

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102820\
 Data File : VW017016.D
 Acq On : 28 Oct 2020 17:34
 Operator : SY/VA
 Sample : L4502-22
 Misc : 5.17G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG445

Manual Integrations
 APPROVED

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 10/30/2020 1:33:37 PM

Quant Time: Oct 29 09:00:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 29 08:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	304807	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	285244	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	124132	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	90541	25.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.96%
7) Chloroethane-d5	2.89	69	74210	27.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.92%
10) 1,1-Dichloroethene-d2	4.02	63	131194	19.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.68%
20) 2-Butanone-d5	7.08	46	37237	56.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.38%
24) Chloroform-d	7.65	84	192319	27.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.40%
26) 1,2-Dichloroethane-d4	8.31	65	92683	28.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.04%
29) Benzene-d6	8.27	84	387557	26.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.80%
33) 1,2-Dichloropropane-d6	9.28	67	110447	27.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.72%
37) Toluene-d8	10.33	98	356010	25.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.24%
38) trans-1,3-Dichloropropene-	10.58	79	41822	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.68%
39) 2-Hexanone-d5	10.93	63	31049	55.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	77647	25.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	118965	27.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.08%

Target Compounds

					Ovalue
13) Acetone	4.12	43	3668	8.226 ug/L	87
14) Carbon disulfide	4.38	76	6559	0.542 ug/L #	94
16) Methylene chloride	4.92	84	8819	2.188 ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	1501m	0.356 ug/L	
35) Trichloroethene	9.09	95	58429	13.388 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	2263	1.357 ug/L	98
47) Tetrachloroethene	10.87	164	3020414	752.378 ug/L	97

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

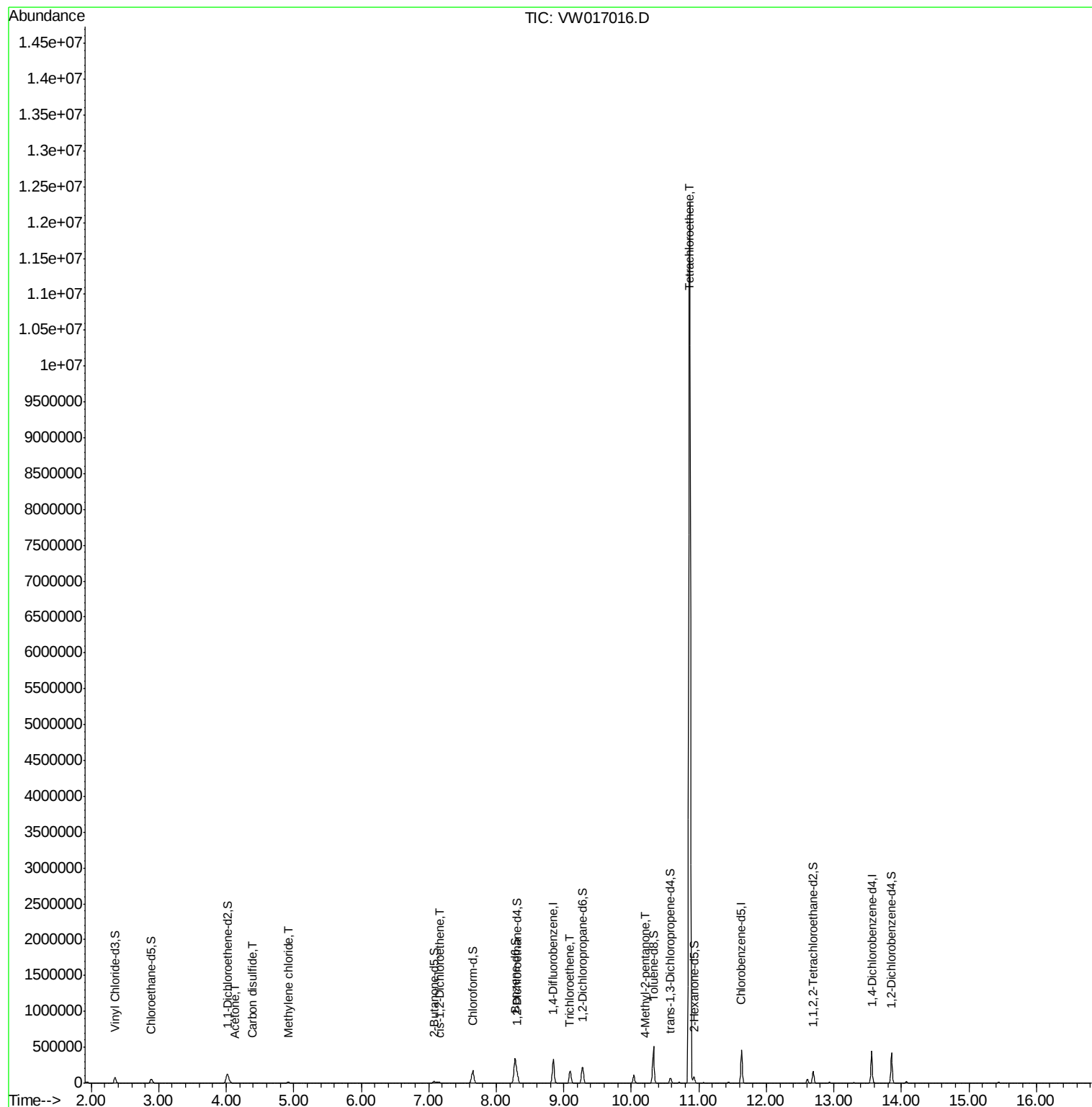
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102820\
Data File : VW017016.D
Acq On : 28 Oct 2020 17:34
Operator : SY/VA
Sample : L4502-22
Misc : 5.17G/10ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

