

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052220\
 Data File : VW015451.D
 Acq On : 22 May 2020 14:42
 Operator : SY/VA
 Sample : L2753-03
 Misc : 7.93G/10.0mL/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 23 03:55:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 23 03:53:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	319289	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	229348	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	63364	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	60156	15.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.24%
7) Chloroethane-d5	2.89	69	64651	16.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.16%
10) 1,1-Dichloroethene-d2	4.01	63	105092	12.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.76%
20) 2-Butanone-d5	7.08	46	64468	60.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.84%
24) Chloroform-d	7.65	84	172425	21.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.52%
26) 1,2-Dichloroethane-d4	8.31	65	107186	23.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.92%
29) Benzene-d6	8.27	84	319164	25.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.76%
33) 1,2-Dichloropropane-d6	9.27	67	104435	27.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.84%
37) Toluene-d8	10.32	98	273562	22.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.68%
38) trans-1,3-Dichloropropene-	10.58	79	45816	26.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.88%
39) 2-Hexanone-d5	10.93	63	50152	71.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.78%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84703	29.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	45406	20.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.76%

Target Compounds

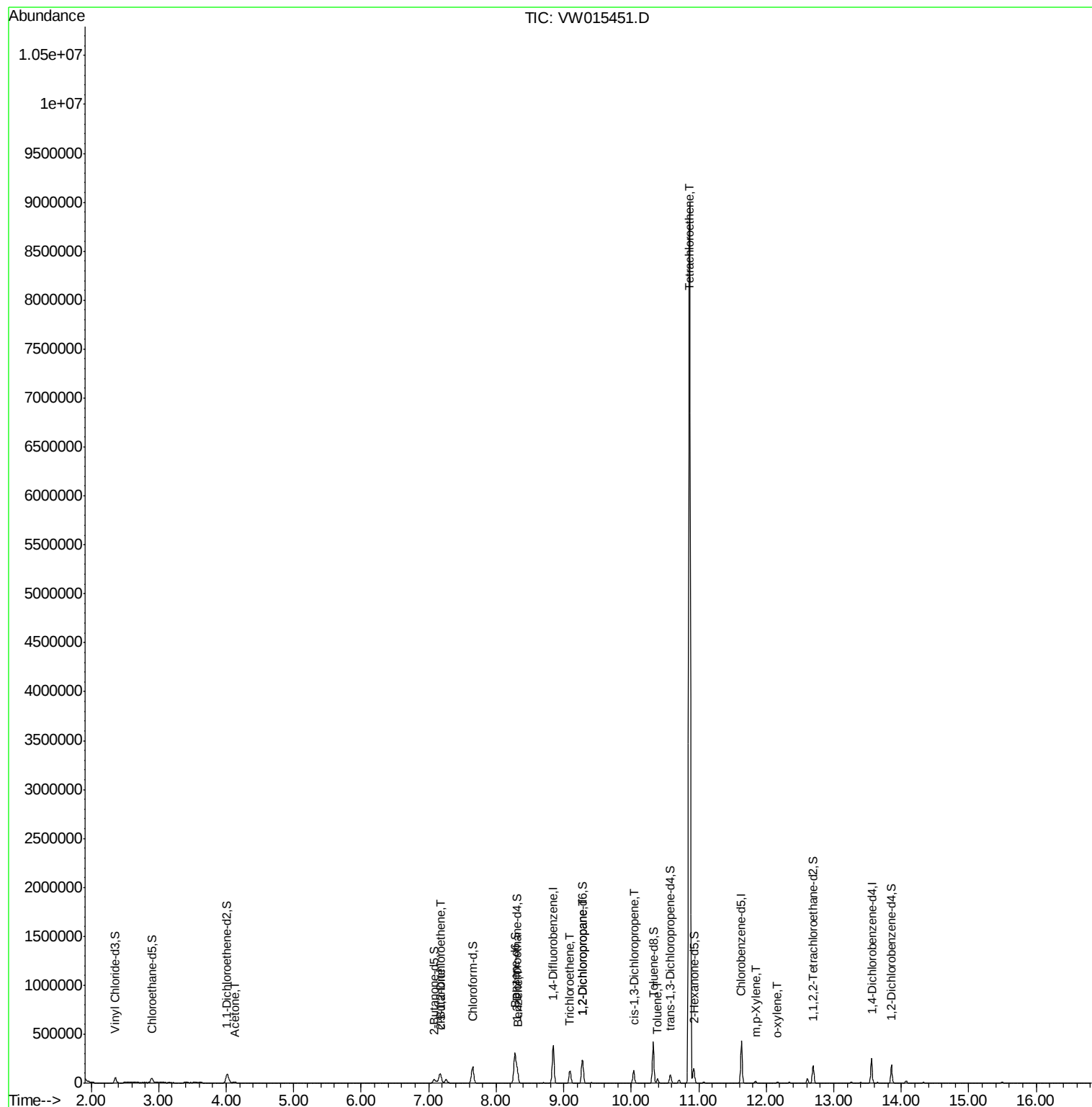
					Ovalue
13) Acetone	4.12	43	22164	27.431	ug/L 97
21) 2-Butanone	7.17	43	5112	4.208	ug/L 84
22) cis-1,2-Dichloroethene	7.17	96	48758	10.961	ug/L 99
34) Benzene	8.32	78	6795	0.506	ug/L 100
35) Trichloroethene	9.09	95	42875	11.924	ug/L 98
40) 1,2-Dichloropropane	9.27	63	12987	3.873	ug/L # 86
42) cis-1,3-Dichloropropene	10.04	75	3395	0.627	ug/L # 62
44) Toluene	10.39	91	31382	2.140	ug/L 100
47) Tetrachloroethene	10.87	164	1986227	736.347	ug/L 99
54) m,p-Xylene	11.84	106	4390	0.687	ug/L 97
55) o-xylene	12.17	106	1919	0.312	ug/L 95

