

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101720\
 Data File : VW016926.D
 Acq On : 16 Oct 2020 14:30
 Operator : SY/VA
 Sample : L4382-14
 Misc : 5.51G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y2

Manual Integrations
 APPROVED

MMDadoda
 10/19/2020 11:52:48 AM

Quant Time: Oct 17 01:31:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 17 00:37:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	625345	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	518724	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	218247	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	128472	20.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.32%
7) Chloroethane-d5	2.89	69	112183	21.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.72%
10) 1,1-Dichloroethene-d2	4.02	63	202357	15.45	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.80%
20) 2-Butanone-d5	7.08	46	59080	42.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.56%
24) Chloroform-d	7.65	84	306470	23.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.92%
26) 1,2-Dichloroethane-d4	8.31	65	149238	23.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.68%
29) Benzene-d6	8.27	84	624028	26.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.96%
33) 1,2-Dichloropropane-d6	9.27	67	174092	27.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.00%
37) Toluene-d8	10.32	98	577983	26.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.00%
38) trans-1,3-Dichloropropene-	10.58	79	66604	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.40%
39) 2-Hexanone-d5	10.93	63	46943	47.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119186	23.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	169846	24.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.16%

Target Compounds

					Ovalue
13) Acetone	4.12	43	14940	14.129 ug/L	98
16) Methylene chloride	4.91	84	17241	1.998 ug/L	93
21) 2-Butanone	7.18	43	5215m	2.938 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	4433	0.514 ug/L	90
34) Benzene	8.32	78	16393	0.588 ug/L	100
35) Trichloroethene	9.09	95	383715	48.698 ug/L	99
47) Tetrachloroethene	10.87	164	8775673	1201.311 ug/L	96

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

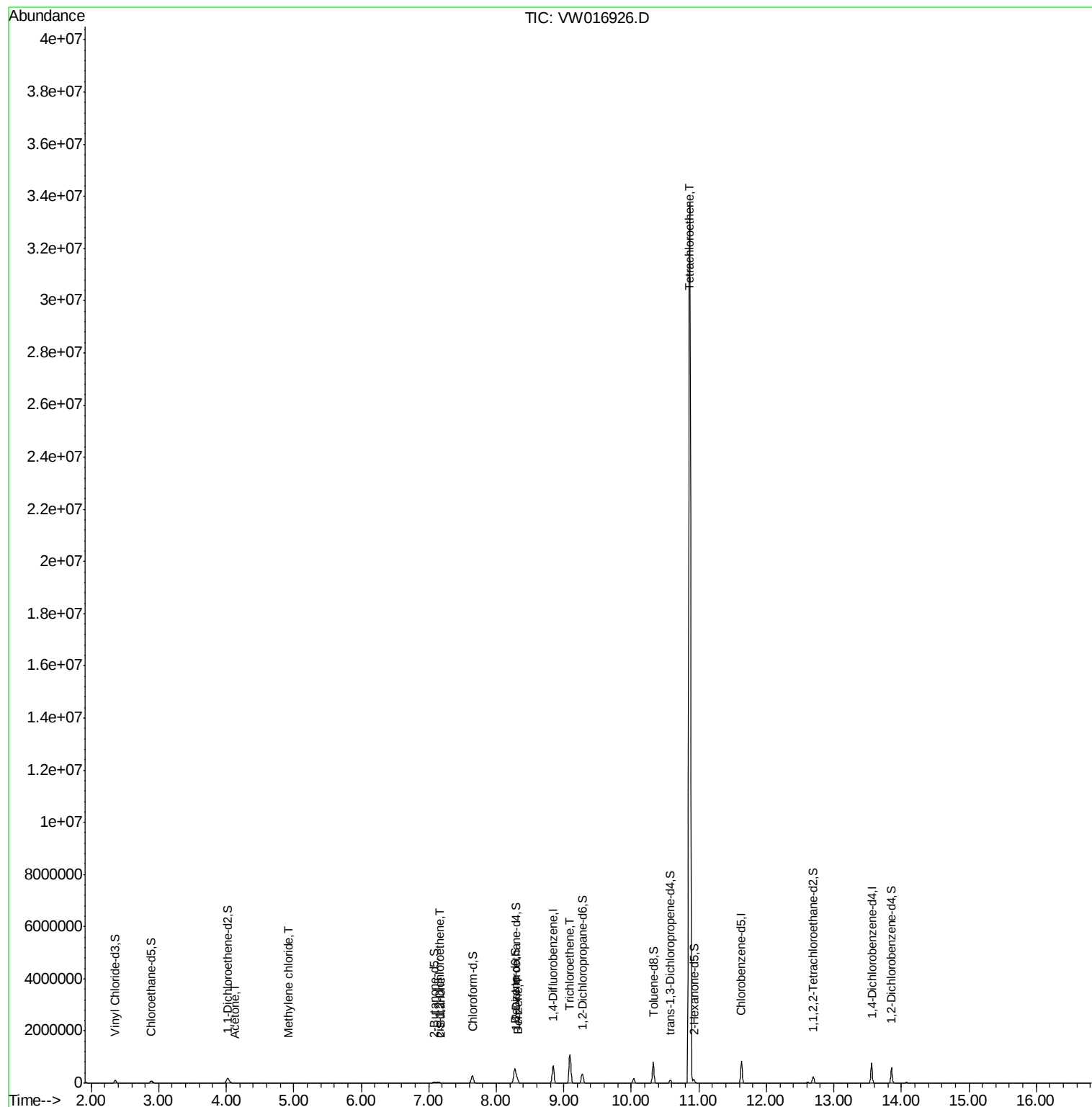
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101720\
Data File : VW016926.D
Acq On : 16 Oct 2020 14:30
Operator : SY/VA
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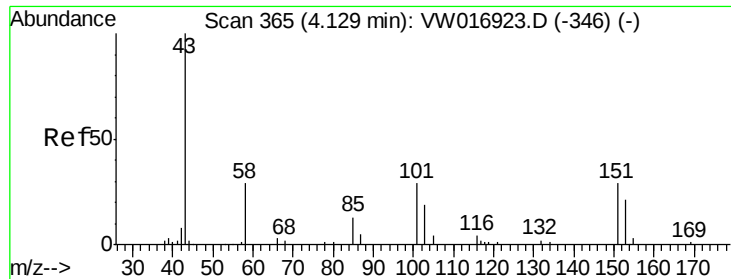
Instrument :
MSVOA_W
ClientSampleId :
BG3Y2

