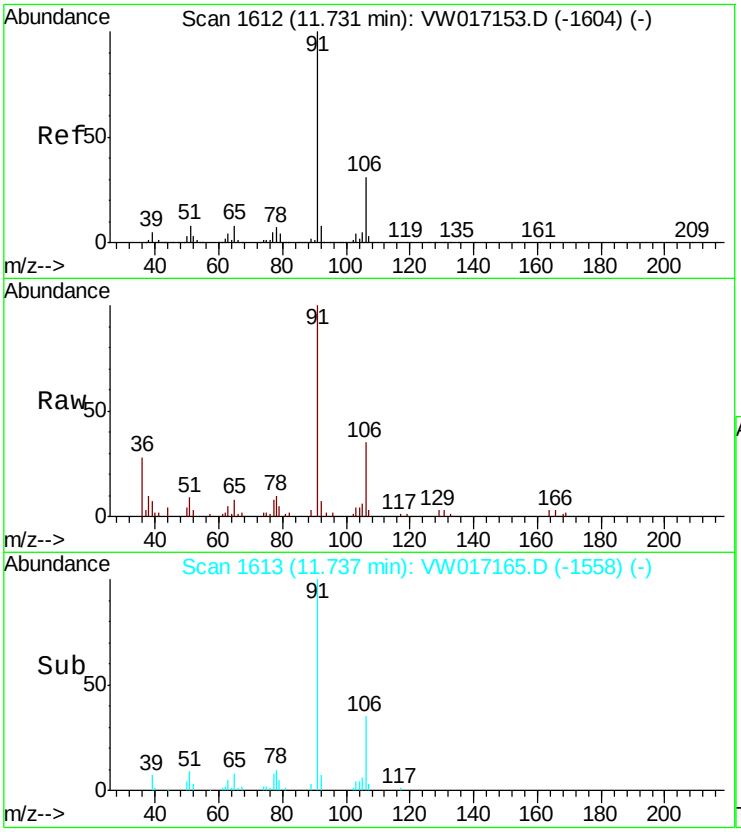


#50
Dibromochloromethane
Concen: 0.378 ug/L
RT: 11.14 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VW017165.D
Acq: 11 Nov 2020 15:48

Tgt Ion:129 Resp: 1736

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.3	100.9#



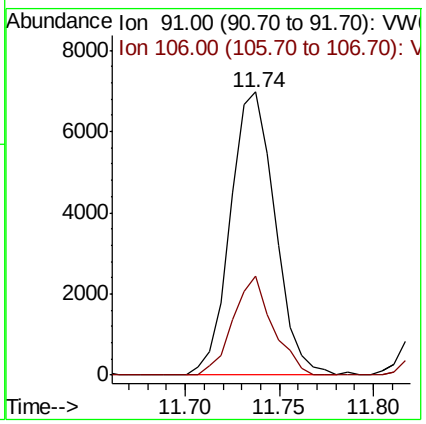


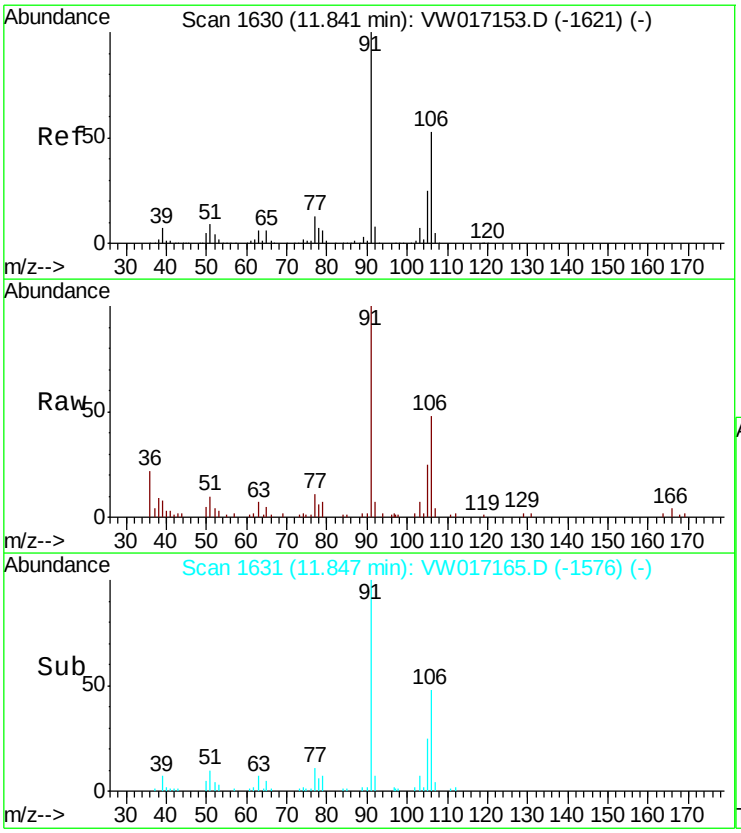
#53
Ethylbenzene
Concen: 0.499 ug/L
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW017165.D
Acq: 11 Nov 2020 15:48

