

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100920\
 Data File : VW016852.D
 Acq On : 08 Oct 2020 14:14
 Operator : SY/VA
 Sample : L4284-04
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3W1

Manual Integrations
 APPROVED

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 10/12/2020 1:56:51 PM

Quant Time: Oct 09 09:21:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 11:39:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	619084	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	549970	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	259953	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	167163	27.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.48%
7) Chloroethane-d5	2.90	69	137538	26.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.40%
10) 1,1-Dichloroethene-d2	4.02	63	243862	18.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.20%
20) 2-Butanone-d5	7.09	46	52117	37.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.36%
24) Chloroform-d	7.65	84	328442	25.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.56%
26) 1,2-Dichloroethane-d4	8.31	65	154262	24.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.80%
29) Benzene-d6	8.27	84	679449	27.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.80%
33) 1,2-Dichloropropane-d6	9.27	67	179396	26.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.88%
37) Toluene-d8	10.32	98	640156	27.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.64%
38) trans-1,3-Dichloropropene-	10.58	79	70144	23.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.76%
39) 2-Hexanone-d5	10.93	63	43499	41.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116794	21.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	213175	25.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.40%

Target Compounds

				Ovalue
13) Acetone	4.15	43	5309m	5.071 ug/L
16) Methylene chloride	4.92	84	13817	1.617 ug/L
17) Methyl tert-butyl Ether	5.43	73	2489	0.278 ug/L #
22) cis-1,2-Dichloroethene	7.17	96	1986	0.233 ug/L #
35) Trichloroethene	9.09	95	153281	18.348 ug/L
47) Tetrachloroethene	10.87	164	2059093	265.857 ug/L

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

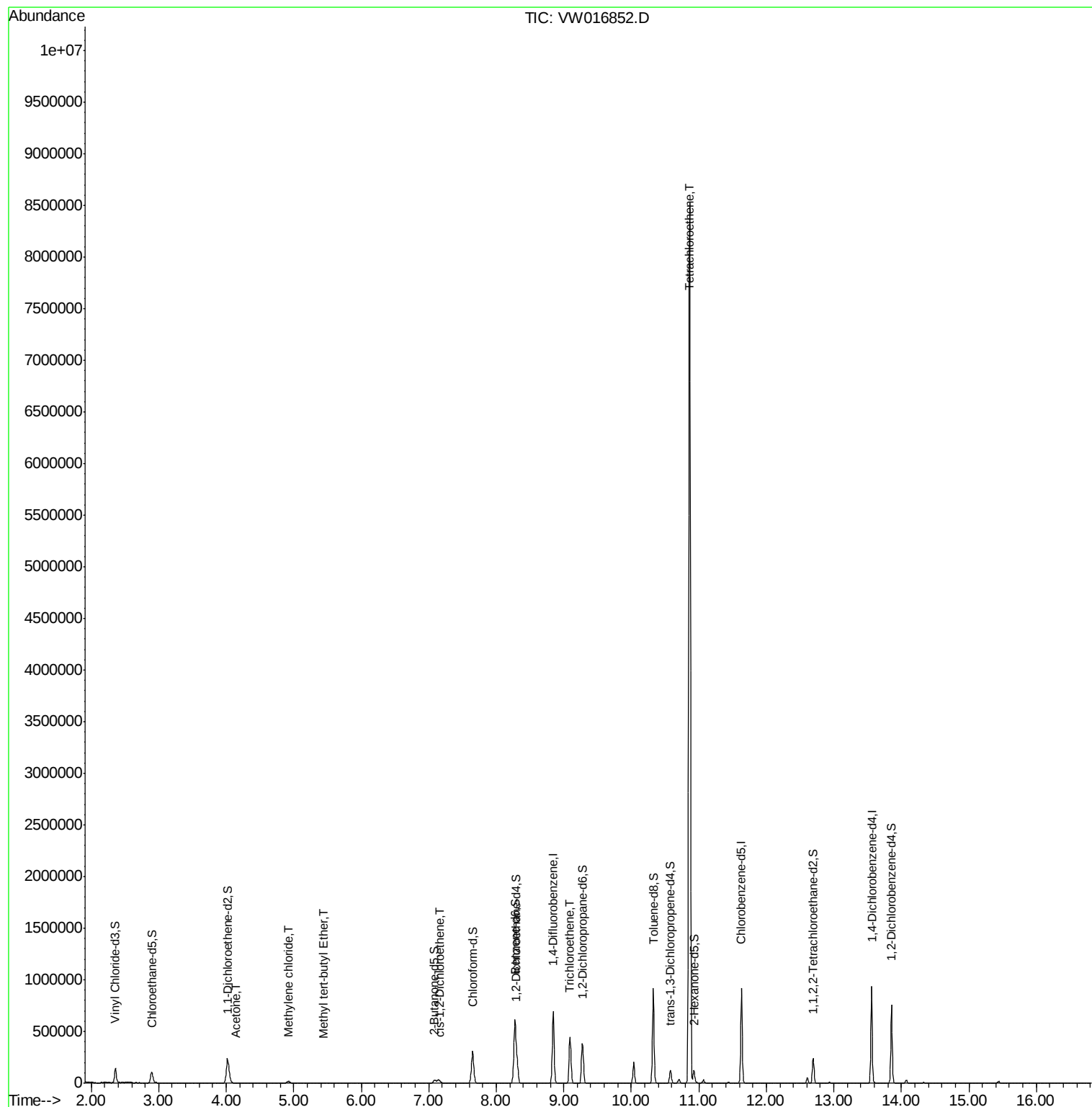
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100920\
Data File : VW016852.D
Acq On : 08 Oct 2020 14:14
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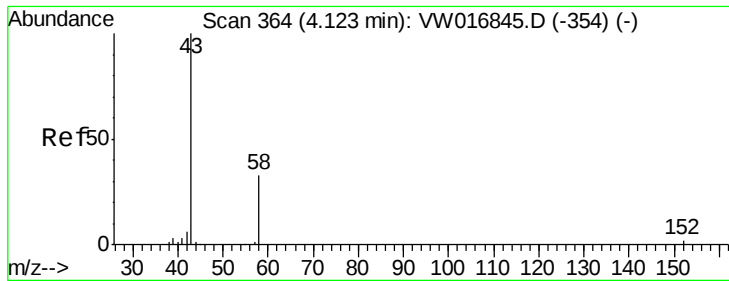
Instrument :
MSVOA_W
ClientSampleId :
BG3W1

