

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016821.D
 Acq On : 07 Oct 2020 02:38
 Operator : SY/VA
 Sample : L4254-16
 Misc : 6.24G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3T9

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 5:38:57 PM

Quant Time: Oct 07 05:51:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 03:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	647880	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	657379	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	309108	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	160923	25.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.72%
7) Chloroethane-d5	2.89	69	137776	25.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.80%
10) 1,1-Dichloroethene-d2	4.02	63	222964	16.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.72%
20) 2-Butanone-d5	7.08	46	55664	38.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.90%
24) Chloroform-d	7.65	84	307595	22.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	8.31	65	149828	22.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.76%
29) Benzene-d6	8.27	84	646763	21.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.64%
33) 1,2-Dichloropropane-d6	9.27	67	176158	21.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.80%
37) Toluene-d8	10.32	98	661257	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.88%
38) trans-1,3-Dichloropropene-	10.58	79	71207	20.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.48%
39) 2-Hexanone-d5	10.93	63	54339	43.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138313	21.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	237378	24.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.84%

Target Compounds

					Ovalue
13) Acetone	4.12	43	8273	7.552 ug/L	97
14) Carbon disulfide	4.39	76	26238	1.092 ug/L	96
16) Methylene chloride	4.93	84	14247m	1.593 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	3405	0.381 ug/L	90
34) Benzene	8.32	78	18205	0.516 ug/L	100
35) Trichloroethene	9.09	95	148322	14.854 ug/L	99
47) Tetrachloroethene	10.86	164	1017277	109.884 ug/L	99

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

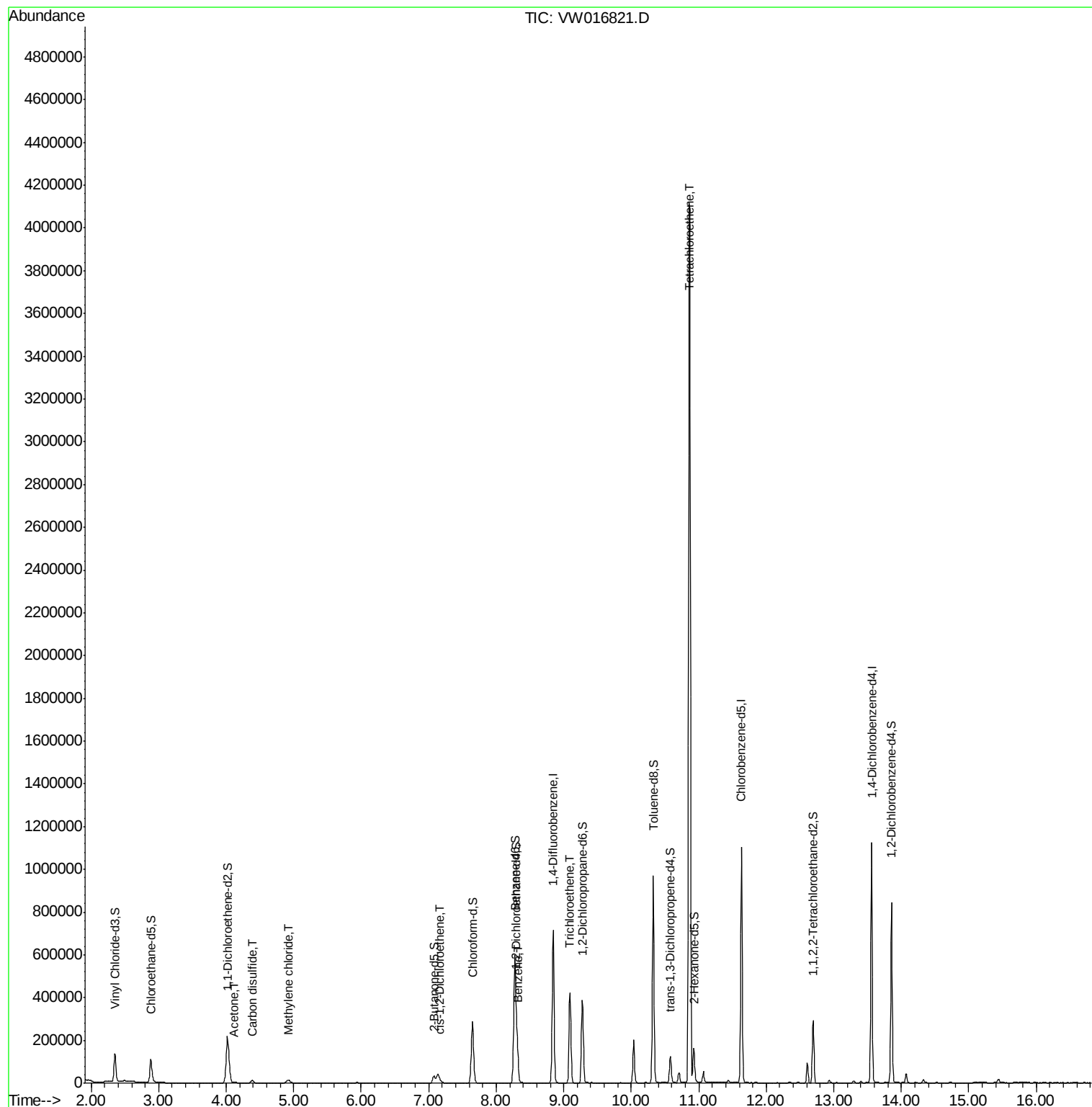
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100720\
Data File : VW016821.D
Acq On : 07 Oct 2020 02:38
Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