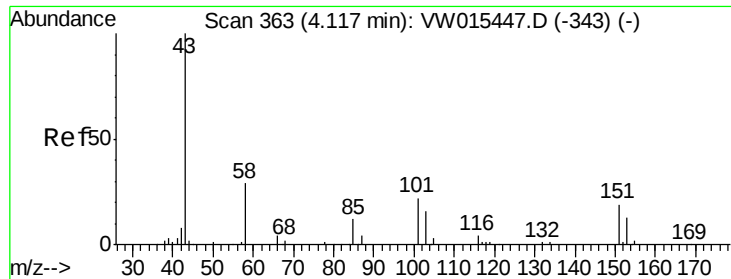
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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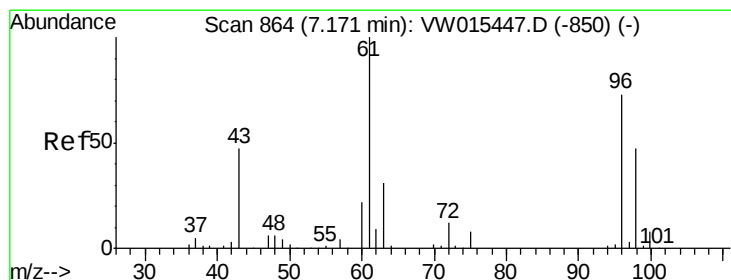
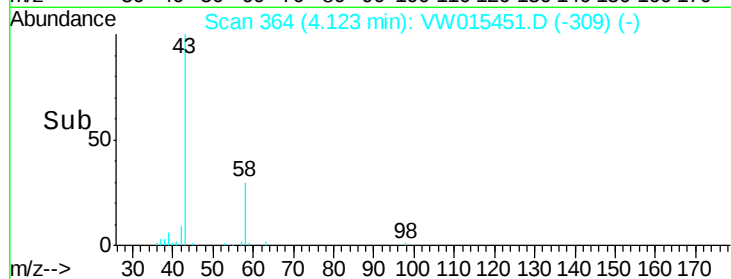
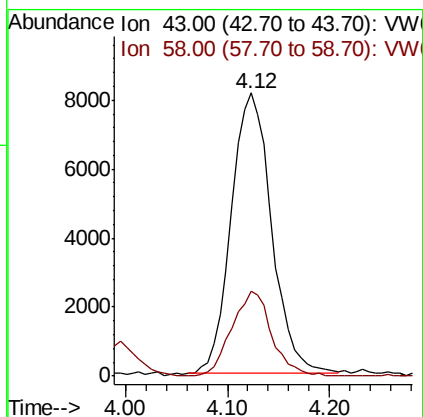
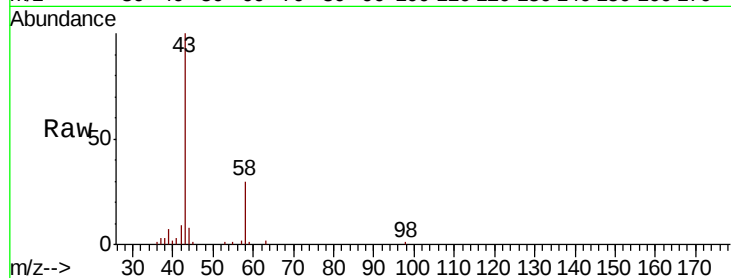