Instrument : MSVOA_W
ClientSampleId : BG4D8

Tgt Ion: 91 Resp: 11467

Ion	Ratio	Lower	Upper
91	100		
106	34.9	22.9	42.5

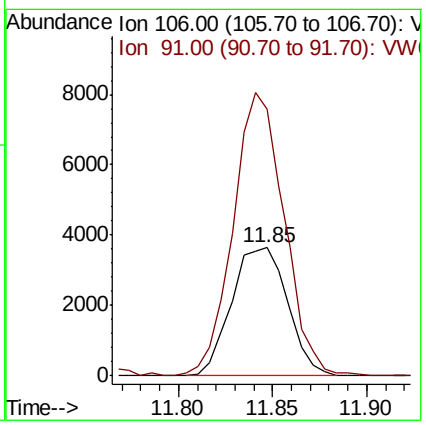


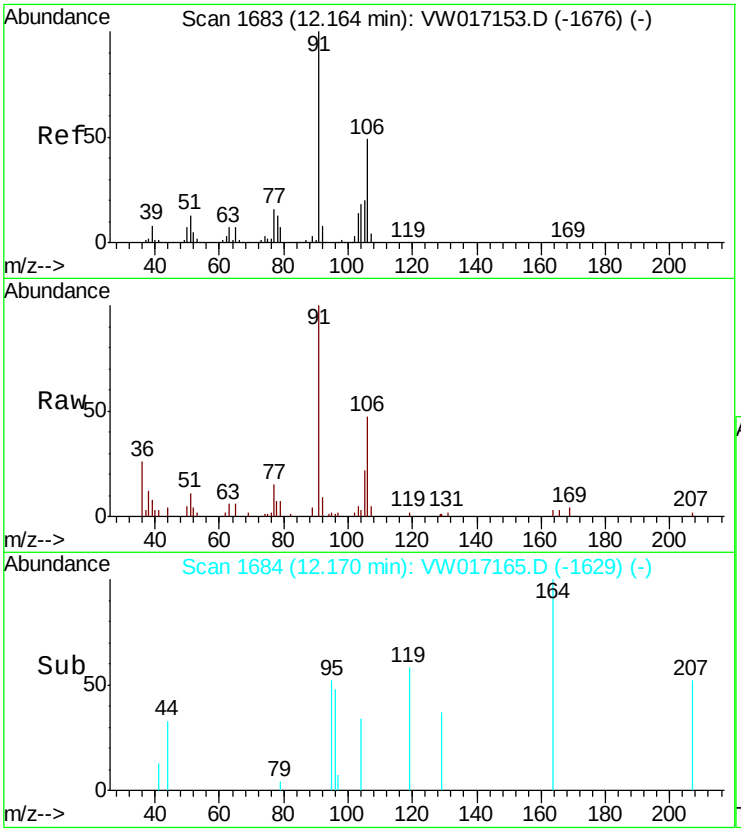


#54
m,p-Xylene
Concen: 0.833 ug/L
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW017165.D
Acq: 11 Nov 2020 15:48