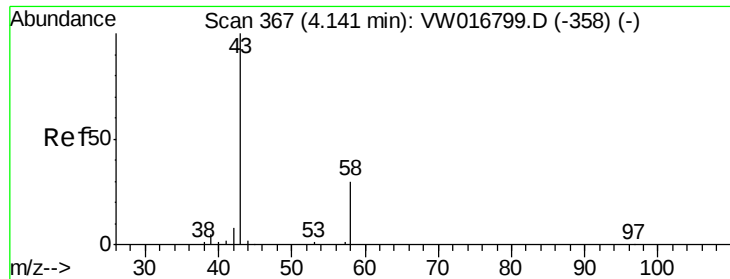
Instrument :
MSVOA_W
ClientSampleId :
BG3T9

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Quant Time: Oct 07 05:51:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 07 03:05:19 2020
Response via : Initial Calibration





#13

Acetone

Concen: 7.552 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016821.D

Acq: 07 Oct 2020 02:38

Instrument :

MSVOA_W

ClientSampled :

BG3T9

Tot Ion: 43 Resp: 8273

Ion Ratio Lower Upper

43 100

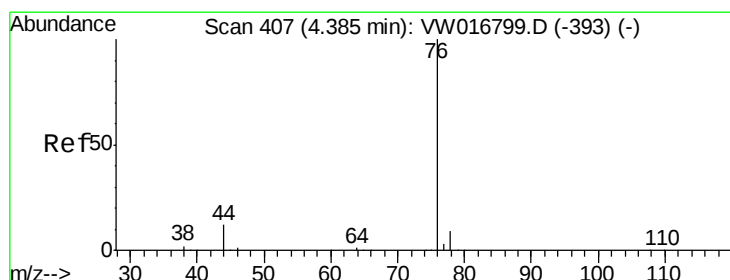
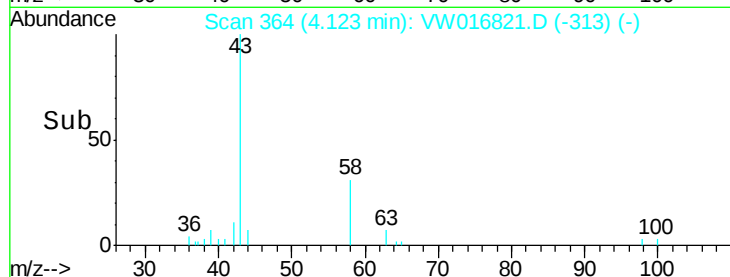
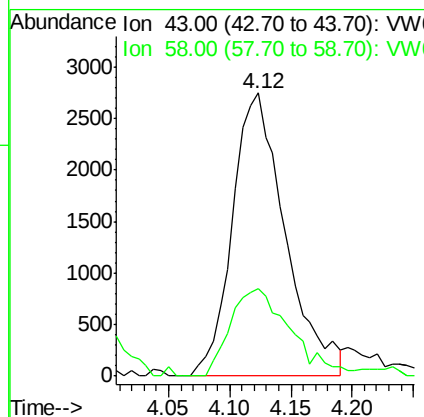
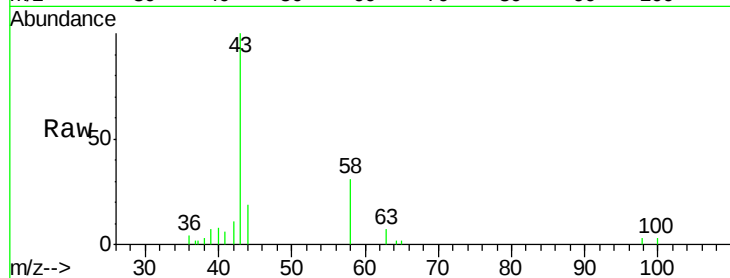
58 32.2 0.0 67.6