#13
Acetone
Concen: 27.431 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW015451.D
Acq: 22 May 2020 14:42

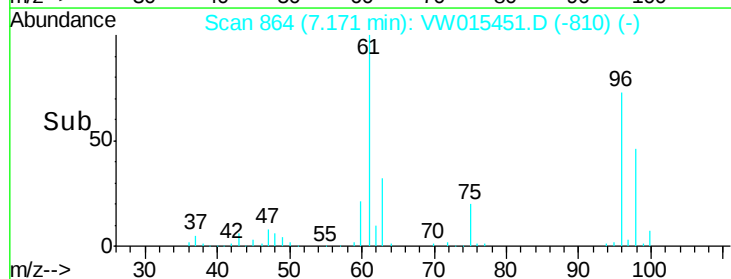
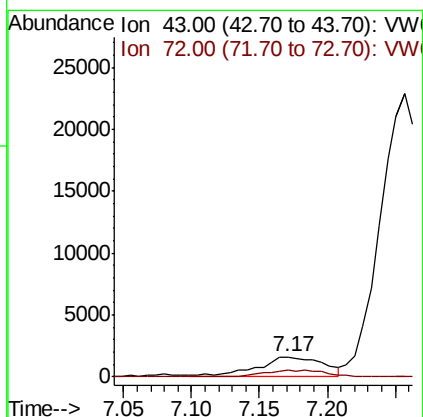
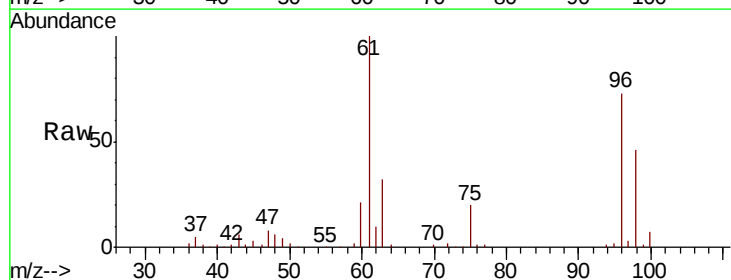
Instrument :
MSVOA_W
ClientSampleId :

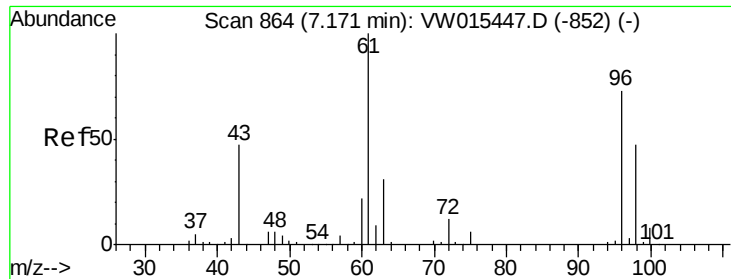
Tot Ion: 43 Resp: 22164
Ion Ratio Lower Upper
43 100
58 30.0 0.0 57.0



#21
2-Butanone
Concen: 4.208 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015451.D
Acq: 22 May 2020 14:42

