

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102620\
 Data File : VW016996.D
 Acq On : 26 Oct 2020 14:11
 Operator : SY/VA
 Sample : L4502-13
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG440

Manual Integrations
 APPROVED

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 10/27/2020 3:35:11 PM

Quant Time: Oct 27 08:52:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 08:16:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	507504	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	462464	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200557	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	144336	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.56%
7) Chloroethane-d5	2.89	69	113394	24.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.96%
10) 1,1-Dichloroethene-d2	4.02	63	210798	18.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.00%
20) 2-Butanone-d5	7.08	46	64514	58.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.94%
24) Chloroform-d	7.65	84	296743	25.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	8.31	65	148571	26.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.88%
29) Benzene-d6	8.27	84	620931	26.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.56%
33) 1,2-Dichloropropane-d6	9.28	67	172739	26.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.76%
37) Toluene-d8	10.32	98	590636	26.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.64%
38) trans-1,3-Dichloropropene-	10.58	79	71231	26.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.68%
39) 2-Hexanone-d5	10.93	63	55981	62.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	137572	28.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	203488	28.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.48%

Target Compounds

					Ovalue	
13) Acetone	4.13	43	1956m	2.635	ug/L	
14) Carbon disulfide	4.40	76	8965	0.445	ug/L	96
16) Methylene chloride	4.92	84	9167m	1.366	ug/L	
22) cis-1,2-Dichloroethene	7.18	96	1506	0.214	ug/L	85
34) Benzene	8.33	78	13763	0.539	ug/L	100
35) Trichloroethene	9.10	95	73939	10.450	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	2103	0.778	ug/L #	93
47) Tetrachloroethene	10.87	164	525814	80.787	ug/L	93

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

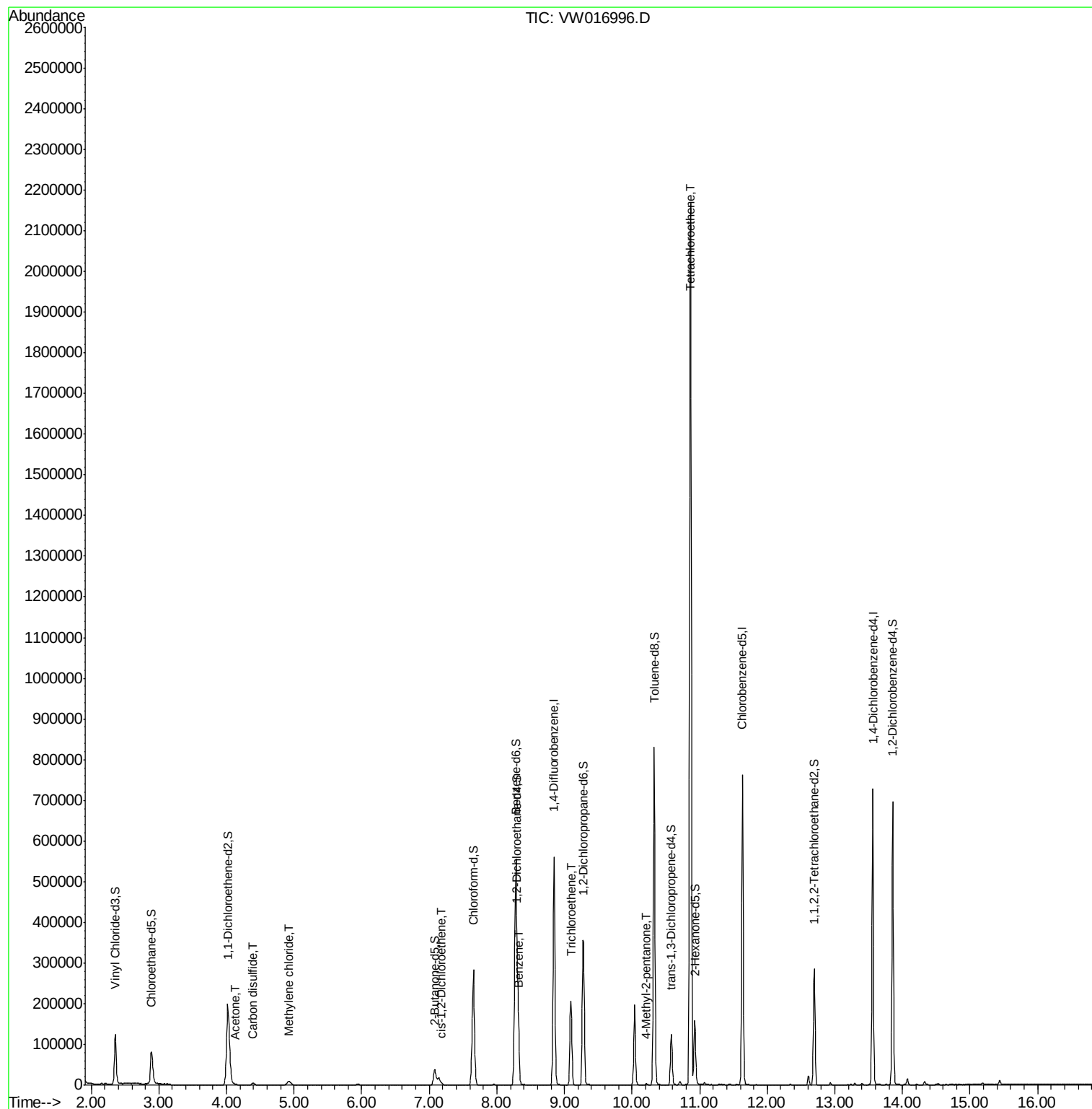
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102620\
Data File : VW016996.D
Acq On : 26 Oct 2020 14:11
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ALS Vial : 11 Sample Multiplier: 1