Manual Integrations

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#14

Carbon disulfide

Concen: 1.092 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW016821.D

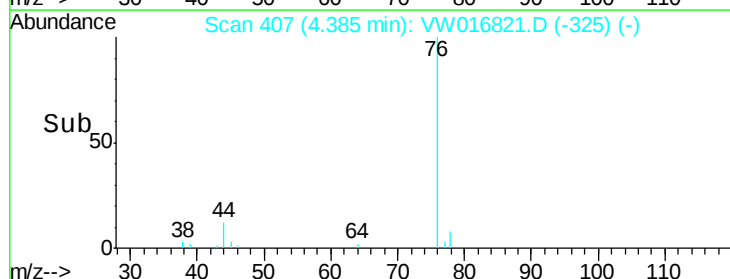
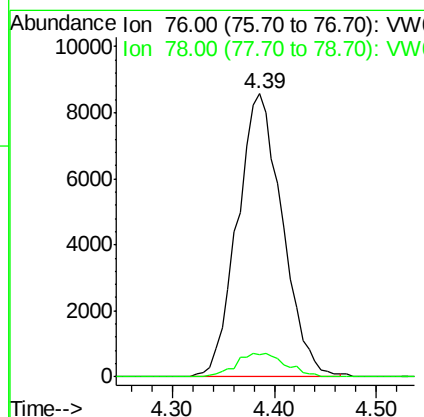
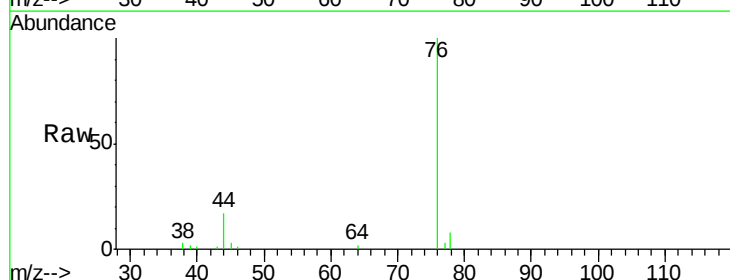
Acq: 07 Oct 2020 02:38

