

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102320\
 Data File : VW016979.D
 Acq On : 23 Oct 2020 13:32
 Operator : SY/VA
 Sample : L4502-01
 Misc : 5.67G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG435

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 12:30:50 PM

Quant Time: Oct 25 17:00:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 24 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	549018	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	465040	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	201561	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	156949	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.08%
7) Chloroethane-d5	2.90	69	120355	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.04%
10) 1,1-Dichloroethene-d2	4.03	63	222129	18.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.08%
20) 2-Butanone-d5	7.09	46	55219	46.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.52%
24) Chloroform-d	7.65	84	286613	22.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.52%
26) 1,2-Dichloroethane-d4	8.31	65	139220	23.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.44%
29) Benzene-d6	8.28	84	608777	25.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.92%
33) 1,2-Dichloropropane-d6	9.28	67	164054	25.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.76%
37) Toluene-d8	10.33	98	560642	24.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.72%
38) trans-1,3-Dichloropropene-	10.58	79	63529	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.84%
39) 2-Hexanone-d5	10.93	63	45124	49.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115178	23.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	171789	24.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	6058m	7.543	ug/L	
16) Methylene chloride	4.92	84	4750	0.654	ug/L	81
22) cis-1,2-Dichloroethene	7.18	96	11936	1.571	ug/L	94
34) Benzene	8.33	78	76802	2.990	ug/L	100
35) Trichloroethene	9.10	95	93078	13.082	ug/L	99
47) Tetrachloroethene	10.87	164	4212195	643.583	ug/L	97

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

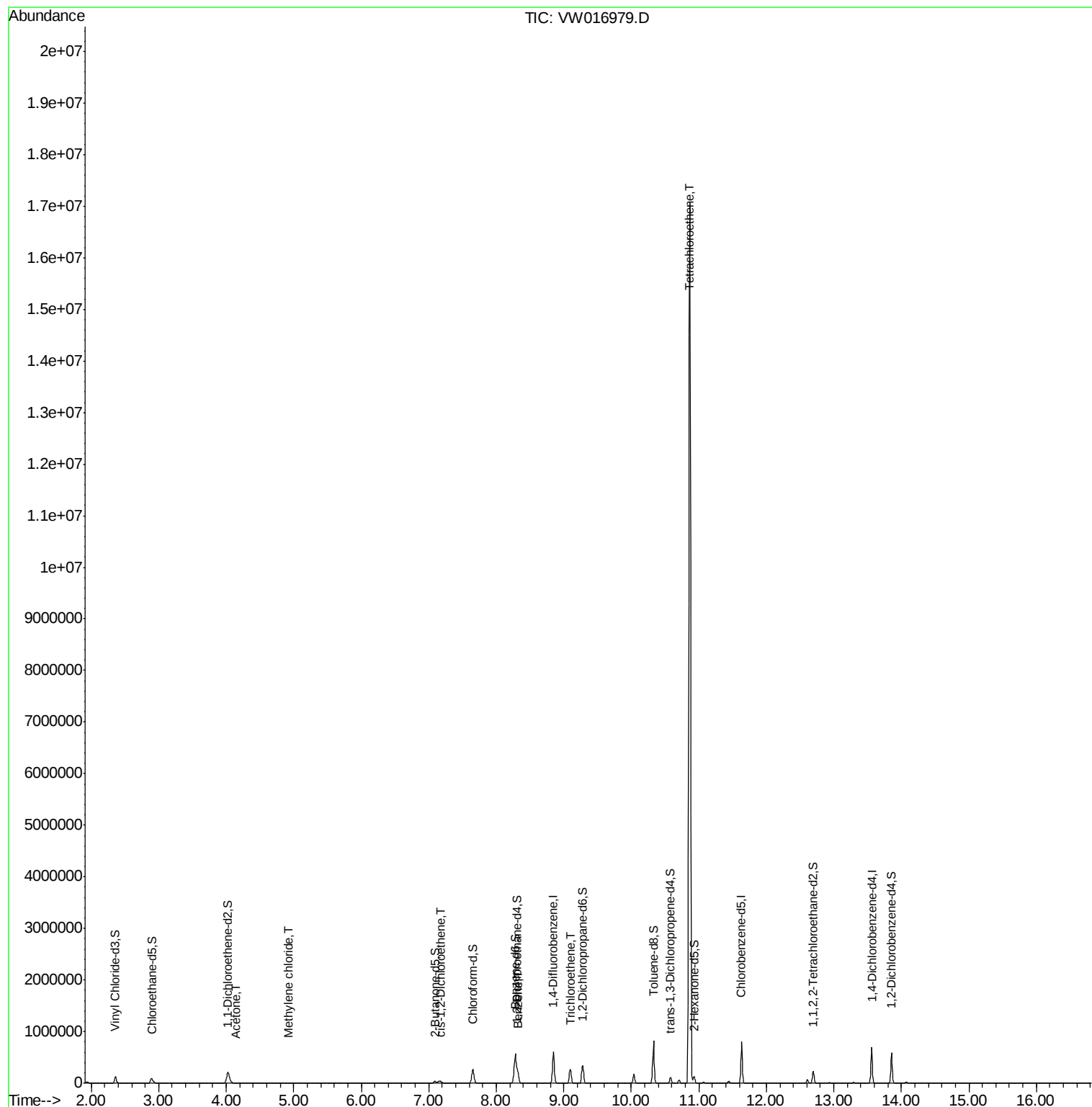
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102320\
Data File : VW016979.D
Acq On : 23 Oct 2020 13:32
Operator : SY/VA
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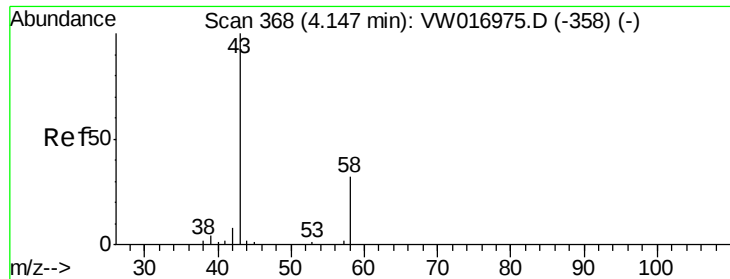
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Oct 25 17:00:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 24 00:31:51 2020
Response via : Initial Calibration