Tgt Ion:106 Resp: 7496

Ion	Ratio	Lower	Upper
106	100		
91	208.5	138.7	257.5



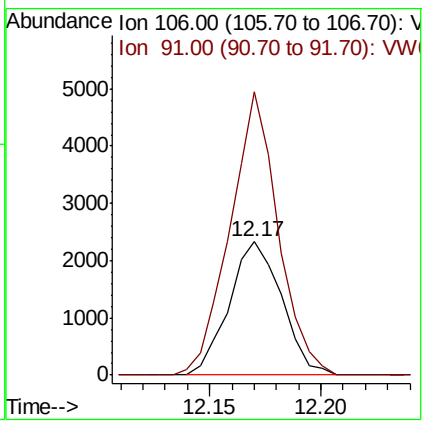


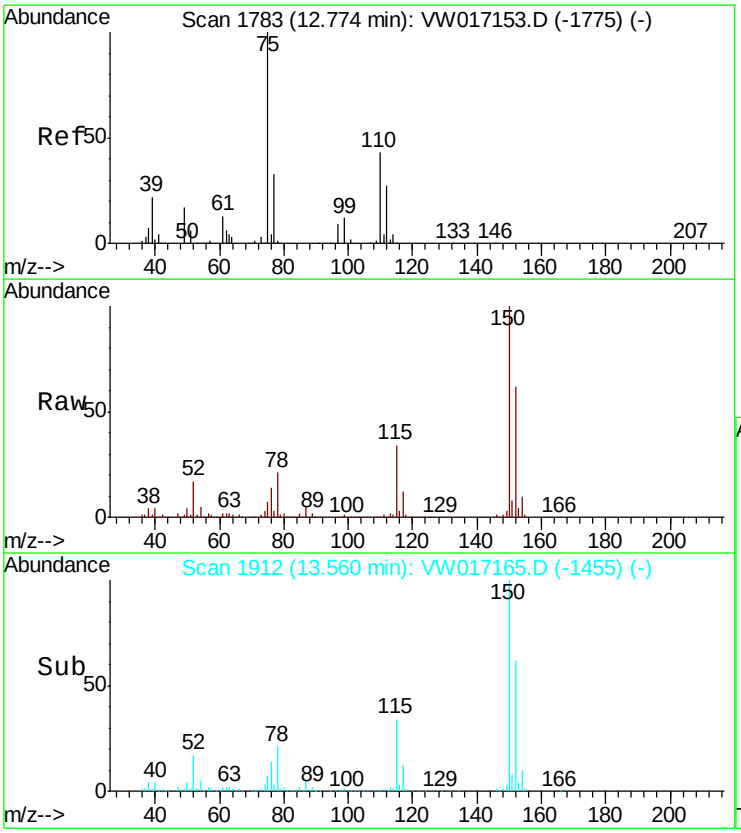
#55
o-xylene
Concen: 0.448 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW017165.D
Acq: 11 Nov 2020 15:48