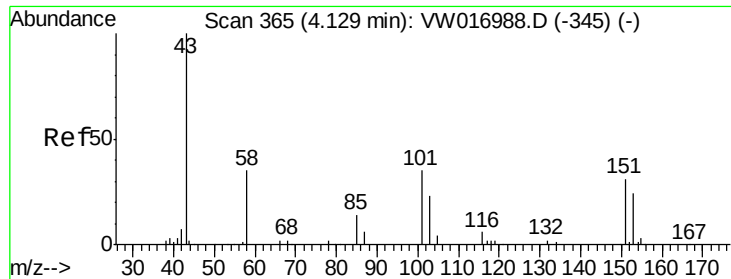
Instrument :
MSVOA_W
ClientSampleId :
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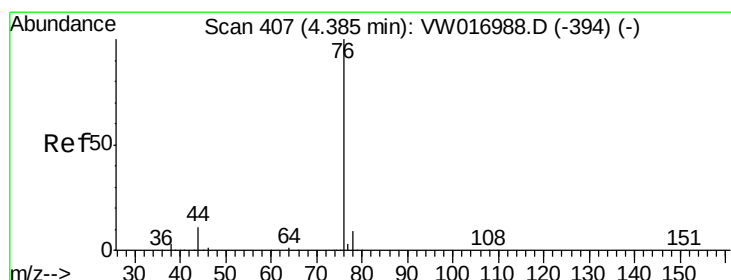
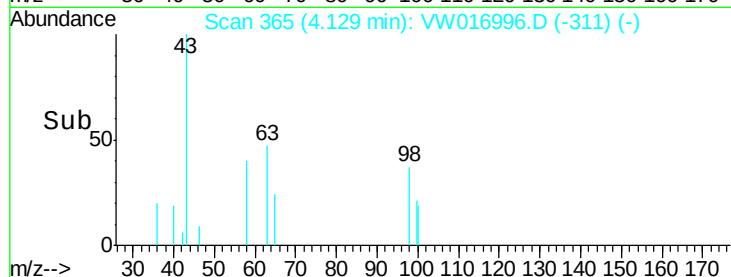
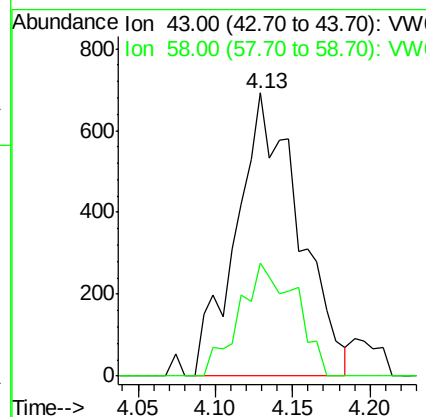
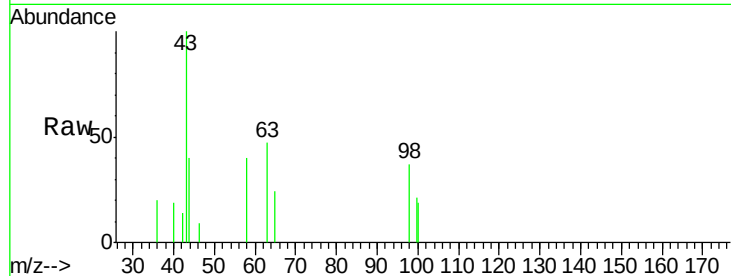
#13
Acetone
Concen: 2.635 ug/L m
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW016996.D
Acq: 26 Oct 2020 14:11