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
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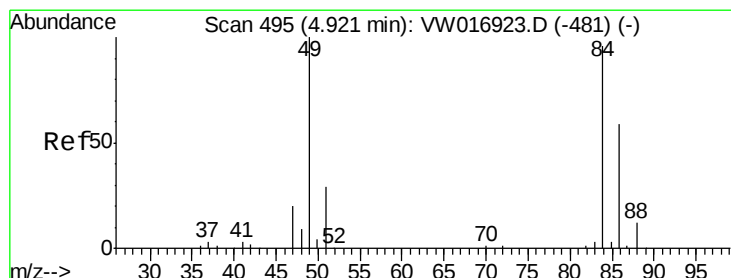
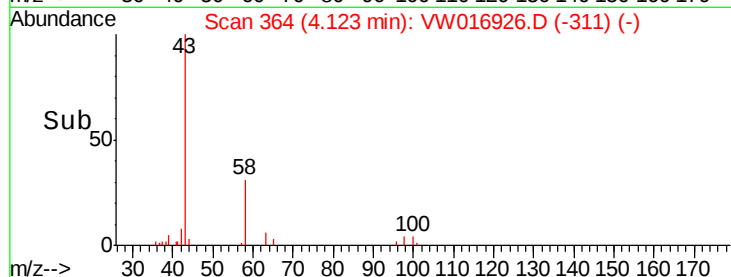
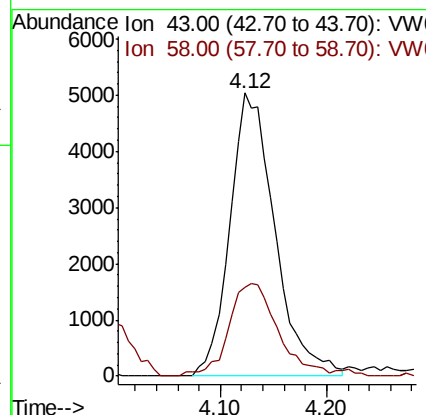
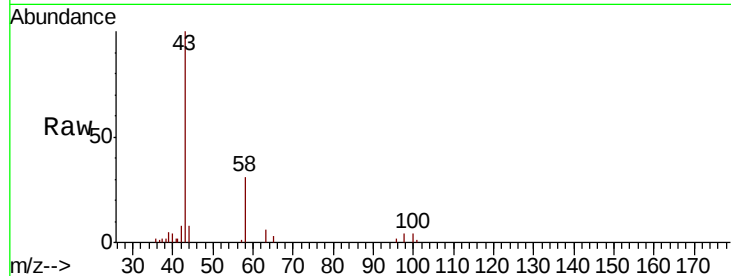
#13
Acetone
Concen: 14.129 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW016926.D
Acq: 16 Oct 2020 14:30