Instrument :
MSVOA_W
ClientSampleId :
BG4D8

Tgt Ion:106 Resp: 3829

Ion	Ratio	Lower	Upper
106	100		
91	212.6	140.8	261.4

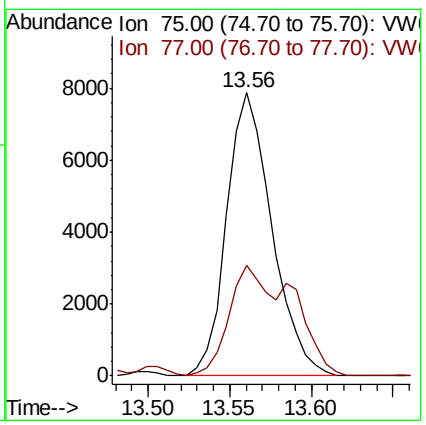


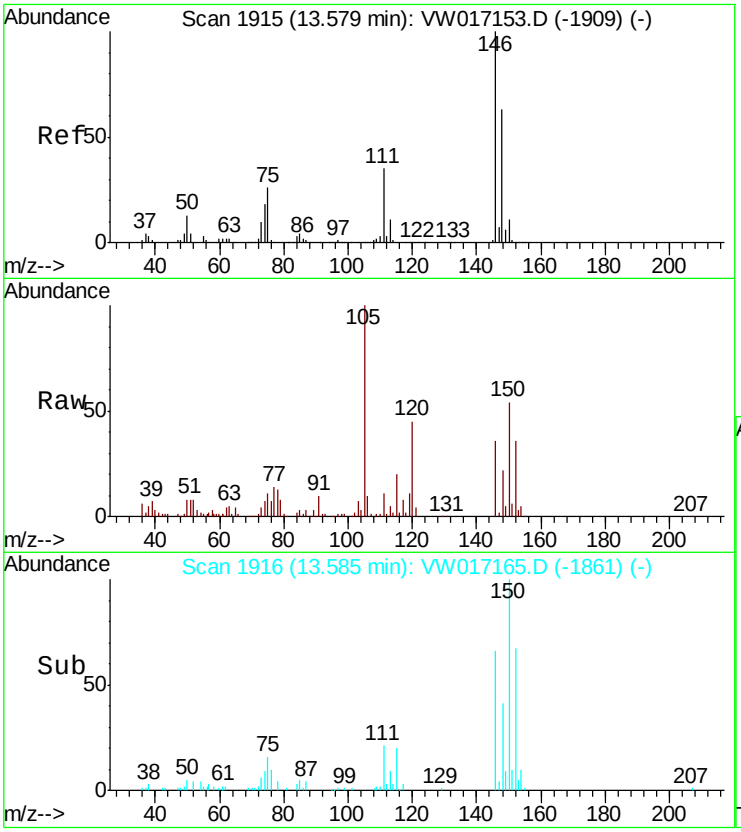


#59
1,2,3-Trichloropropane
Concen: 4.857 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW017165.D
Acq: 11 Nov 2020 15:48

Tgt Ion: 75 Resp: 15207

Ion	Ratio	Lower	Upper
75	100		
77	36.3	26.4	39.6



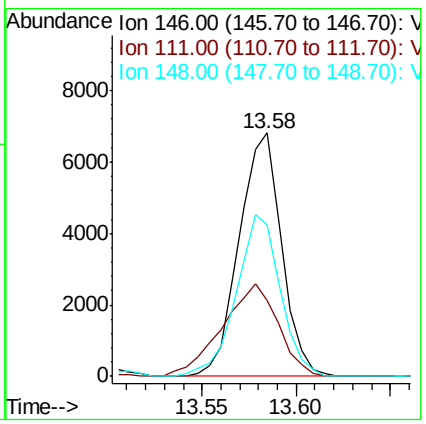


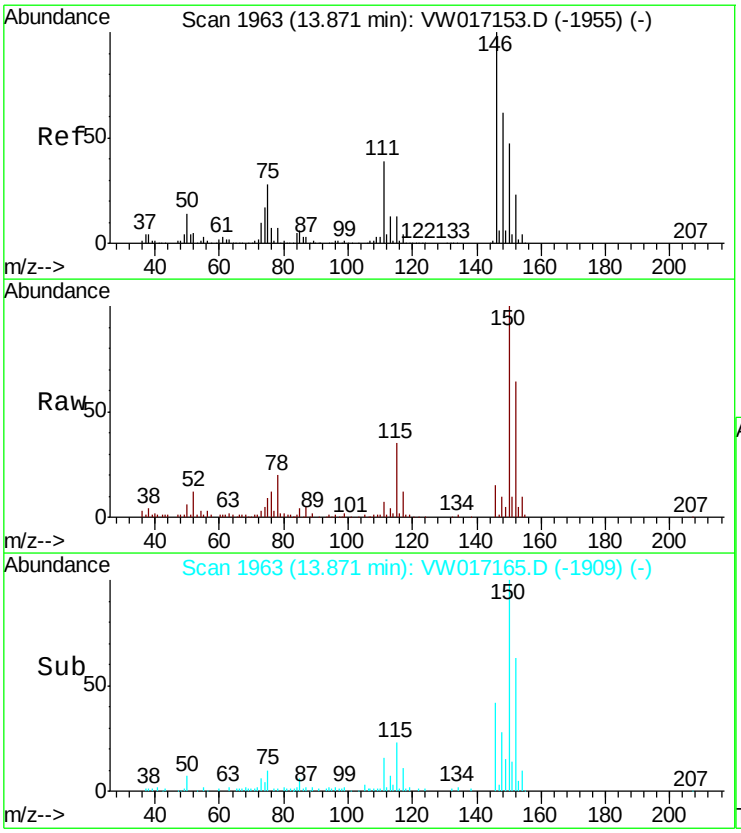
#64
1,4-Dichlorobenzene
Concen: 1.481 ug/L
RT: 13.58 min Scan# 1916
Delta R.T. 0.01 min
Lab File: VW017165.D
Acq: 11 Nov 2020 15:48