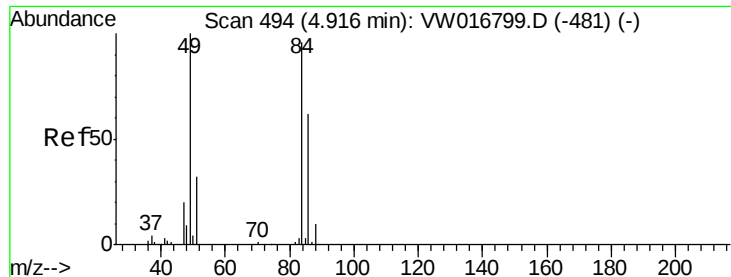
Tgt Ion: 76 Resp: 26238

Ion Ratio Lower Upper

76 100

78 7.8 7.4 11.0





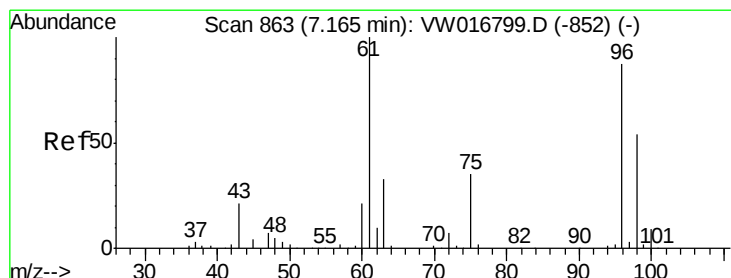
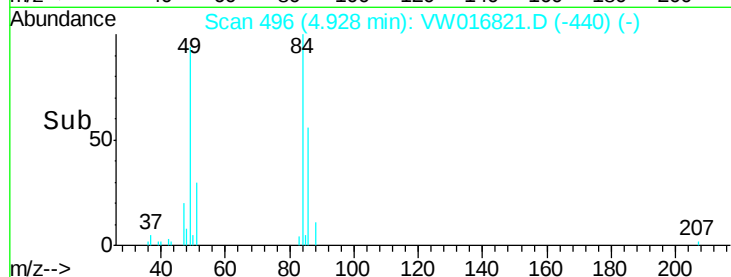
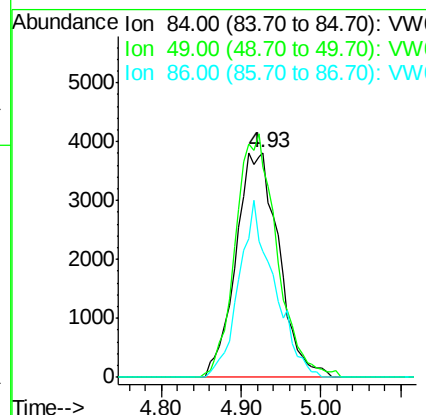
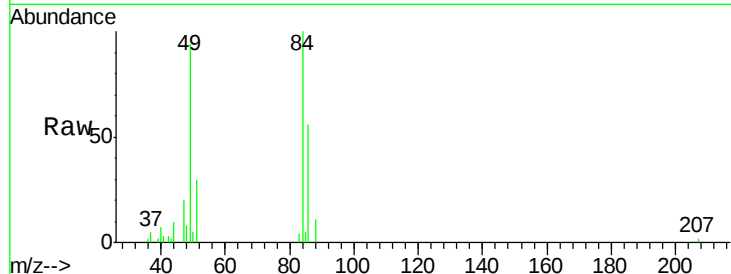
#16
Methylene chloride
Concen: 1.593 ug/L m
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW016821.D
Acq: 07 Oct 2020 02:38