Instrument :
MSVOA_W
ClientSampled :
BG3Y2

Tot Ion	Ratio	Lower	Upper
43	100		
58	34.9	0.0	67.6

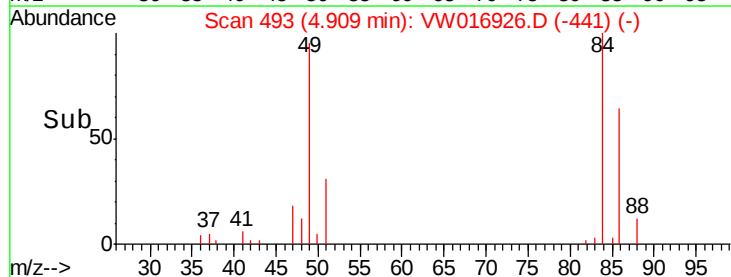
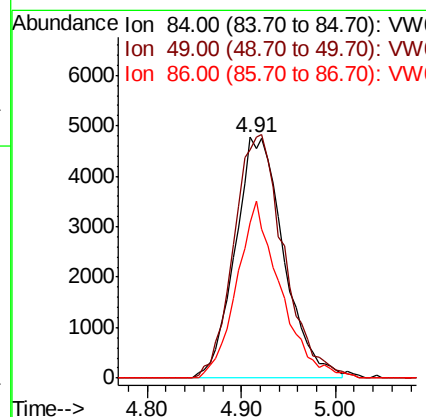
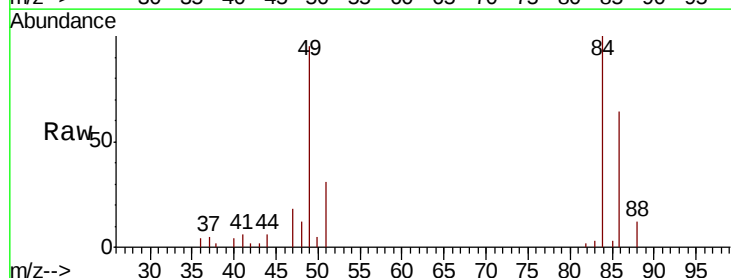
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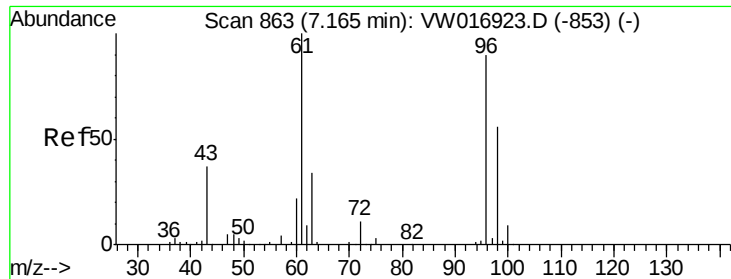
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#16
Methylene chloride
Concen: 1.998 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016926.D
Acq: 16 Oct 2020 14:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	94.6	73.1	135.8
86	64.3	46.0	85.4