Instrument :
MSVOA_W
ClientSampled :
BG440

Tot Ion: 43 Resp: 1956
Ion Ratio Lower Upper
43 100
58 22.0 0.0 69.8

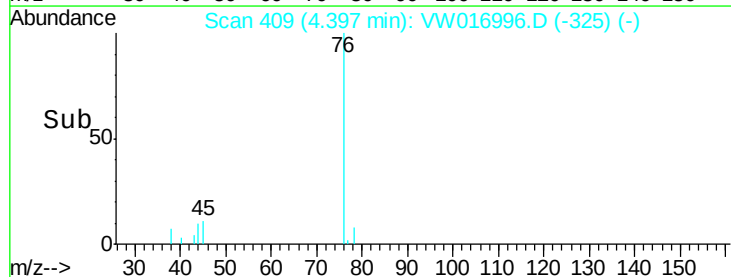
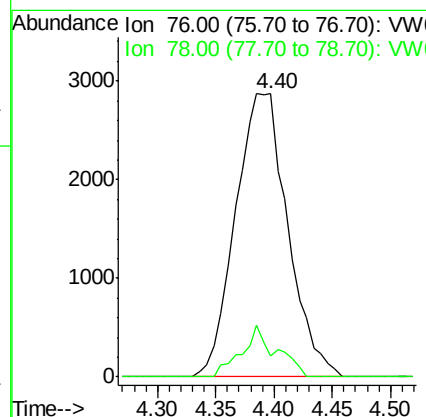
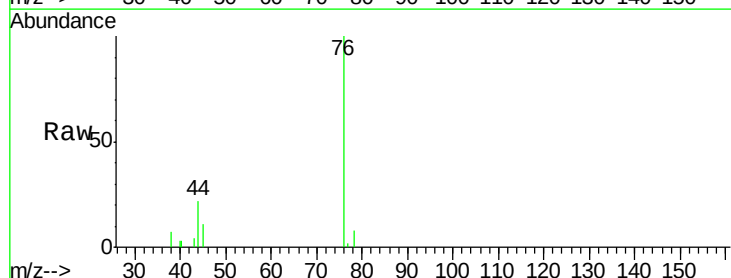
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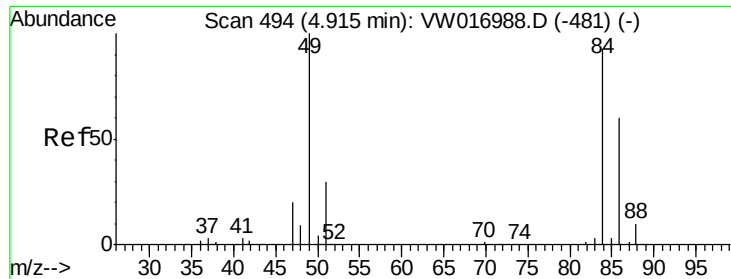
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#14
Carbon disulfide
Concen: 0.445 ug/L
RT: 4.40 min Scan# 409
Delta R.T. 0.01 min
Lab File: VW016996.D
Acq: 26 Oct 2020 14:11