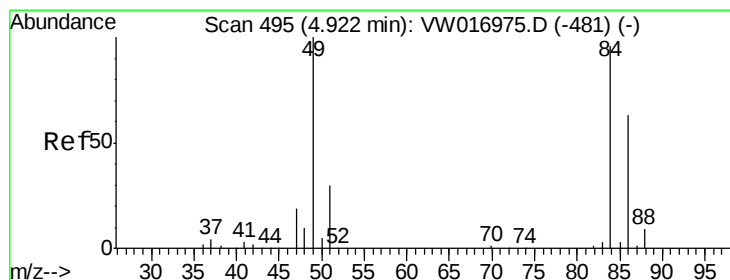
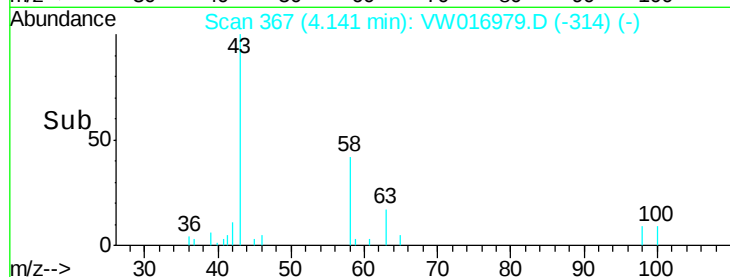
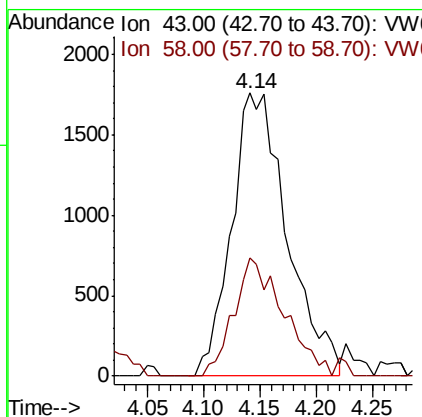
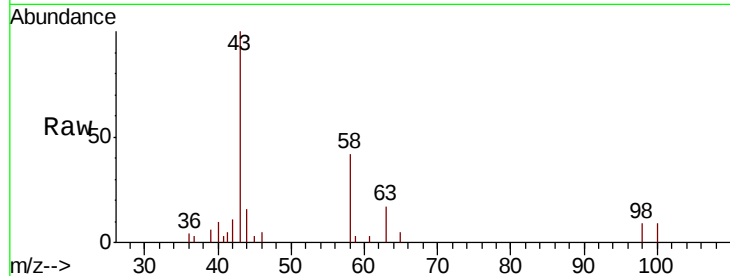
#13
Acetone
Concen: 7.543 ug/L m
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW016979.D
Acq: 23 Oct 2020 13:32