Tgt Ion: 43 Resp: 5112
Ion Ratio Lower Upper
43 100
72 19.1 13.6 40.8



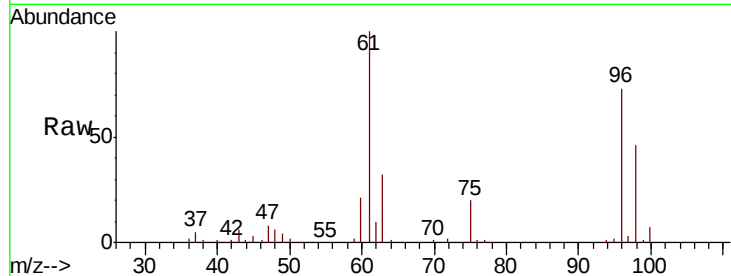


#22

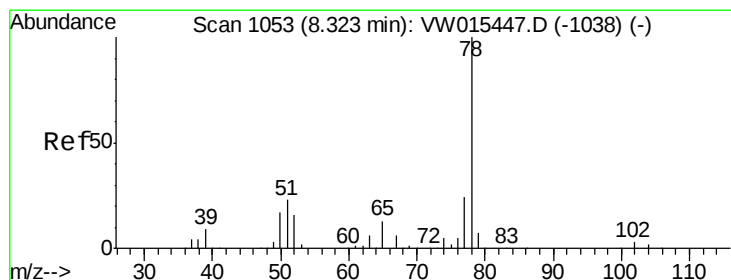
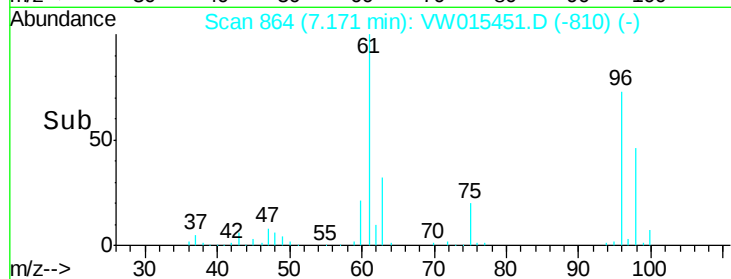
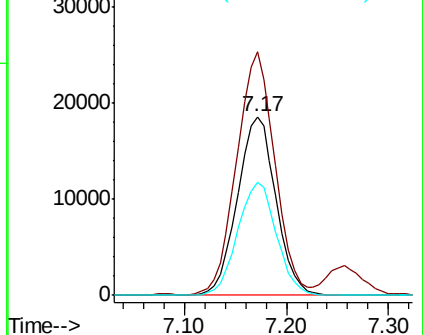
cis-1,2-Dichloroethene
Concen: 10.961 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015451.D
Acq: 22 May 2020 14:42

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 96 Resp: 48758
Ion Ratio Lower Upper
96 100
61 136.4 95.8 178.0
98 63.0 45.9 85.3



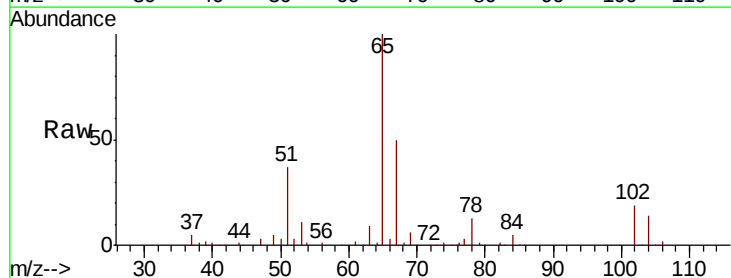
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



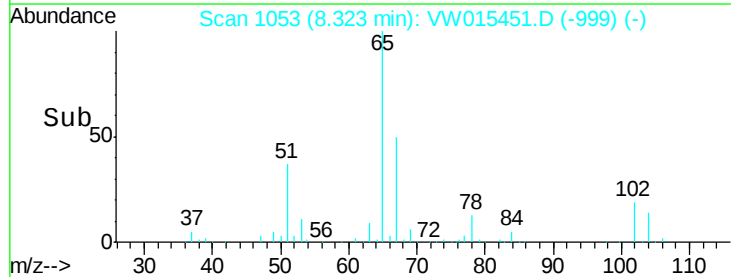
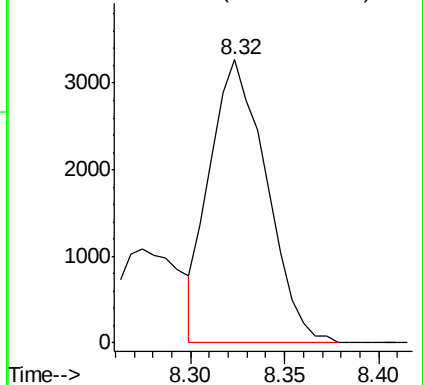
#34