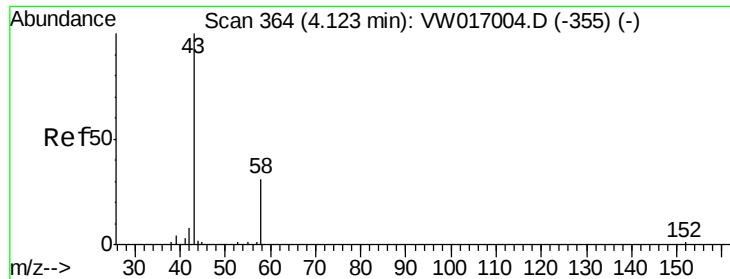
Instrument :
MSVOA_W
ClientSampleId :
BG445

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Quant Time: Oct 29 09:00:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 29 08:01:00 2020
Response via : Initial Calibration





#13

Acetone

Concen: 8.226 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW017016.D

Acq: 28 Oct 2020 17:34

Instrument :

MSVOA_W

ClientSampled :

BG445

Tot Ion: 43 Resp: 3668

Ion Ratio Lower Upper

43 100

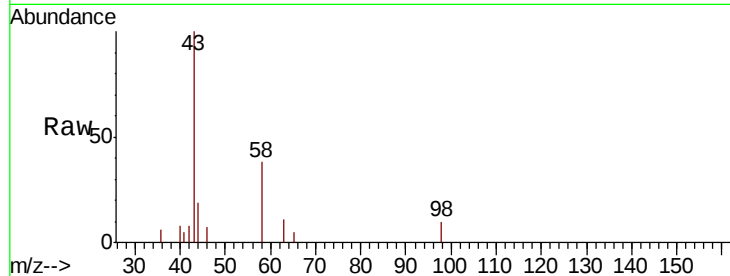
58 27.2 0.0 69.8

Manual Integrations

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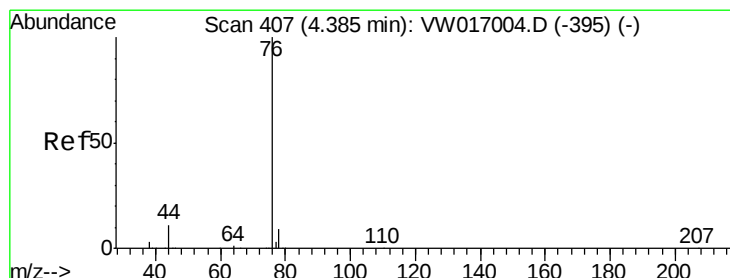
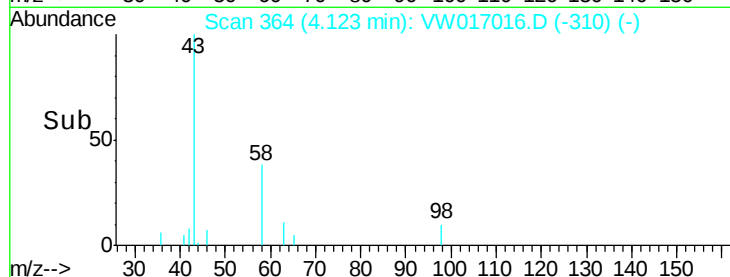
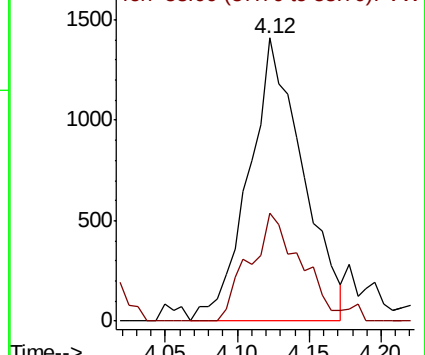
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.542 ug/L