Instrument :
MSVOA_W
ClientSampled :
BG3T9

Tot Ion	Ratio	Lower	Upper
84	100		
49	93.6	73.1	135.8
86	55.8	46.0	85.4

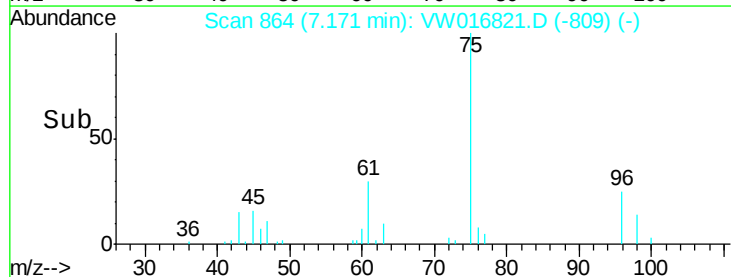
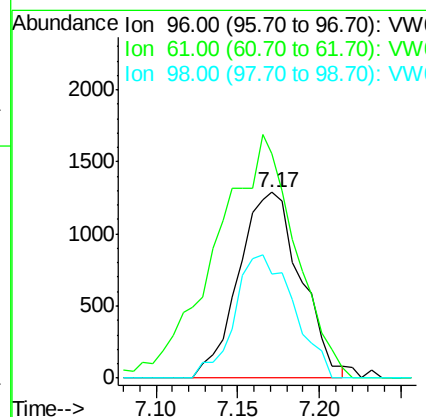
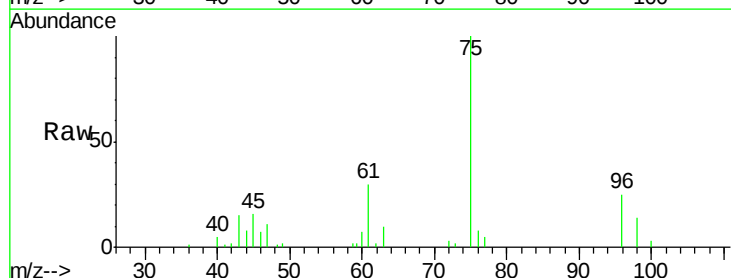
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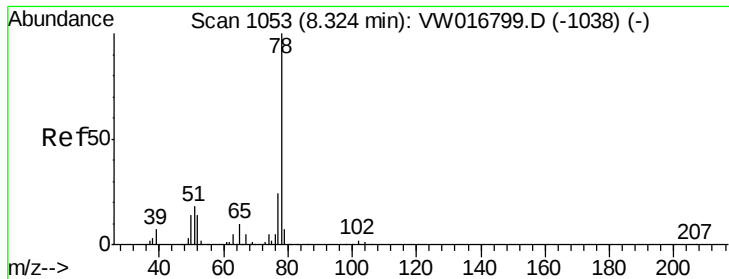
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#22
cis-1,2-Dichloroethene
Concen: 0.381 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW016821.D
Acq: 07 Oct 2020 02:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	120.8	76.0	141.2
98	56.1	42.7	79.3





#34

Benzene

Concen: 0.516 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW016821.D

Acq: 07 Oct 2020 02:38

Instrument :

MSVOA_W

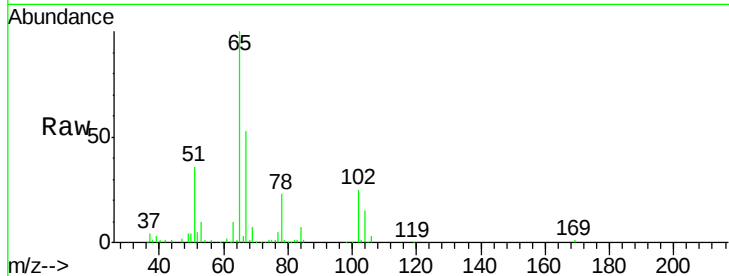
ClientSampleId :

BG3T9

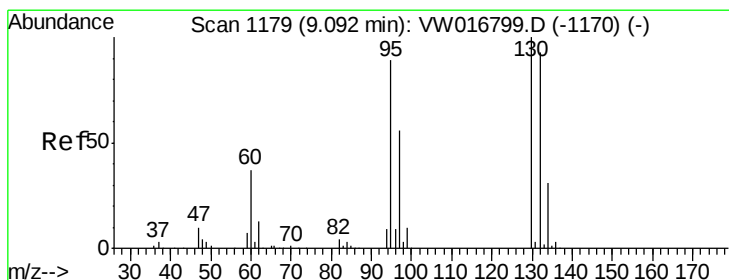
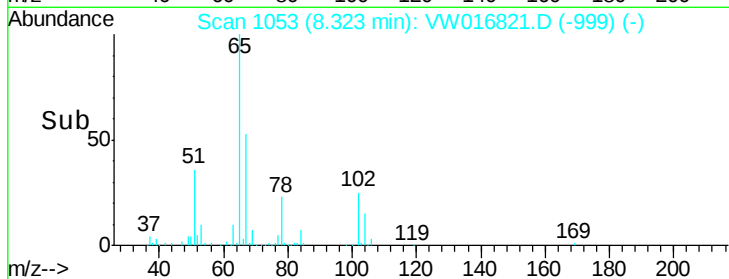
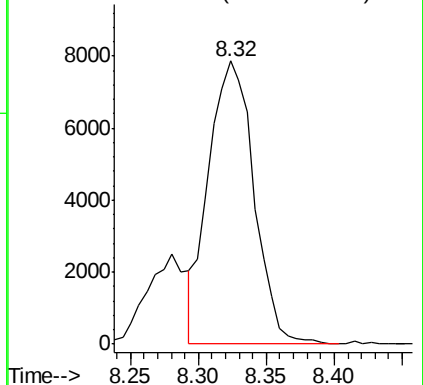
Tgt Ion: 78 Resp: 18205