Manual Integrations
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Quant Title : VOC Analysis
QLast Update : Thu Oct 08 11:39:44 2020
Response via : Initial Calibration





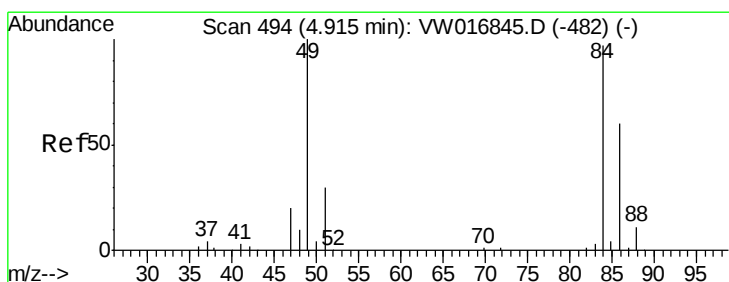
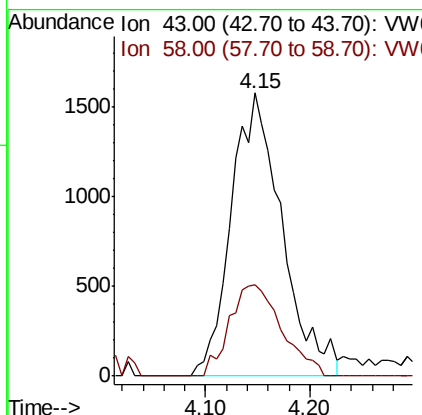
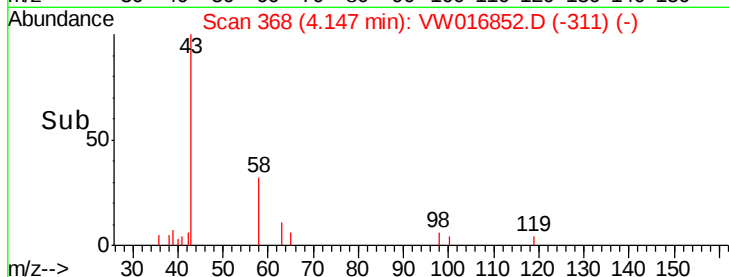
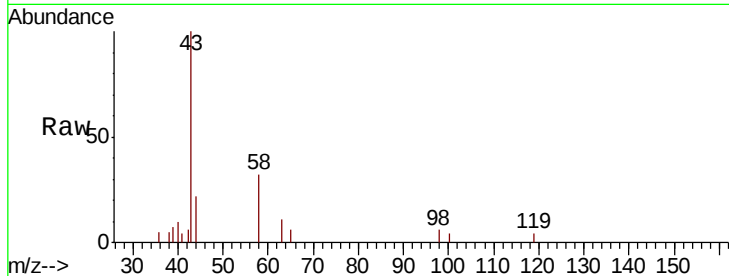
#13
Acetone
Concen: 5.071 ug/L m
RT: 4.15 min Scan# 368
Delta R.T. 0.02 min
Lab File: VW016852.D
Acq: 08 Oct 2020 14:14

