

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101720\
 Data File : VW016933.D
 Acq On : 16 Oct 2020 17:15
 Operator : SY/VA
 Sample : L4426-10
 Misc : 4.94G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y5

Manual Integrations
 APPROVED

MMDadoda
 10/19/2020 11:53:13 AM

Quant Time: Oct 17 02:13:15 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	604997	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	515835	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	239912	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	117285	19.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.60%
7) Chloroethane-d5	2.89	69	103858	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.96%
10) 1,1-Dichloroethene-d2	4.03	63	182232	14.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.52%
20) 2-Butanone-d5	7.08	46	66877	49.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.94%
24) Chloroform-d	7.65	84	289165	22.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	8.31	65	146152	23.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.80%
29) Benzene-d6	8.27	84	578280	24.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.72%
33) 1,2-Dichloropropane-d6	9.28	67	164193	26.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.32%
37) Toluene-d8	10.33	98	531706	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.20%
38) trans-1,3-Dichloropropene-	10.58	79	63339	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.24%
39) 2-Hexanone-d5	10.93	63	50532	51.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128585	25.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	177515	23.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.32%

Target Compounds

					Ovalue
13) Acetone	4.13	43	5690	5.562 ug/L	99
14) Carbon disulfide	4.39	76	10202	0.455 ug/L	96
16) Methylene chloride	4.92	84	11786	1.412 ug/L	97
35) Trichloroethene	9.10	95	30345	3.873 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	7293	2.313 ug/L	99
47) Tetrachloroethene	10.87	164	14358456m	1976.552 ug/L	

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

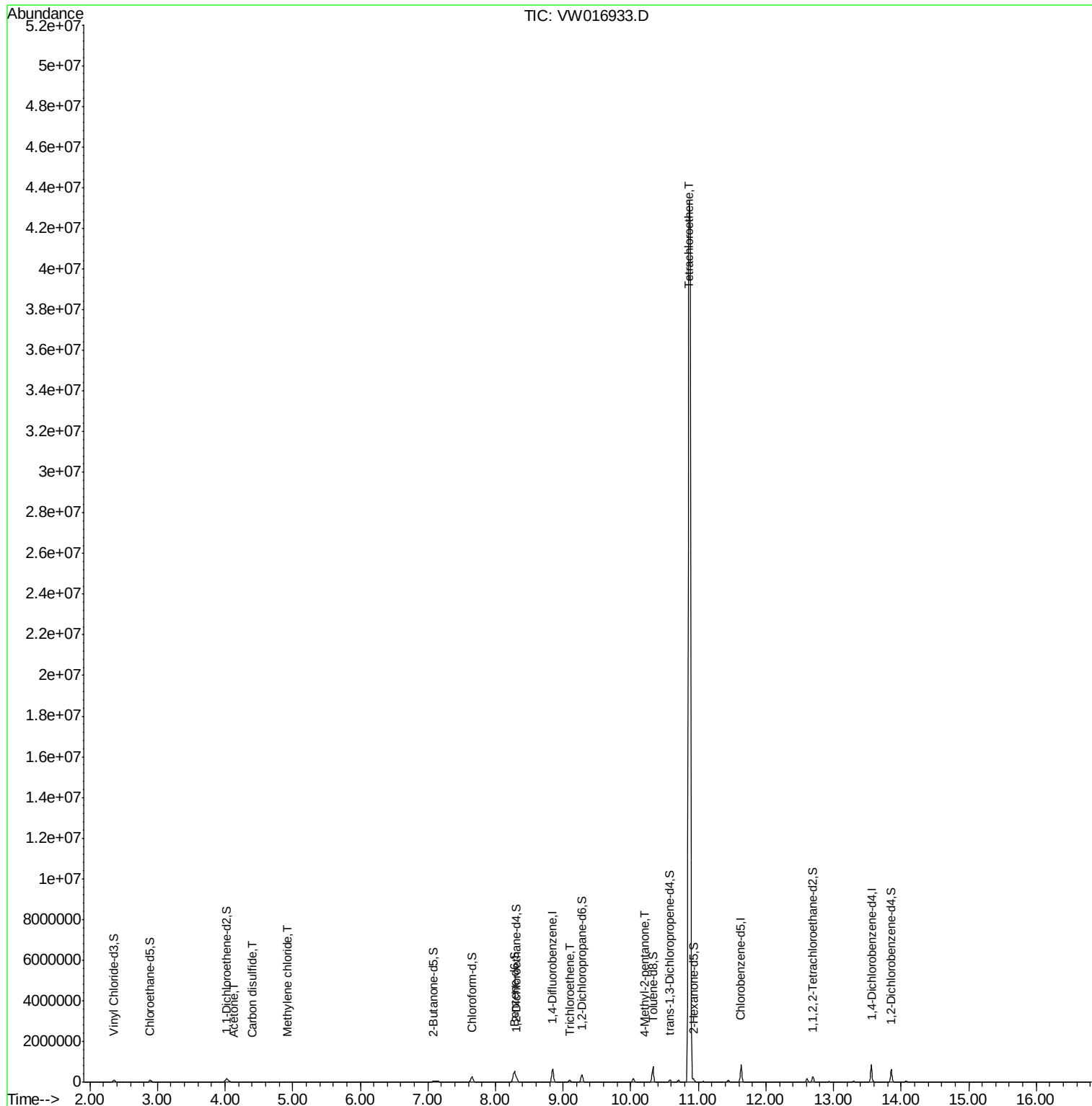
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101720\
Data File : VW016933.D
Acq On : 16 Oct 2020 17:15
Operator : SY/VA
Sample : L4426-10
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ALS Vial : 13 Sample Multiplier: 1