Tgt Ion: 76 Resp: 8965
Ion Ratio Lower Upper
76 100
78 7.6 7.3 10.9





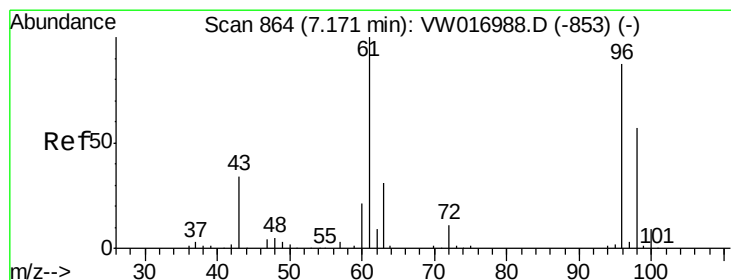
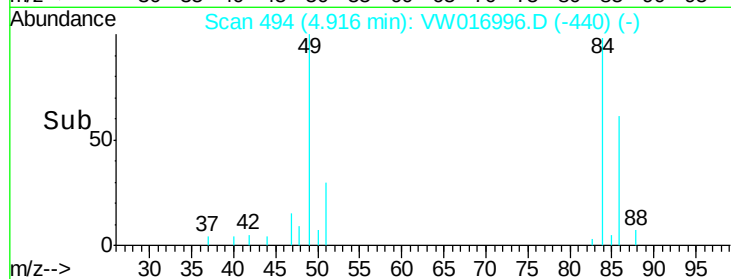
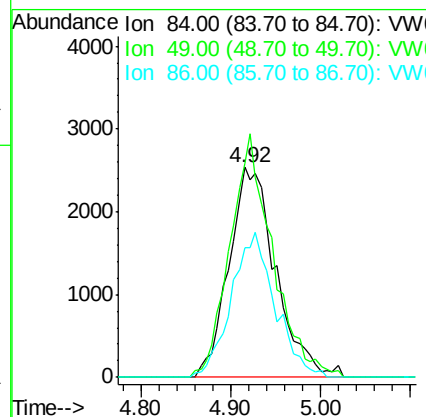
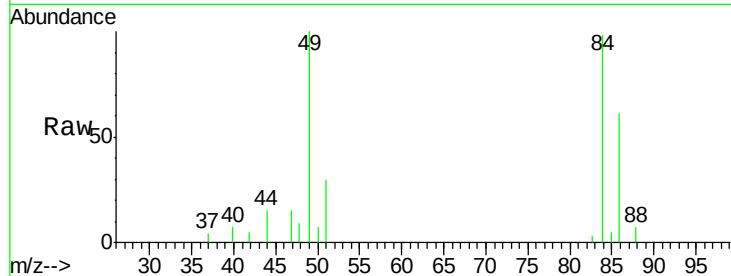
#16
Methylene chloride
Concen: 1.366 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016996.D
Acq: 26 Oct 2020 14:11

Instrument :
MSVOA_W
ClientSampled :
BG440

Tot Ion: 84 Resp: 9167
Ion Ratio Lower Upper
84 100
49 102.1 73.8 137.0
86 62.0 47.4 88.0