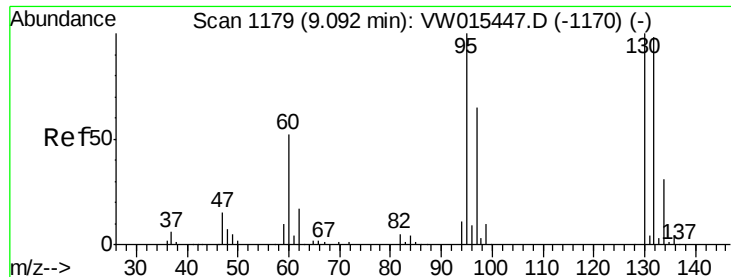
Benzene
Concen: 0.506 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015451.D
Acq: 22 May 2020 14:42

Tgt Ion: 78 Resp: 6795



Abundance Ion 78.00 (77.70 to 78.70): VW

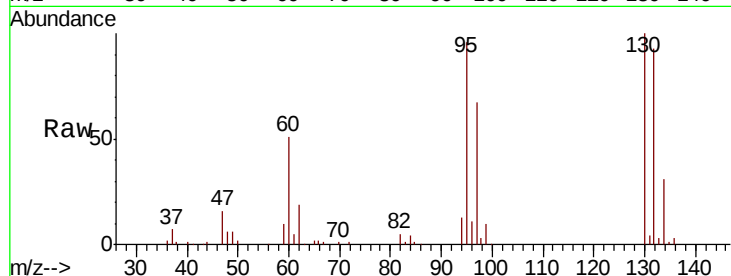




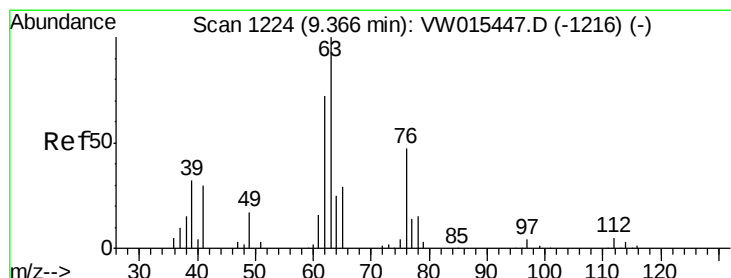
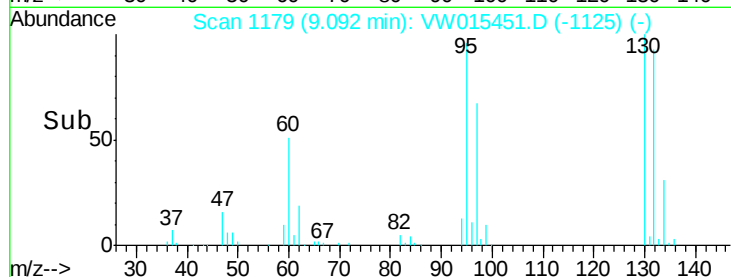
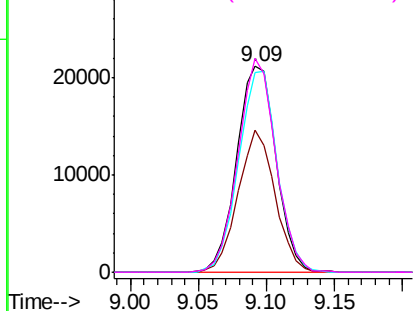
#35
 Trichloroethene
 Concen: 11.924 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW015451.D
 Acq: 22 May 2020 14:42

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	95	Resp:	42875
Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.9	83.5
132	95.8	64.5	119.7
130	99.3	68.5	127.3