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW017016.D

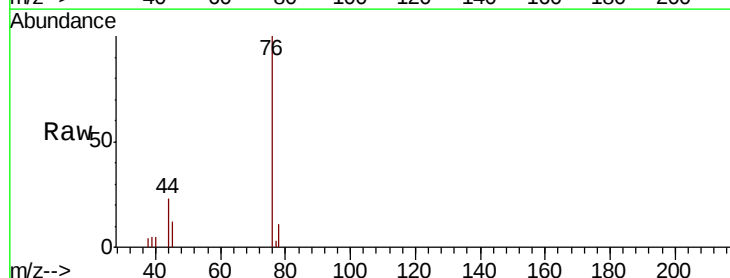
Acq: 28 Oct 2020 17:34

Tgt Ion: 76 Resp: 6559

Ion Ratio Lower Upper

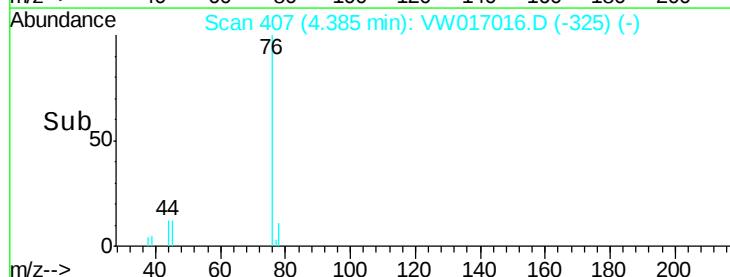
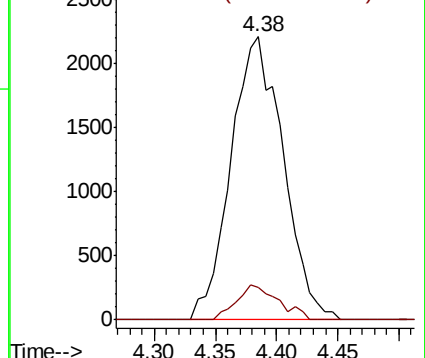
76 100

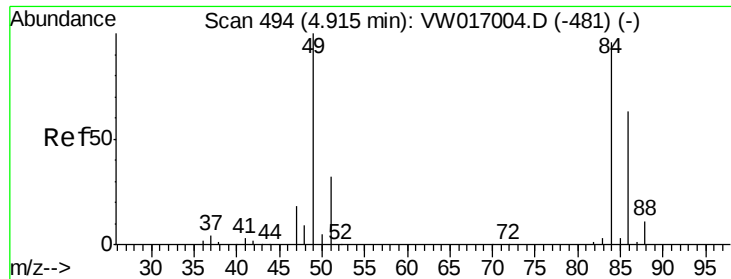
78 11.4 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