Instrument :
MSVOA_W
ClientSampleId :
BG3W1

Tot Ion: 43 Resp: 5309
Ion Ratio Lower Upper
43 100
58 31.7 0.0 67.6

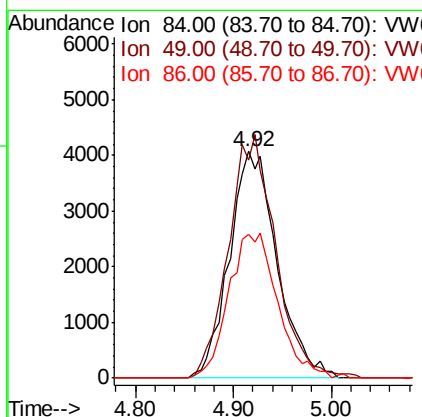
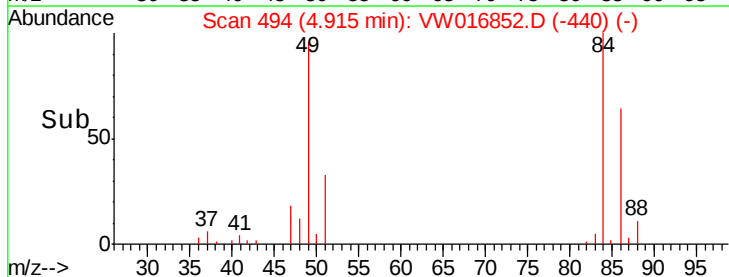
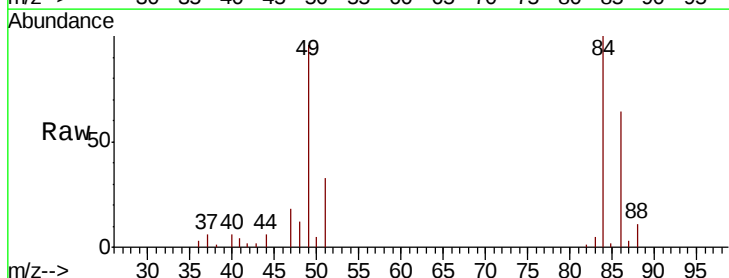
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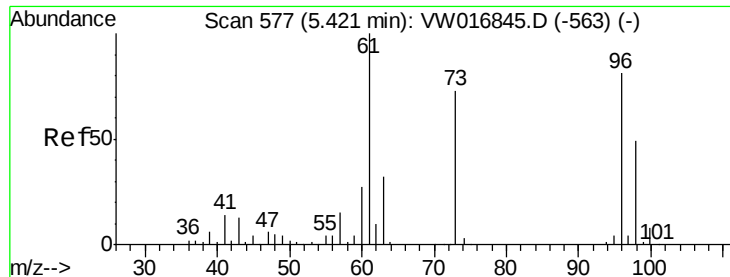
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#16
Methylene chloride
Concen: 1.617 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW016852.D
Acq: 08 Oct 2020 14:14

Tgt Ion: 84 Resp: 13817
Ion Ratio Lower Upper
84 100
49 96.3 73.1 135.8
86 63.7 46.0 85.4