Instrument : MSVOA_W
ClientSampleId : BG4D8

Tgt Ion:146 Resp: 10656

Ion	Ratio	Lower	Upper
146	100		
111	31.1	24.5	45.5
148	62.4	45.5	84.5

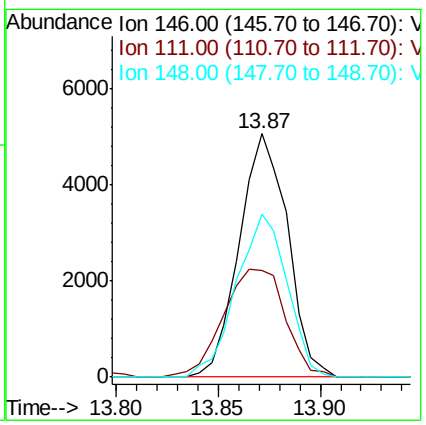


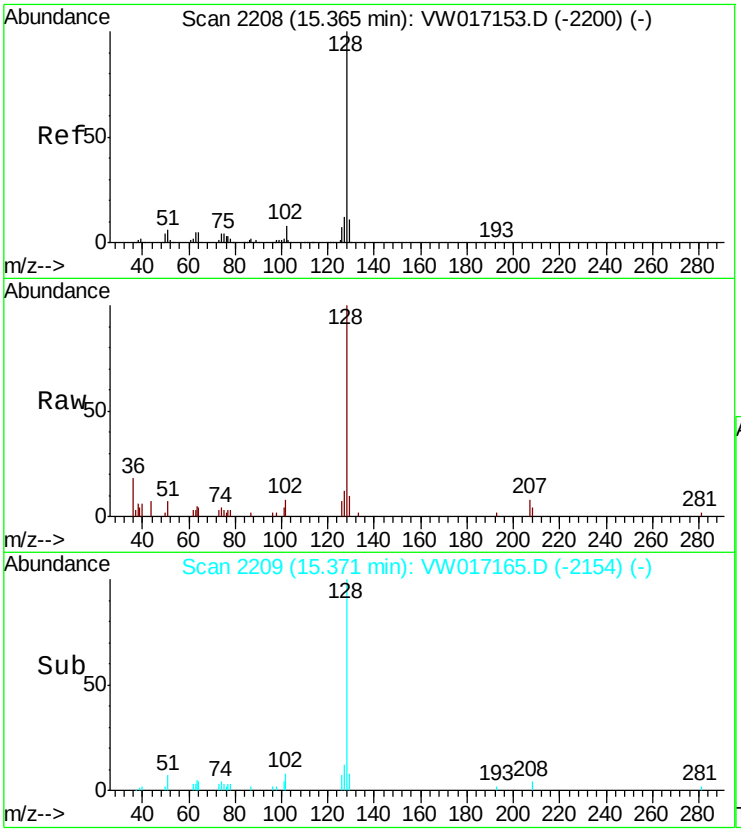


#65
1,2-Dichlorobenzene
Concen: 1.287 ug/L
RT: 13.87 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VW017165.D
Acq: 11 Nov 2020 15:48

Tgt Ion:146 Resp: 8308

Ion	Ratio	Lower	Upper
146	100		
111	44.0	30.5	45.7
148	67.2	50.3	75.5





#69
Naphthalene
Concen: 0.747 ug/L
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW017165.D
Acq: 11 Nov 2020 15:48

Instrument :
MSVOA_W
ClientSampleId :
BG4D8

Tgt Ion:128 Resp: 5789

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.4	10.2	15.2