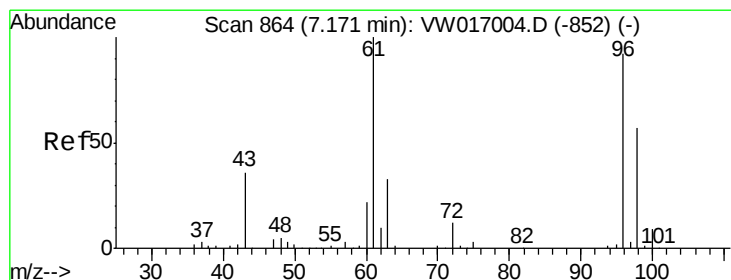
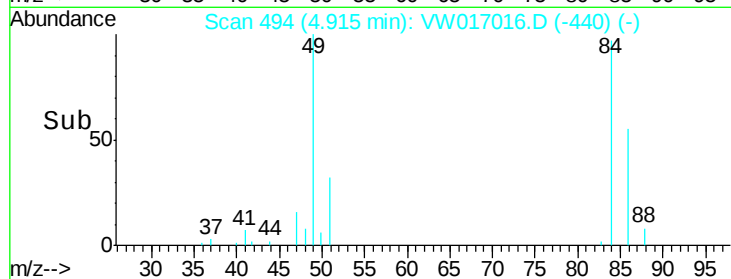
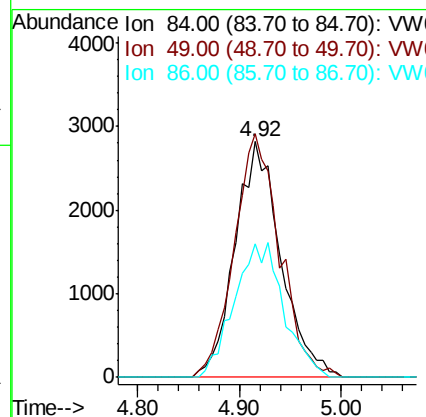
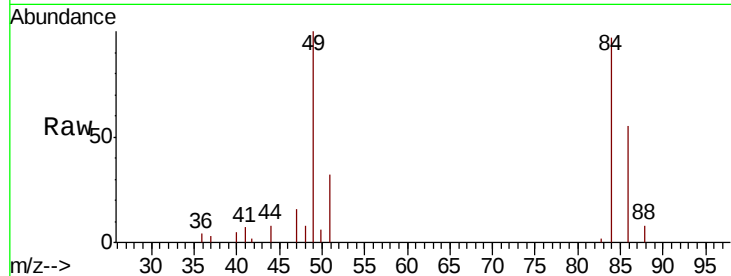
#16
Methylene chloride
Concen: 2.188 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW017016.D
Acq: 28 Oct 2020 17:34

Instrument :
MSVOA_W
ClientSampled :
BG445

Tot Ion	Ratio	Lower	Upper
84	100		
49	103.4	73.8	137.0
86	56.8	47.4	88.0

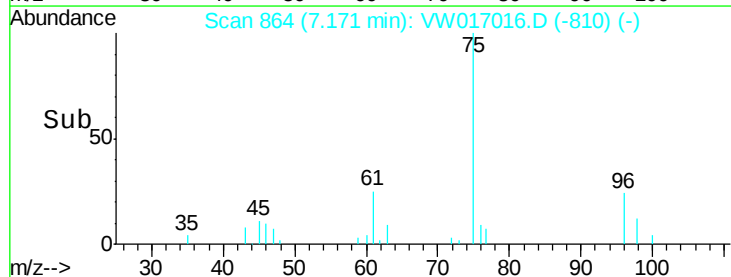
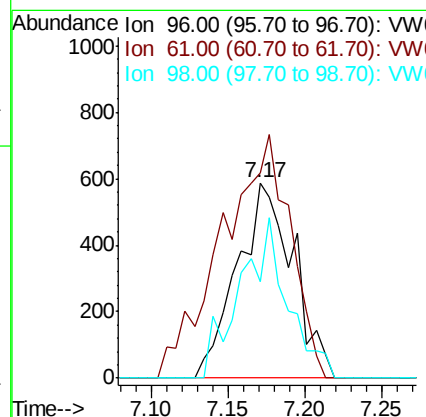
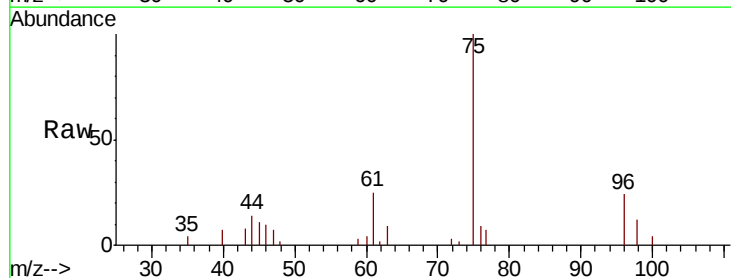
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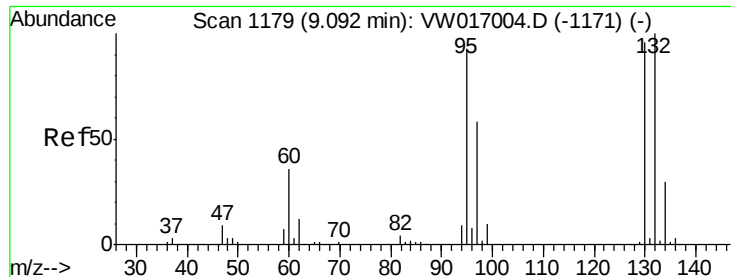
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#22
cis-1,2-Dichloroethene
Concen: 0.356 ug/L m
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW017016.D
Acq: 28 Oct 2020 17:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	105.3	77.4	143.8
98	49.6	44.4	82.5