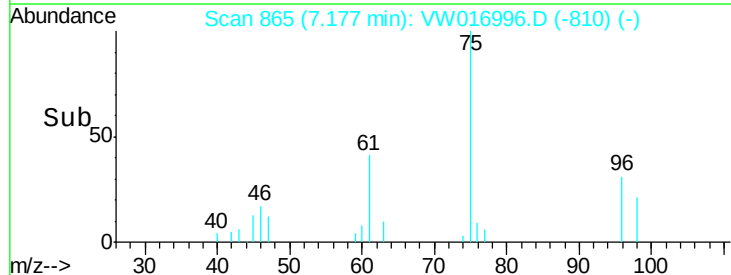
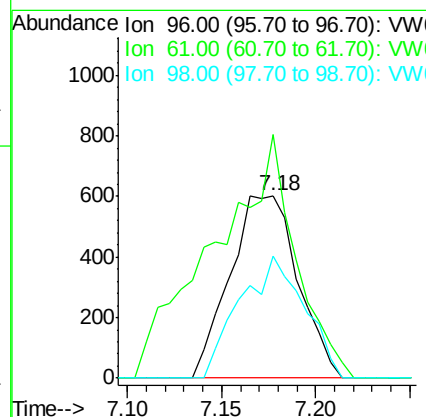
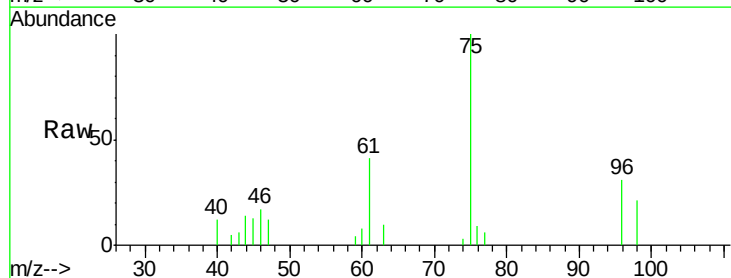
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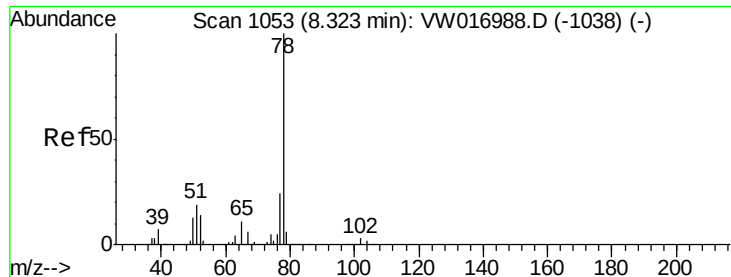
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#22
cis-1,2-Dichloroethene
Concen: 0.214 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW016996.D
Acq: 26 Oct 2020 14:11

Tgt Ion: 96 Resp: 1506
Ion Ratio Lower Upper
96 100
61 133.3 77.4 143.8
98 67.2 44.4 82.5





#34

Benzene

Concen: 0.539 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW016996.D

Acq: 26 Oct 2020 14:11

Instrument :