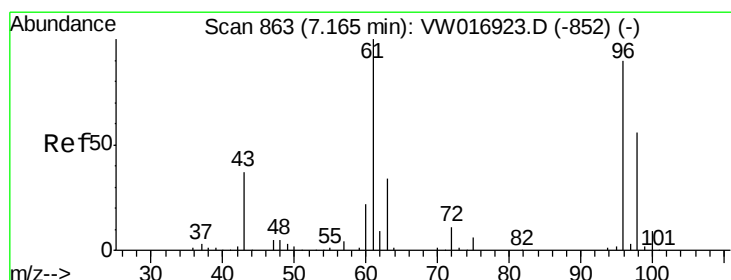
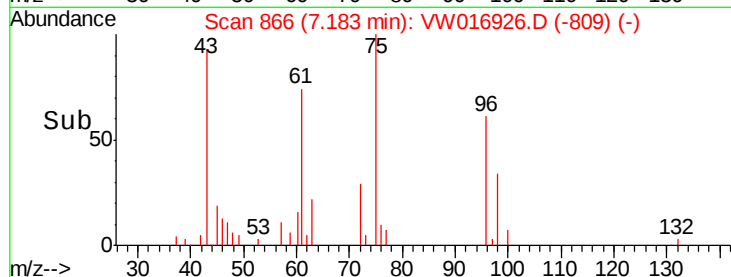
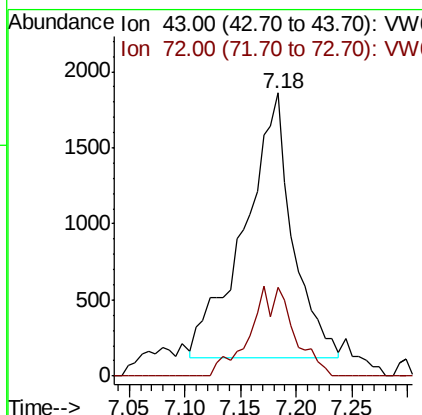
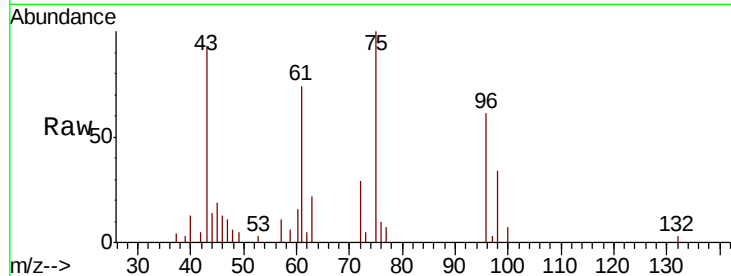
#21
2-Butanone
Concen: 2.938 ug/L m
RT: 7.18 min Scan# 866
Delta R.T. 0.02 min
Lab File: VW016926.D
Acq: 16 Oct 2020 14:30

Instrument :
MSVOA_W
ClientSampleId :
BG3Y2

Tot Ion: 43 Resp: 5215
Ion Ratio Lower Upper
43 100
72 7.9 16.2 48.5#

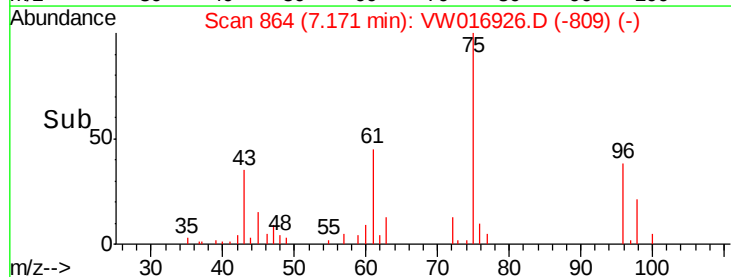
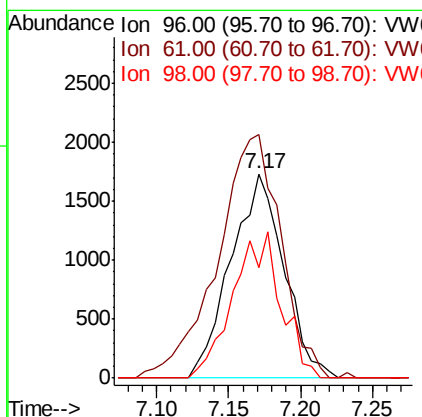
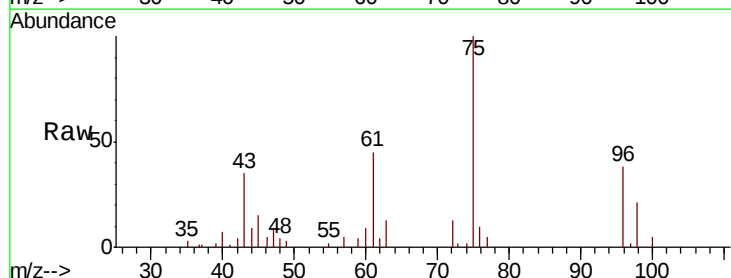
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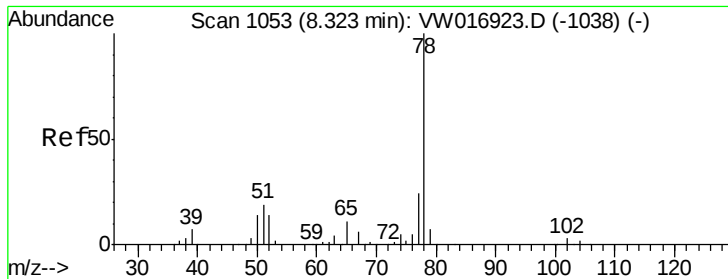
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#22
cis-1,2-Dichloroethene
Concen: 0.514 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW016926.D
Acq: 16 Oct 2020 14:30