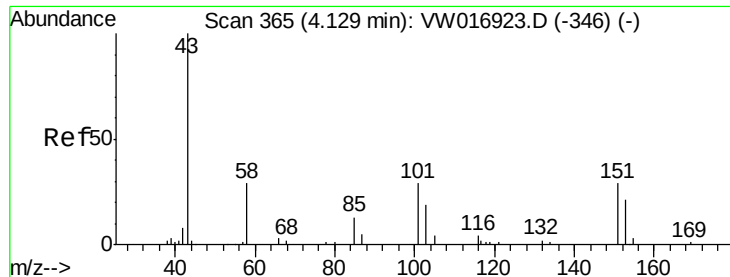
Instrument :
MSVOA_W
ClientSampleId :
BG3Y5

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QLast Update : Sat Oct 17 00:37:07 2020
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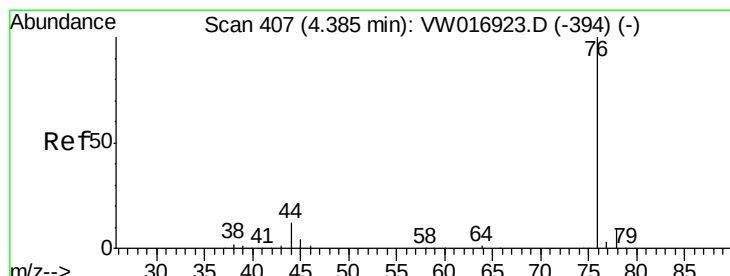
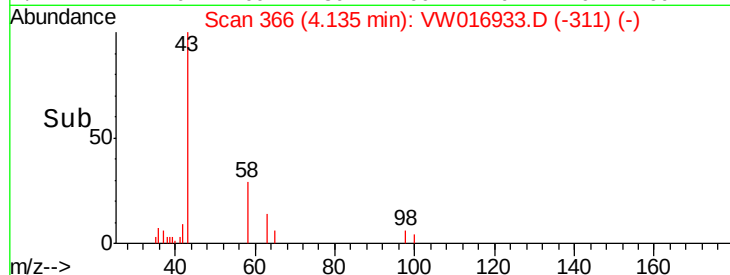
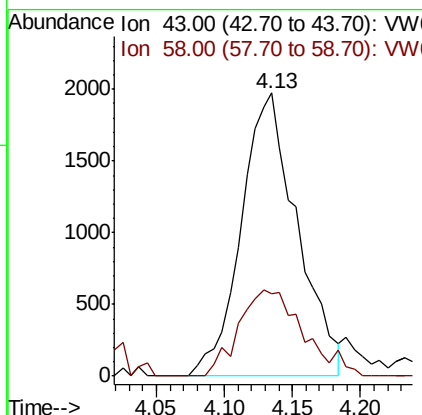
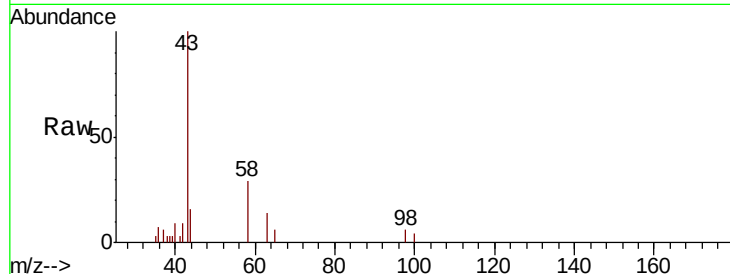
#13
Acetone
Concen: 5.562 ug/L
RT: 4.13 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW016933.D
Acq: 16 Oct 2020 17:15