MSVOA_W

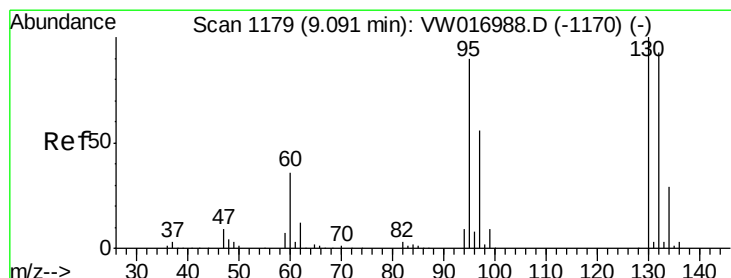
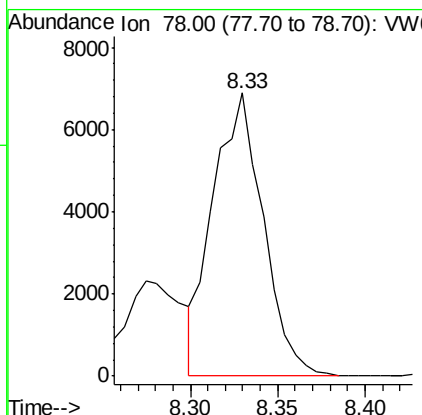
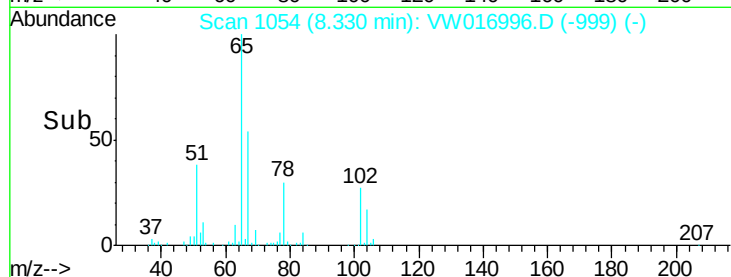
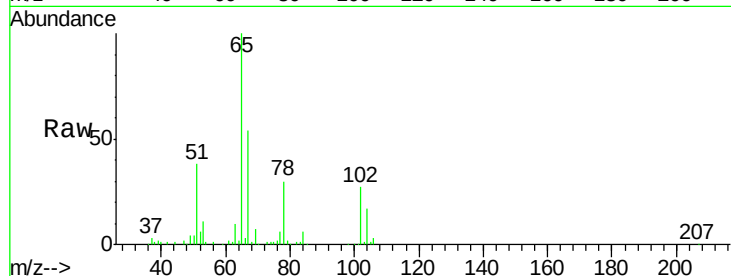
ClientSampleId :

BG440

Tgt Ion: 78 Resp: 13763

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#35

Trichloroethene

Concen: 10.450 ug/L

RT: 9.10 min Scan# 1180

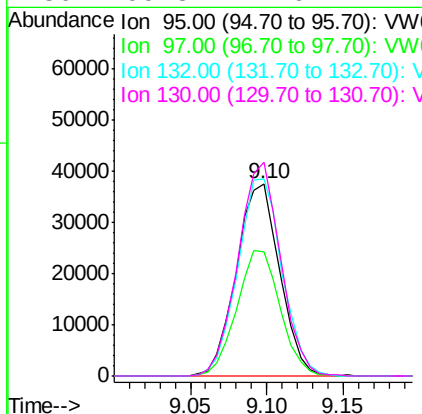
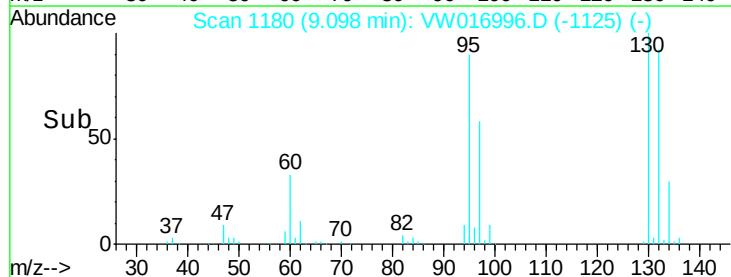
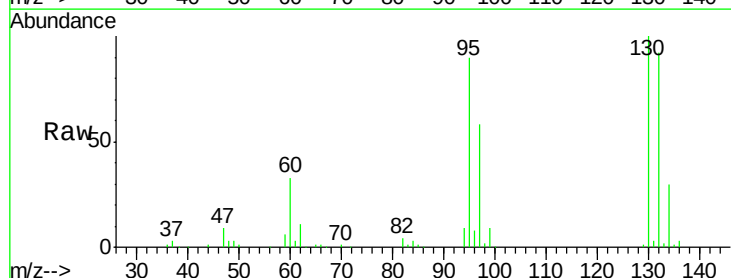
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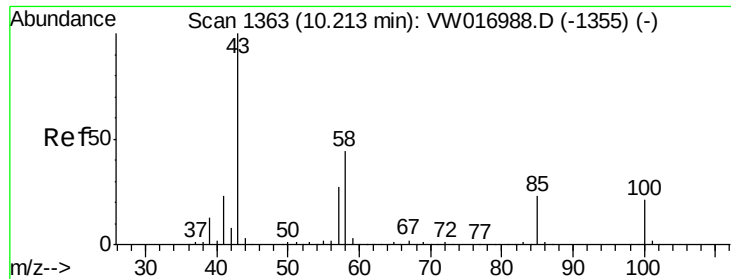
Lab File: VW016996.D