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Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 14.854 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW016821.D

Acq: 07 Oct 2020 02:38

Tgt Ion: 95 Resp: 148322

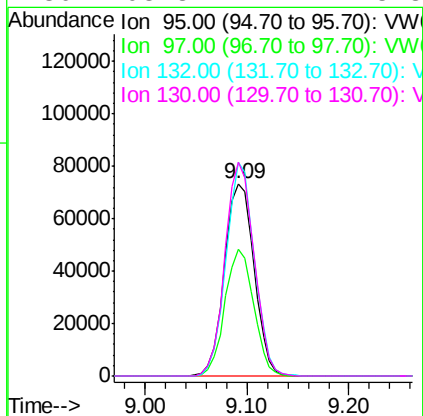
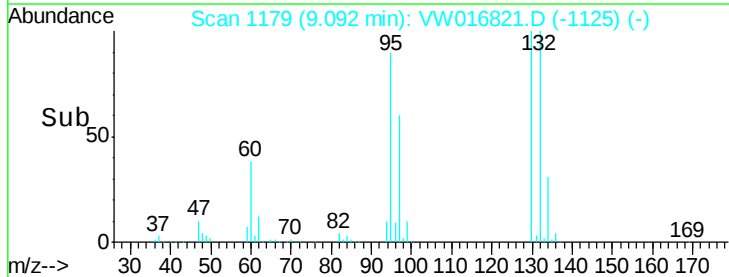
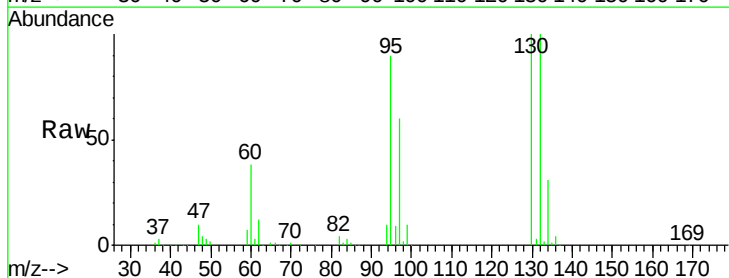
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.7	83.1
132	105.2	73.8	137.2
130	108.3	77.1	143.3

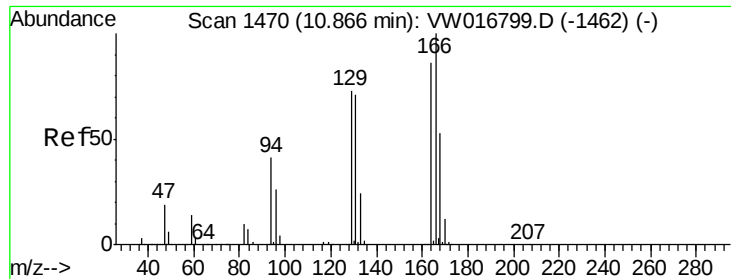
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 109.884 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW016821.D
Acq: 07 Oct 2020 02:38

Instrument :
MSVOA_W
ClientSampleId :
BG3T9

Tot Ion	Ratio	Lower	Upper
164	100		
129	89.4	61.7	114.7
131	84.2	59.7	110.9
166	124.1	88.3	164.1

Manual Integrations
APPROVED

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10/8/2020 5:38:57 PM