Instrument :
MSVOA_W
ClientSampleId :
BG3Y5

Tot Ion: 43 Resp: 5690
Ion Ratio Lower Upper
43 100
58 33.2 0.0 67.6

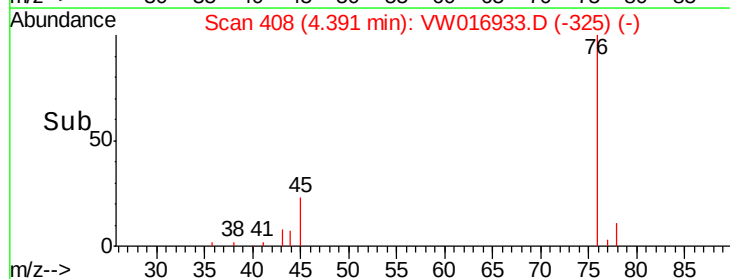
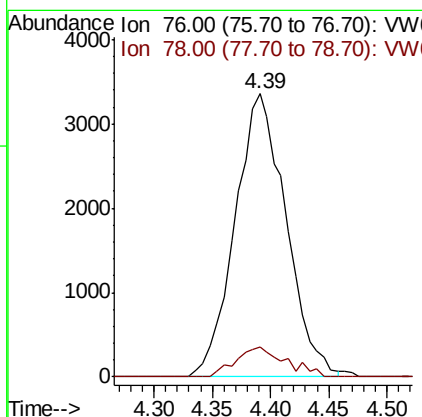
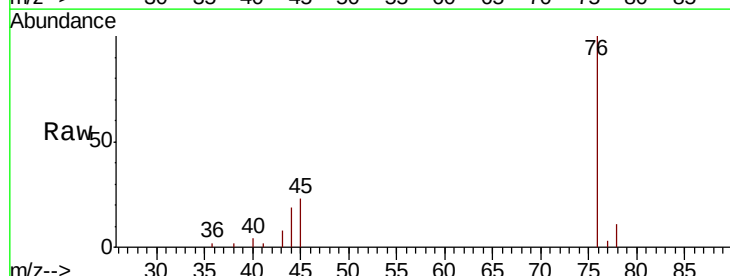
Manual Integrations
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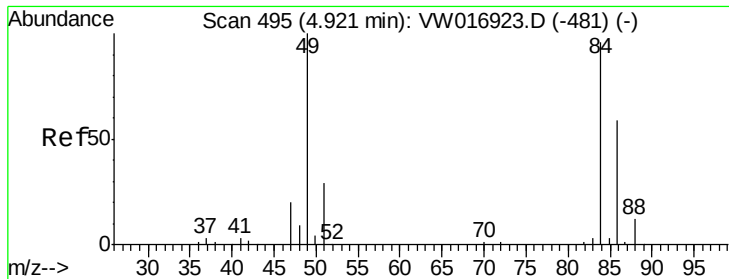
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#14
Carbon disulfide
Concen: 0.455 ug/L
RT: 4.39 min Scan# 408
Delta R.T. 0.01 min
Lab File: VW016933.D
Acq: 16 Oct 2020 17:15