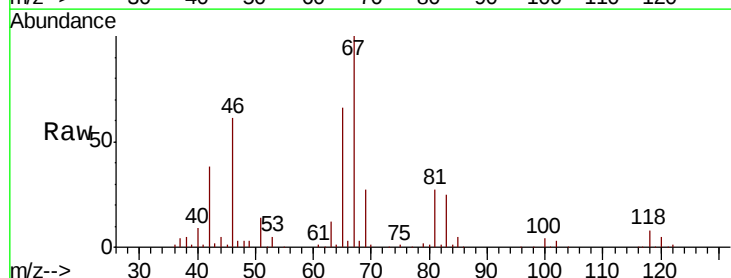


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

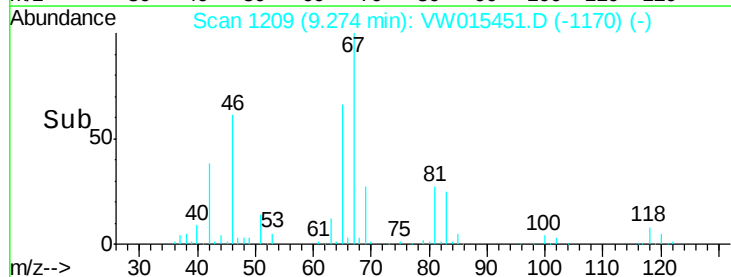
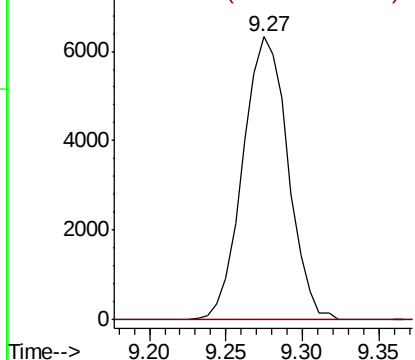


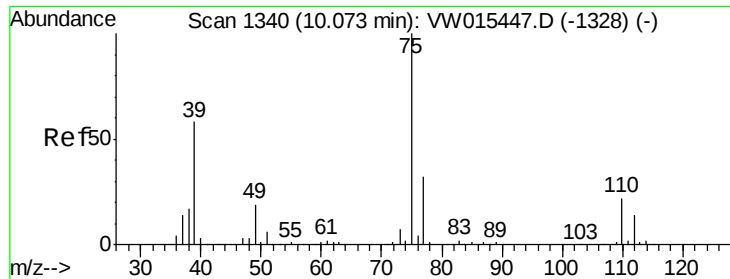
#40
 1,2-Dichloropropane
 Concen: 3.873 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW015451.D
 Acq: 22 May 2020 14:42

Tgt Ion:	63	Resp:	12987
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



Abundance Ion 63.00 (62.70 to 63.70): VW
 Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.627 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015451.D

Acq: 22 May 2020 14:42

Instrument :

MSVOA_W

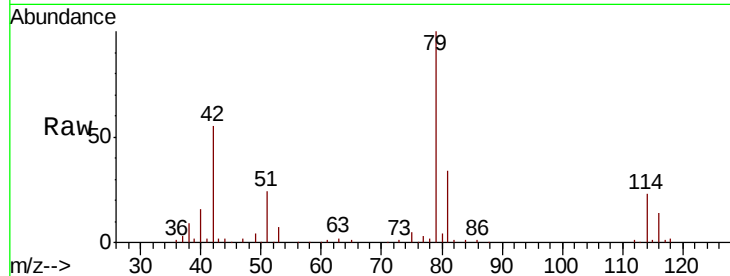
ClientSampleId :

Tot Ion: 75 Resp: 3395

Ion Ratio Lower Upper

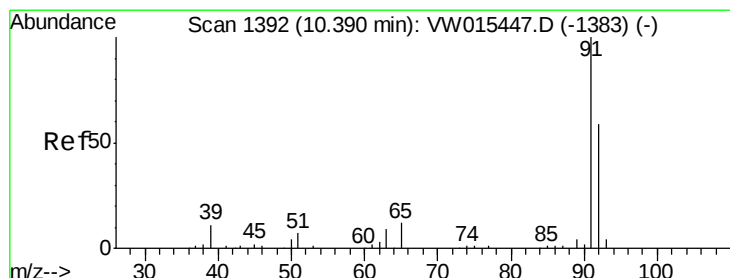
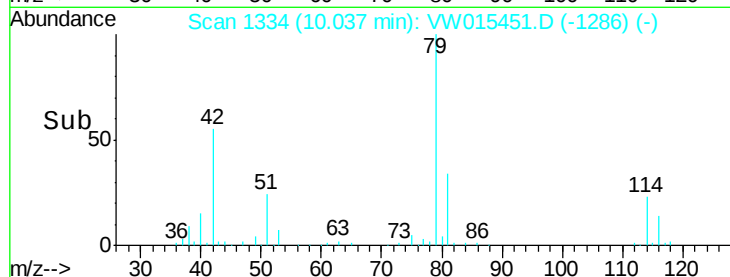
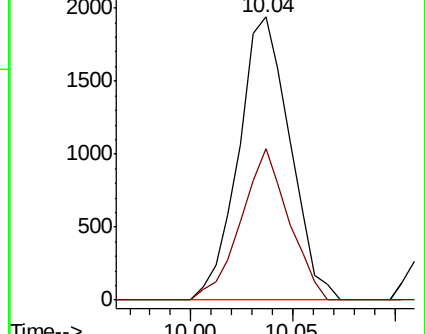
75 100