Instrument :
MSVOA_W
ClientSampled :
BG435

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.5	0.0	69.8

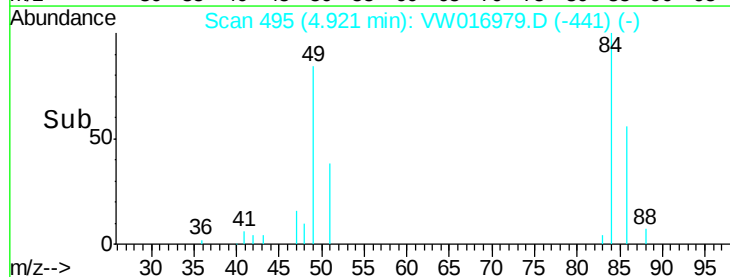
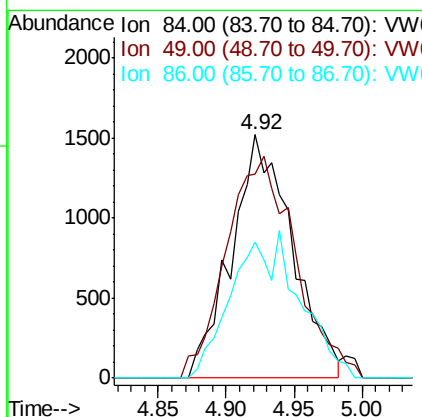
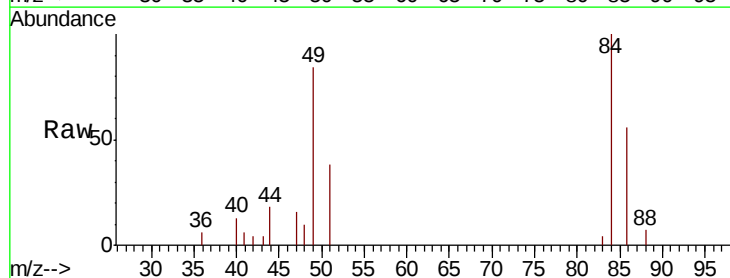
Manual Integrations
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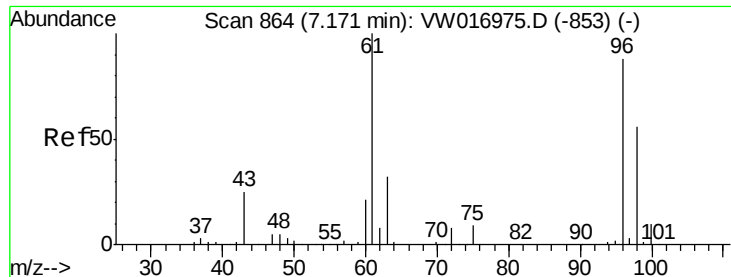
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#16
Methylene chloride
Concen: 0.654 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW016979.D
Acq: 23 Oct 2020 13:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	83.9	73.8	137.0
86	55.7	47.4	88.0





#22

cis-1,2-Dichloroethene

Concen: 1.571 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW016979.D

Acq: 23 Oct 2020 13:32

Instrument :