Tgt Ion: 96 Resp: 4433
Ion Ratio Lower Upper
96 100
61 119.4 76.0 141.2
98 54.4 42.7 79.3





#34

Benzene

Concen: 0.588 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW016926.D

Acq: 16 Oct 2020 14:30

Instrument :

MSVOA_W

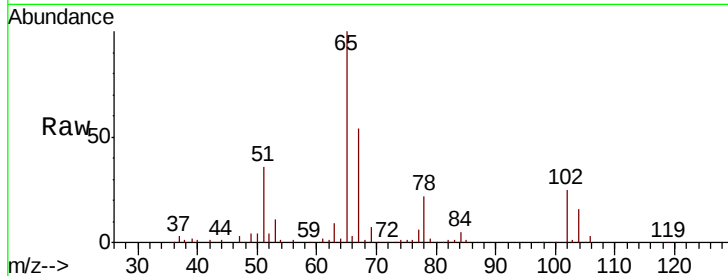
ClientSampleId :

BG3Y2

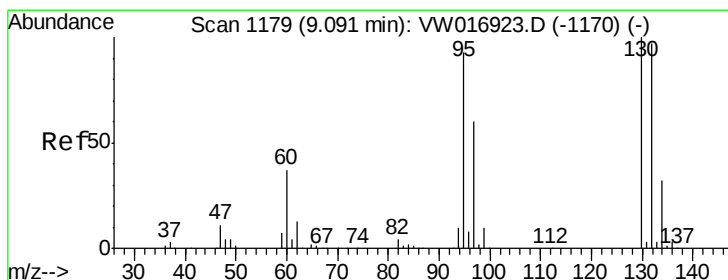
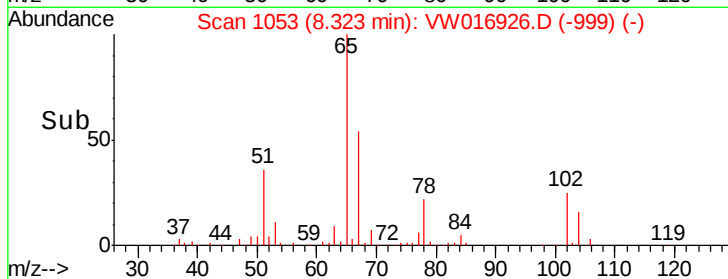
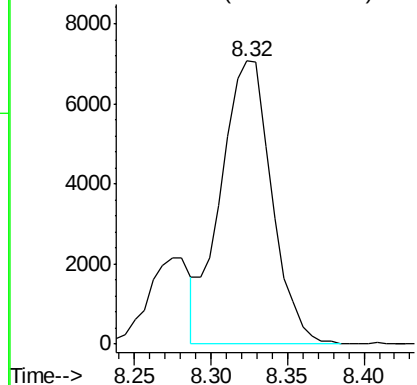
Tgt Ion: 78 Resp: 16393

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Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 48.698 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW016926.D