77 53.5 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#44

Toluene

Concen: 2.140 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015451.D

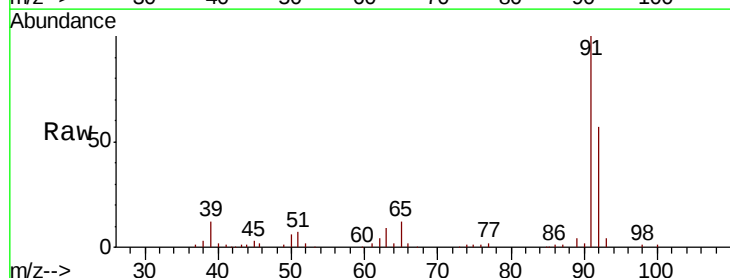
Acq: 22 May 2020 14:42

Tgt Ion: 91 Resp: 31382

Ion Ratio Lower Upper

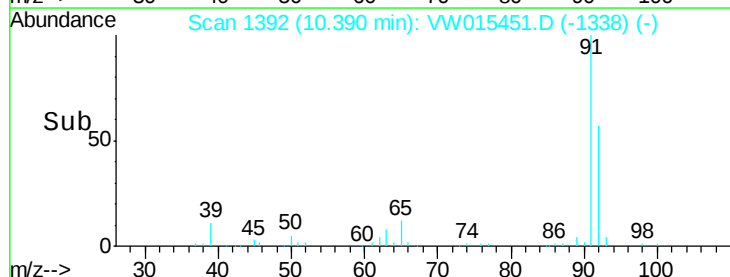
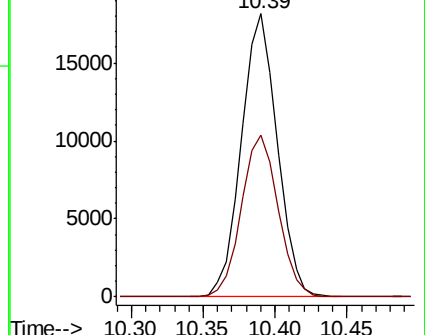
91 100

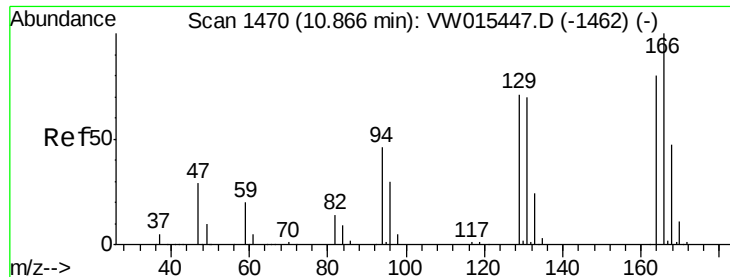
92 57.0 39.8 74.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#47