MSVOA_W

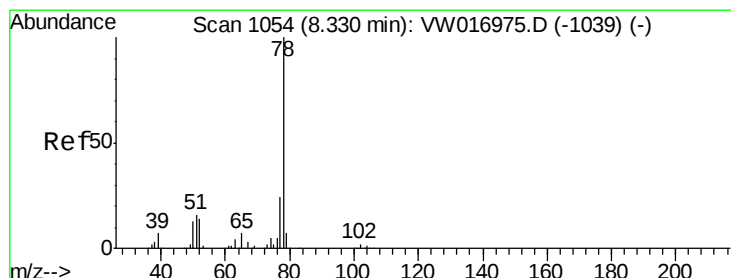
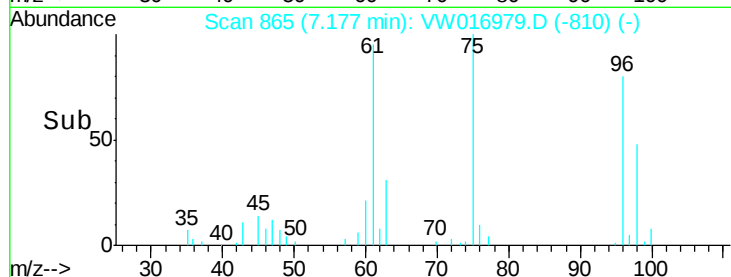
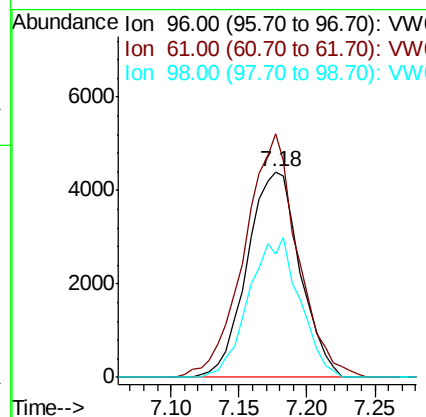
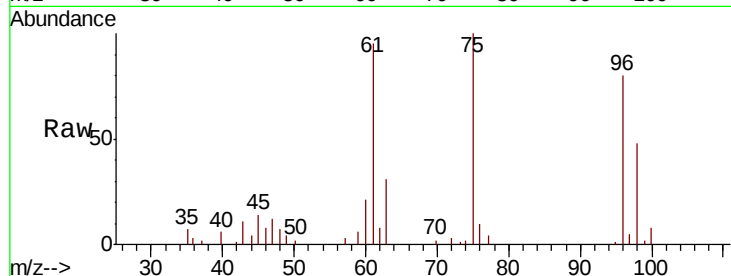
ClientSampleId :

BG435

Tot Ion:	96	Resp:	11936
Ion	Ratio	Lower	Upper
96	100		
61	118.5	77.4	143.8
98	59.8	44.4	82.5

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#34

Benzene

Concen: 2.990 ug/L

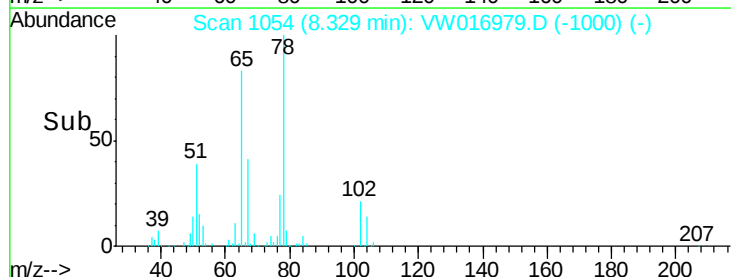
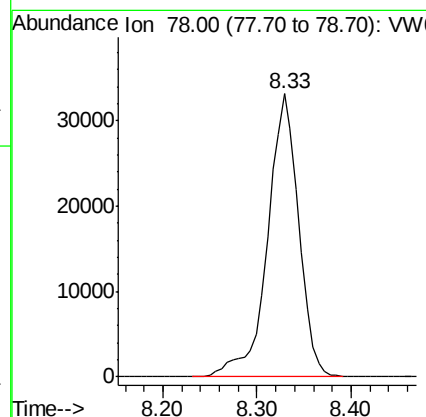
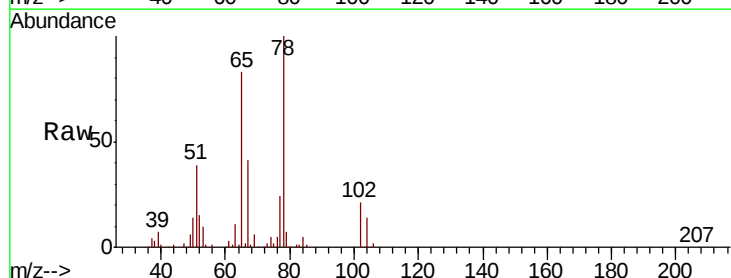
RT: 8.33 min Scan# 1054