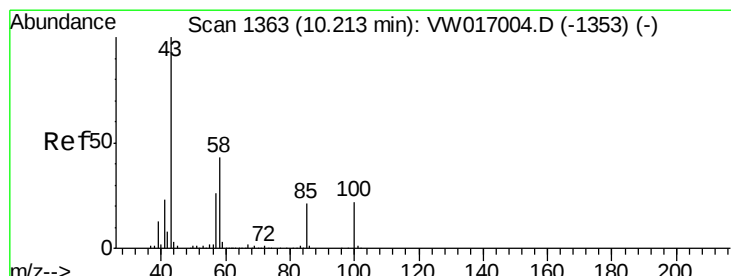
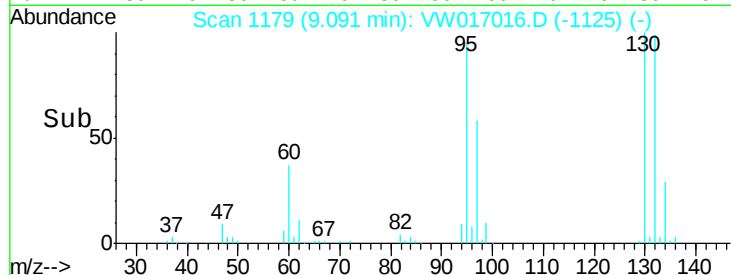
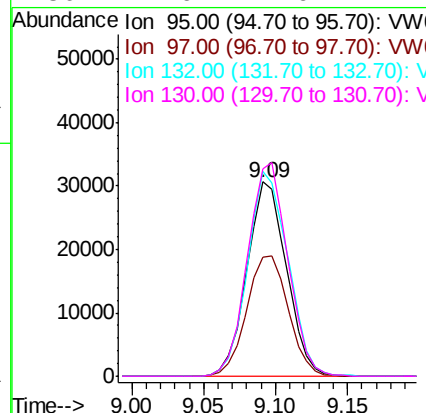
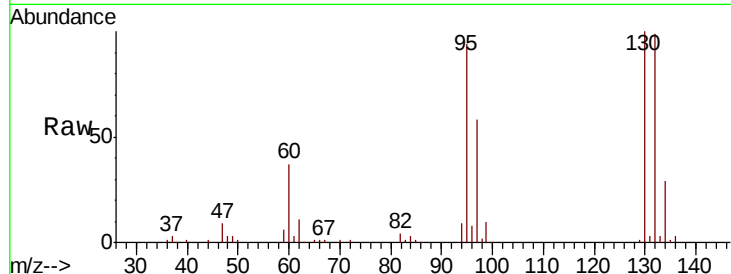
#35
 Trichloroethene
 Concen: 13.388 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW017016.D
 Acq: 28 Oct 2020 17:34

Instrument :
 MSVOA_W
 ClientSampled :
 BG445

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		58429		
97	65.2	46.0		85.4	
132	107.3	73.9		137.3	
130	111.6	77.6		144.2	