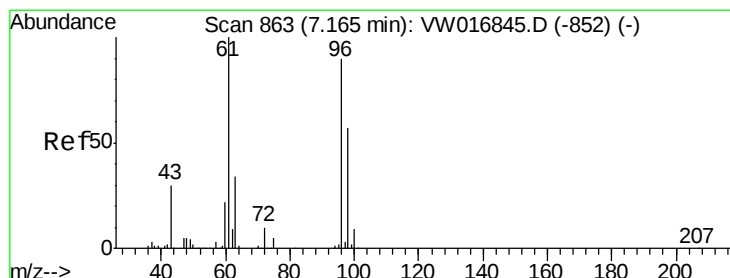
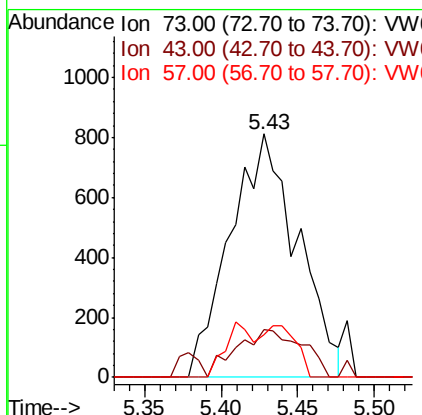
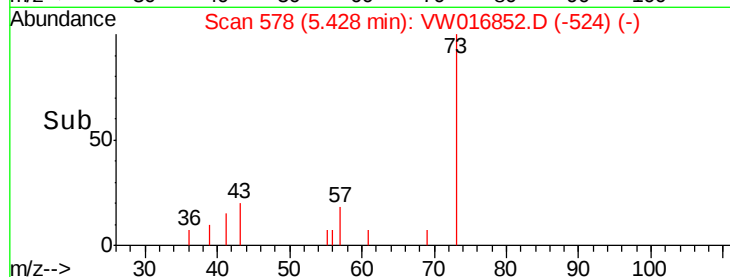
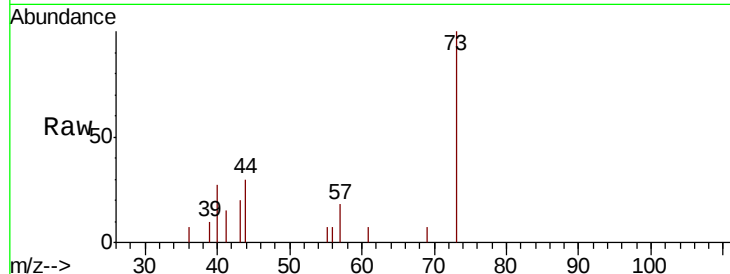
#17
Methvl tert-butvl Ether
Concen: 0.278 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW016852.D
Acq: 08 Oct 2020 14:14

Instrument :
MSVOA_W
ClientSampleId :
BG3W1

Tot Ion	Ratio	Lower	Upper
73	100		
43	12.5	15.0	22.4#
57	10.6	16.4	24.6#

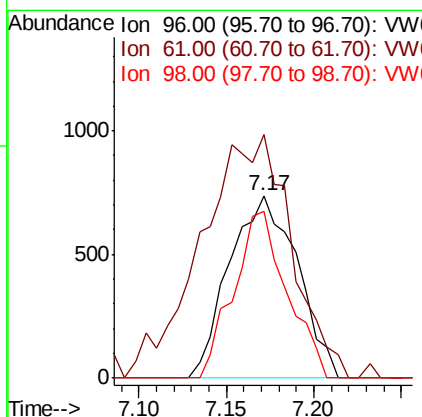
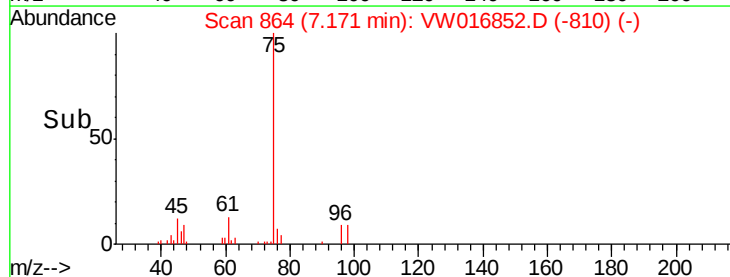
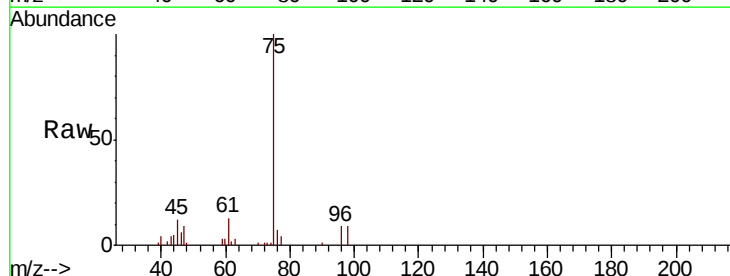
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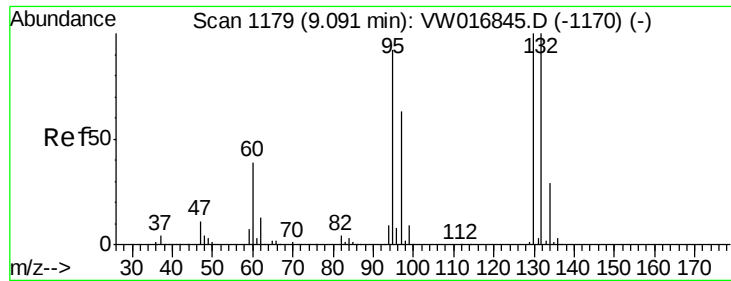
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#22
cis-1,2-Dichloroethene
Concen: 0.233 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW016852.D
Acq: 08 Oct 2020 14:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	133.6	76.0	141.2
98	91.9	42.7	79.3#