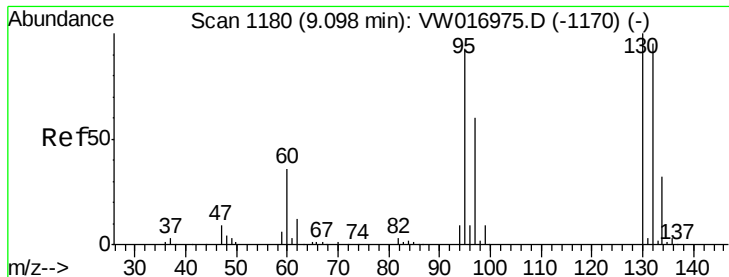
Delta R.T. -0.00 min

Lab File: VW016979.D

Acq: 23 Oct 2020 13:32

Tgt Ion: 78 Resp: 76802





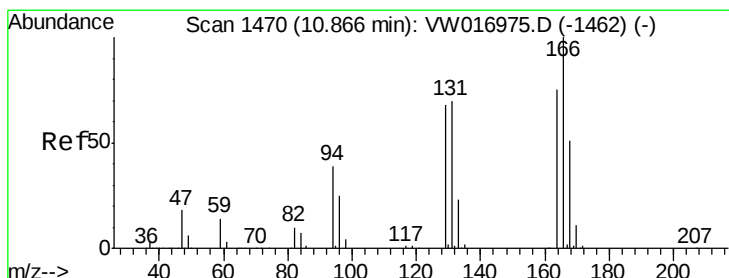
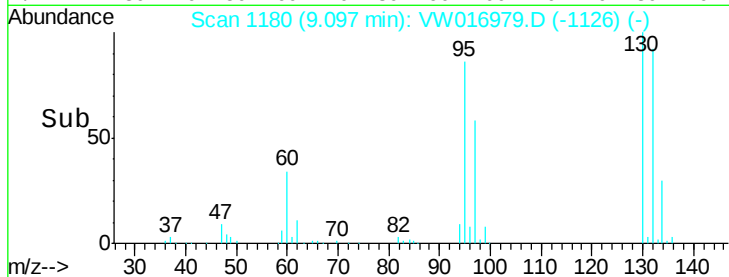
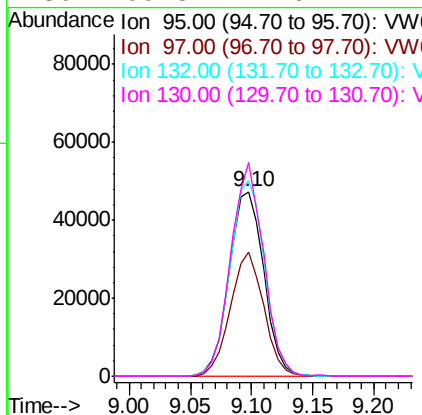
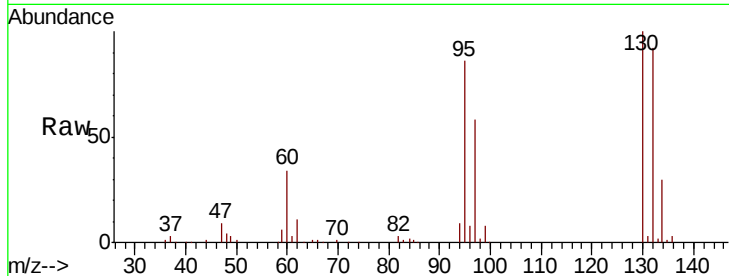
#35
 Trichloroethene
 Concen: 13.082 ug/L
 RT: 9.10 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VW016979.D
 Acq: 23 Oct 2020 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 BG435

Tot Ion	95	Resp	93078
Ion Ratio	100	Lower	Upper
95	100		
97	64.3	46.0	85.4
132	105.8	73.9	137.3
130	109.3	77.6	144.2

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 10/26/2020 12:30:50 PM



#47
 Tetrachloroethene
 Concen: 643.583 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VW016979.D
 Acq: 23 Oct 2020 13:32

Tgt Ion	164	Resp	4212195
Ion Ratio	100	Lower	Upper
164	100		
129	90.7	64.0	119.0
131	88.4	61.7	114.5
166	127.3	94.6	175.8