Tetrachloroethene

Concen: 736.347 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW015451.D

Acq: 22 May 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 1986227

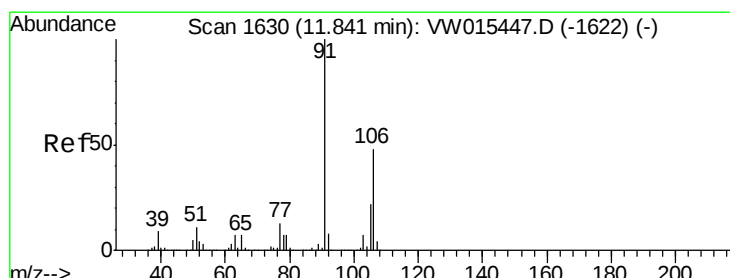
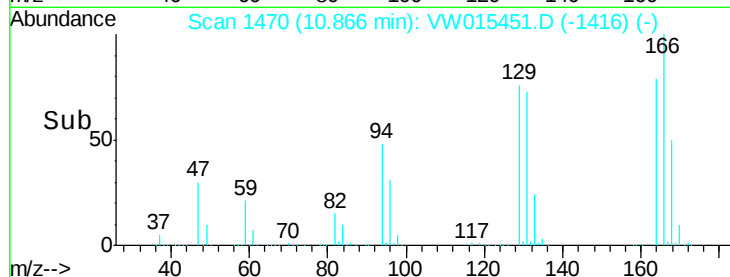
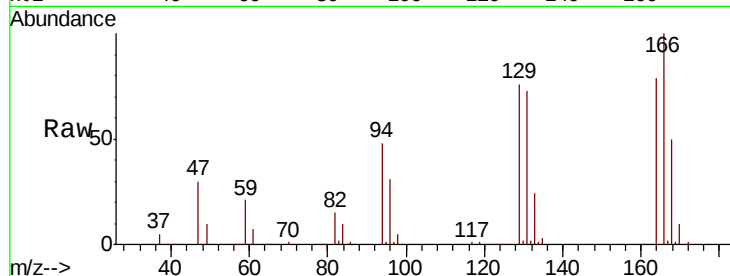
Ion	Ratio	Lower	Upper
164	100		
129	96.4	65.8	122.2
131	92.2	63.7	118.3
166	126.7	88.8	165.0

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#54

m,p-Xylene

Concen: 0.687 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW015451.D

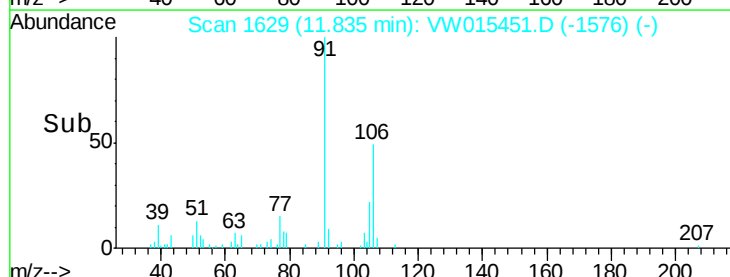
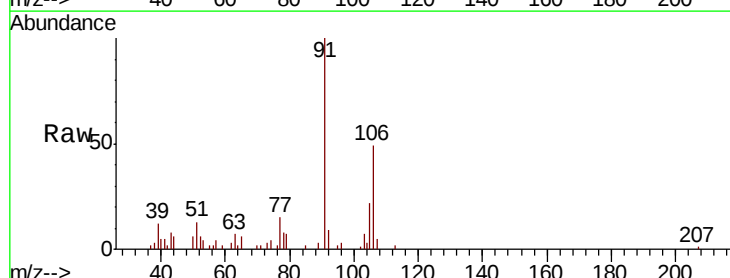
Acq: 22 May 2020 14:42

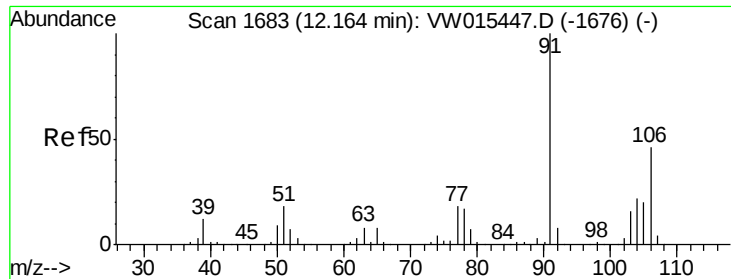
Tgt Ion:106 Resp: 4390

Ion	Ratio	Lower	Upper
106	100		
91	202.7	145.0	269.4

Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#55
 o-xylene
 Concen: 0.312 ug/L
 RT: 12.17 min Scan# 1684
 Delta R.T. 0.01 min
 Lab File: VW015451.D
 Acq: 22 May 2020 14:42

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:106 Resp: 1919
 Ion Ratio Lower Upper
 106 100
 91 225.8 152.3 282.9