Acq: 16 Oct 2020 14:30

Tgt Ion: 95 Resp: 383715

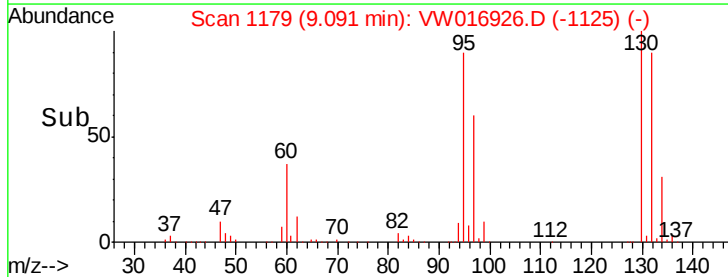
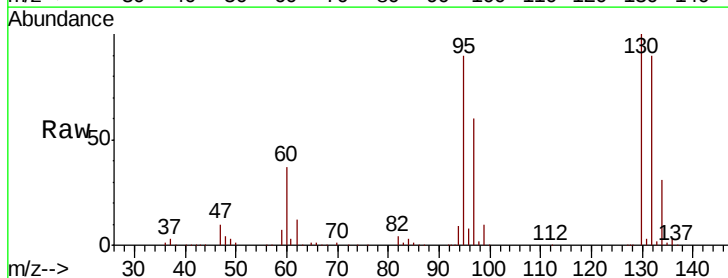
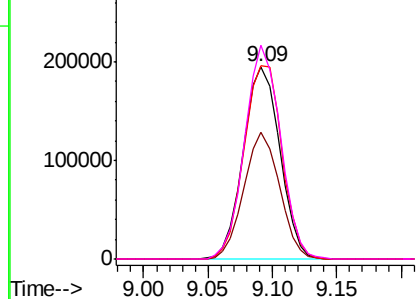
Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.7	83.1
132	104.2	73.8	137.2
130	108.6	77.1	143.3

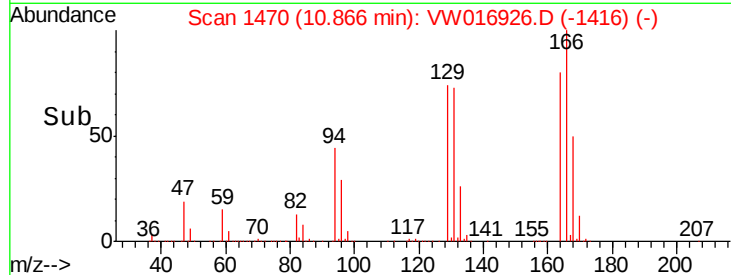
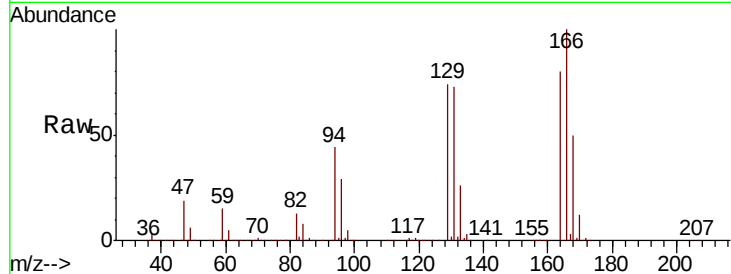
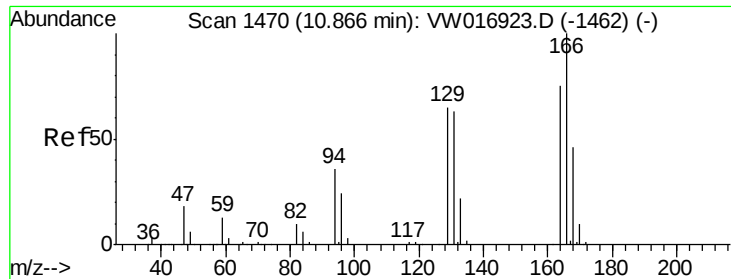
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#47
Tetrachloroethene
Concen: 1201.311 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016926.D
Acq: 16 Oct 2020 14:30

Instrument :
MSVOA_W
ClientSampleId :
BG3Y2

Tot Ion:164 Resp: 8775673

Ion	Ratio	Lower	Upper
164	100		
129	92.8	61.7	114.7
131	91.6	59.7	110.9
166	125.0	88.3	164.1

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