Tgt Ion: 76 Resp: 10202
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.0





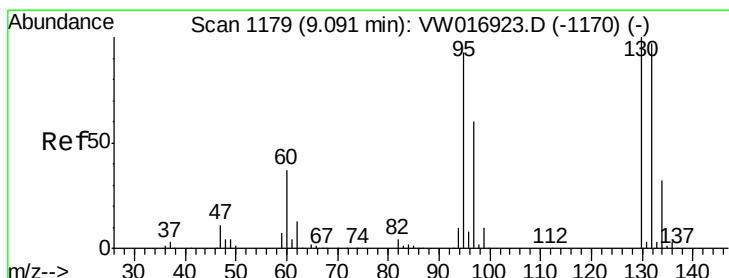
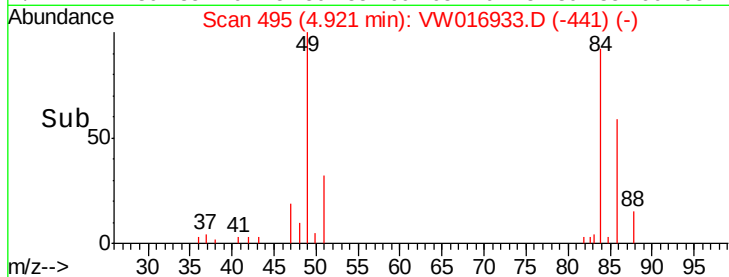
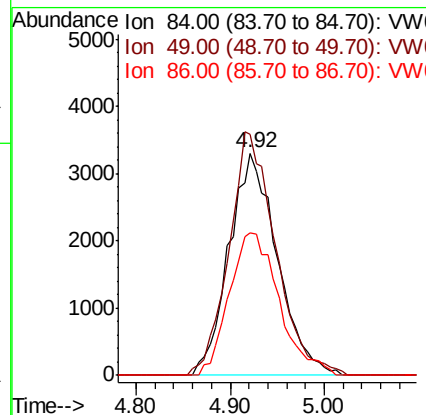
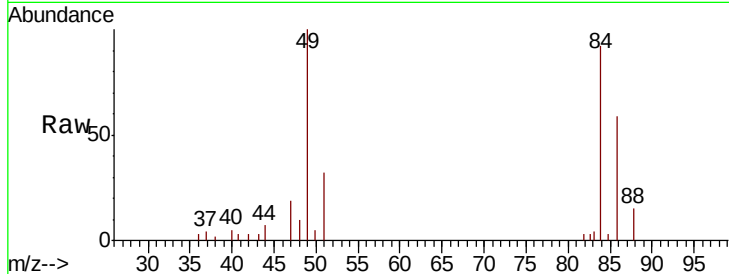
#16
Methylene chloride
Concen: 1.412 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW016933.D
Acq: 16 Oct 2020 17:15

Instrument :
MSVOA_W
ClientSampled :
BG3Y5

Tot Ion	Ratio	Lower	Upper
84	100		
49	108.6	73.1	135.8
86	64.3	46.0	85.4

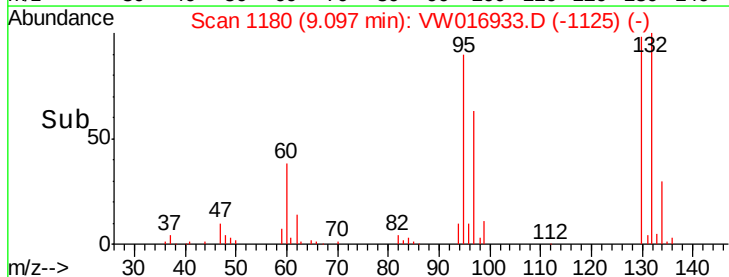
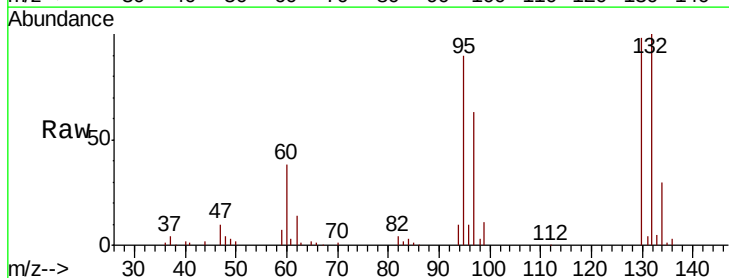
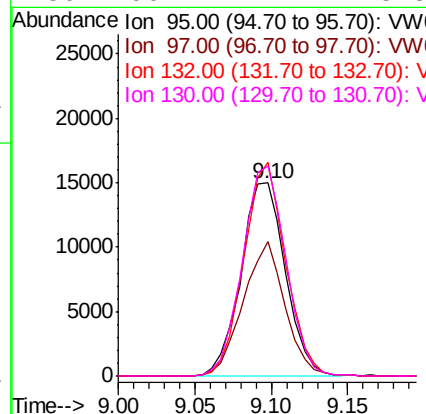
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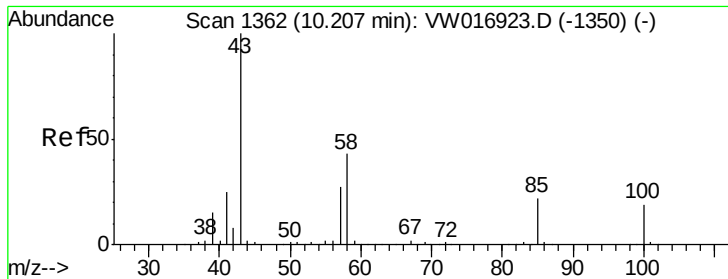
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#35
Trichloroethene
Concen: 3.873 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW016933.D
Acq: 16 Oct 2020 17:15

Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.1	44.7	83.1
132	103.5	73.8	137.2
130	106.4	77.1	143.3





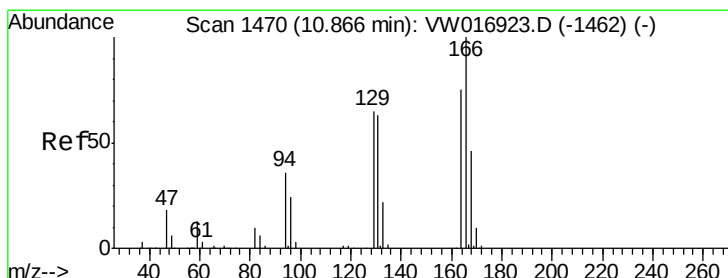
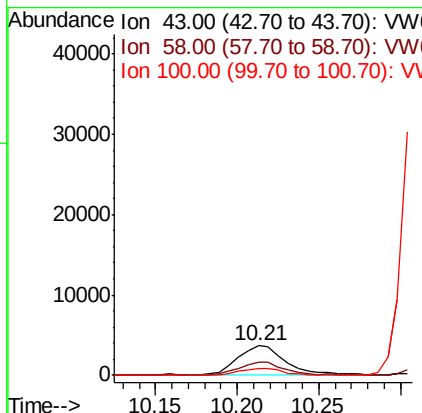
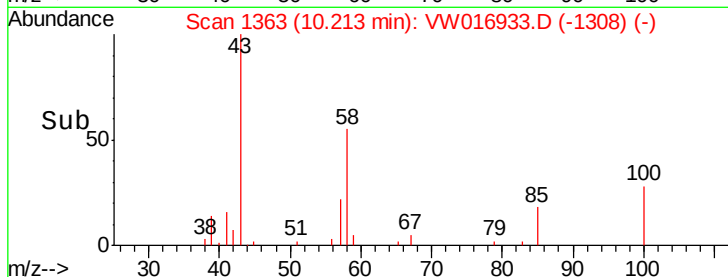
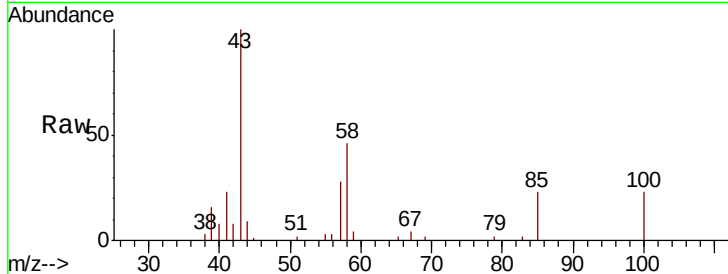
#43
4-Methyl-2-pentanone
Concen: 2.313 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW016933.D
Acq: 16 Oct 2020 17:15

Instrument :
MSVOA_W
ClientSampleId :
BG3Y5

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.9	34.7	52.1
100	21.1	16.9	25.3

Manual Integrations
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#47
Tetrachloroethene
Concen: 1976.552 ug/L m
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016933.D
Acq: 16 Oct 2020 17:15

Tgt Ion	Ratio	Lower	Upper
164	100		
129	92.0	61.7	114.7
131	84.2	59.7	110.9
166	118.0	88.3	164.1