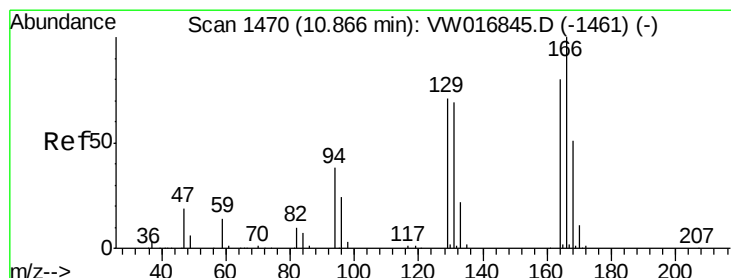
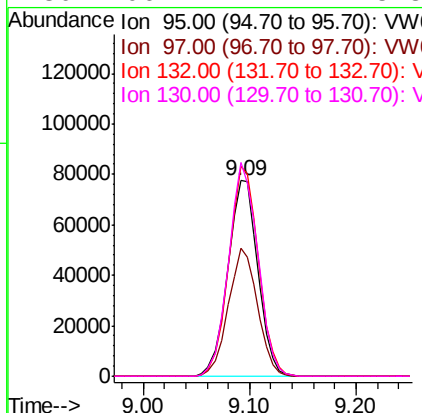
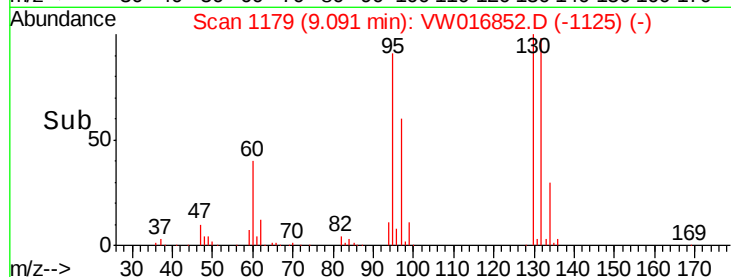
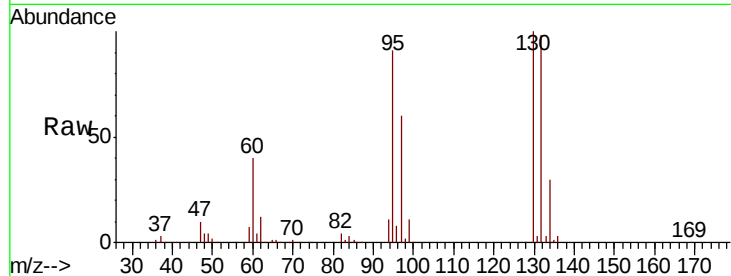
#35
 Trichloroethene
 Concen: 18.348 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW016852.D
 Acq: 08 Oct 2020 14:14

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3W1

Tot Ion	95	Resp	153281
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.7	83.1
132	106.0	73.8	137.2
130	106.7	77.1	143.3

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#47
 Tetrachloroethene
 Concen: 265.857 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VW016852.D
 Acq: 08 Oct 2020 14:14

Tgt Ion	164	Resp	2059093
Ion	Ratio	Lower	Upper
164	100		
129	88.3	61.7	114.7
131	85.3	59.7	110.9
166	125.8	88.3	164.1