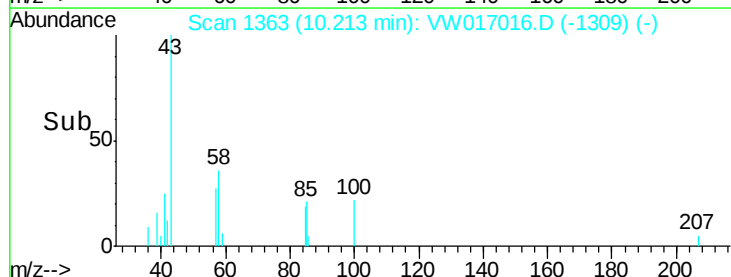
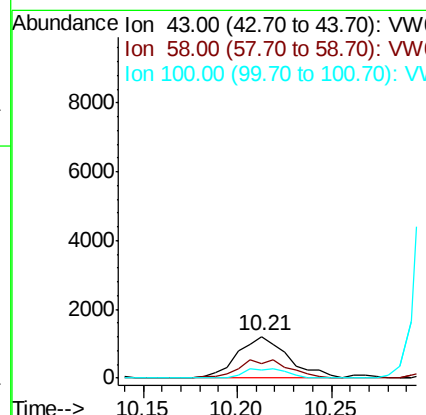
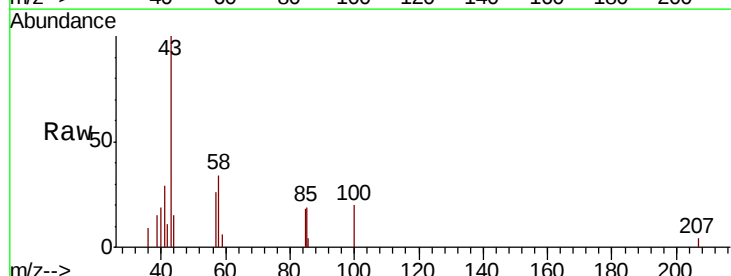
Manual Integrations
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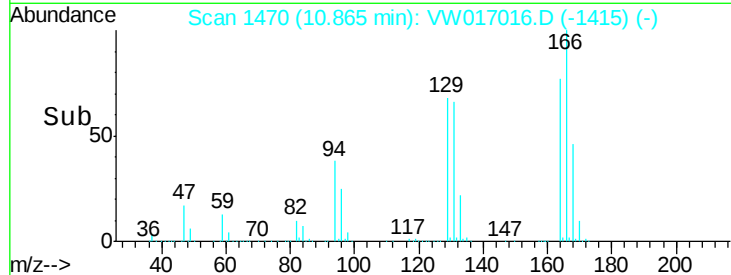
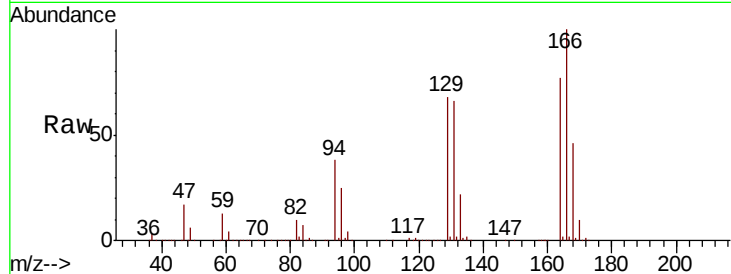
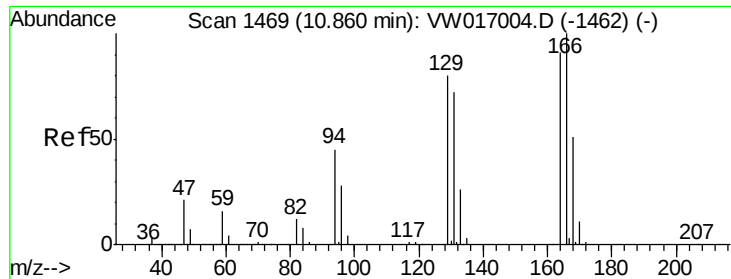
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#43
 4-Methyl-2-pentanone
 Concen: 1.357 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW017016.D
 Acq: 28 Oct 2020 17:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		2263		
58	44.1	34.4		51.6	
100	18.7	16.2		24.2	





#47
Tetrachloroethene
Concen: 752.378 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW017016.D
Acq: 28 Oct 2020 17:34

Instrument :
MSVOA_W
ClientSampleId :
BG445

Tot Ion	Ratio	Lower	Upper
164	100		
129	89.1	64.0	119.0
131	85.7	61.7	114.5
166	130.2	94.6	175.8

Manual Integrations
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