Acq: 26 Oct 2020 14:11

Tgt Ion: 95 Resp: 73939

Ion	Ratio	Lower	Upper
95	100		
97	65.4	46.0	85.4
132	105.4	73.9	137.3
130	109.8	77.6	144.2





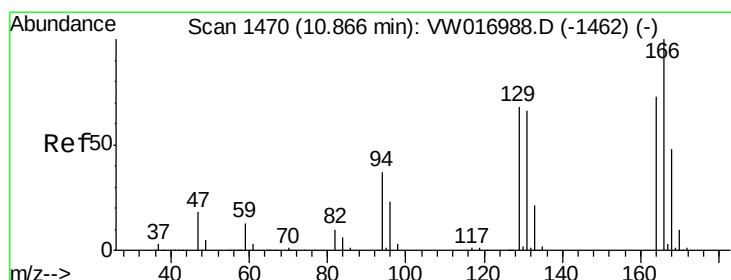
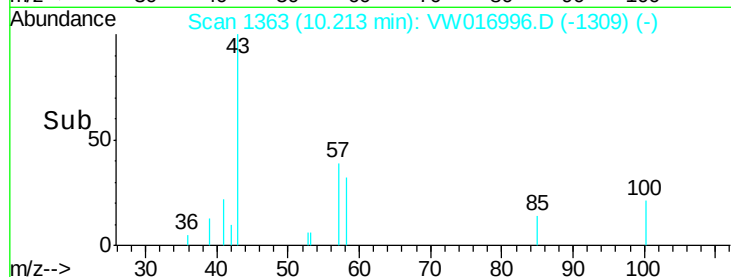
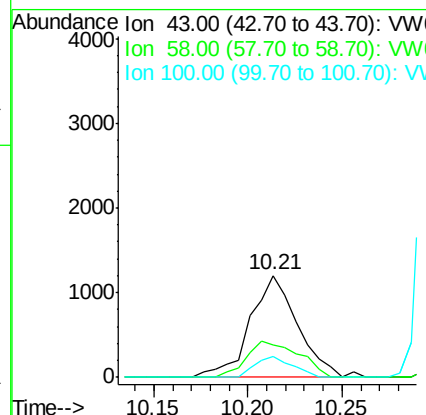
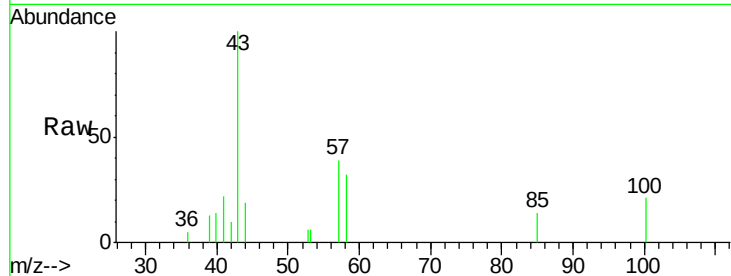
#43
4-Methyl-2-pentanone
Concen: 0.778 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW016996.D
Acq: 26 Oct 2020 14:11

Instrument :
MSVOA_W
ClientSampled :
BG440

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.4	34.4	51.6
100	16.1	16.2	24.2

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#47
Tetrachloroethene
Concen: 80.787 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016996.D
Acq: 26 Oct 2020 14:11

Tgt Ion	Ratio	Lower	Upper
164	100		
129	88.1	64.0	119.0
131	83.4	61.7	114.5
166	123.5	94.6	175.8

