

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016812.D
 Acq On : 06 Oct 2020 23:05
 Operator : SY/VA
 Sample : L4209-008
 Misc : 5.85G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLWT1

Quant Time: Oct 07 03:15:12 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	8.85	114	560677	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	465845	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	193408	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	164805	29.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.20%
7) Chloroethane-d5	2.90	69	135405	29.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.72%
10) 1,1-Dichloroethene-d2	4.03	63	232153	19.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.08%
20) 2-Butanone-d5	7.08	46	61291	48.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.84%
24) Chloroform-d	7.65	84	329436	27.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.40%
26) 1,2-Dichloroethane-d4	8.31	65	165131	28.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.60%
29) Benzene-d6	8.28	84	673562	31.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	127.36%
33) 1,2-Dichloropropane-d6	9.28	67	181306	31.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.56%#
37) Toluene-d8	10.32	98	619376	31.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	124.08%
38) trans-1,3-Dichloropropene-	10.58	79	70884	28.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.08%
39) 2-Hexanone-d5	10.93	63	49149	55.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123965	26.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	180812	29.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.88%

Target Compounds

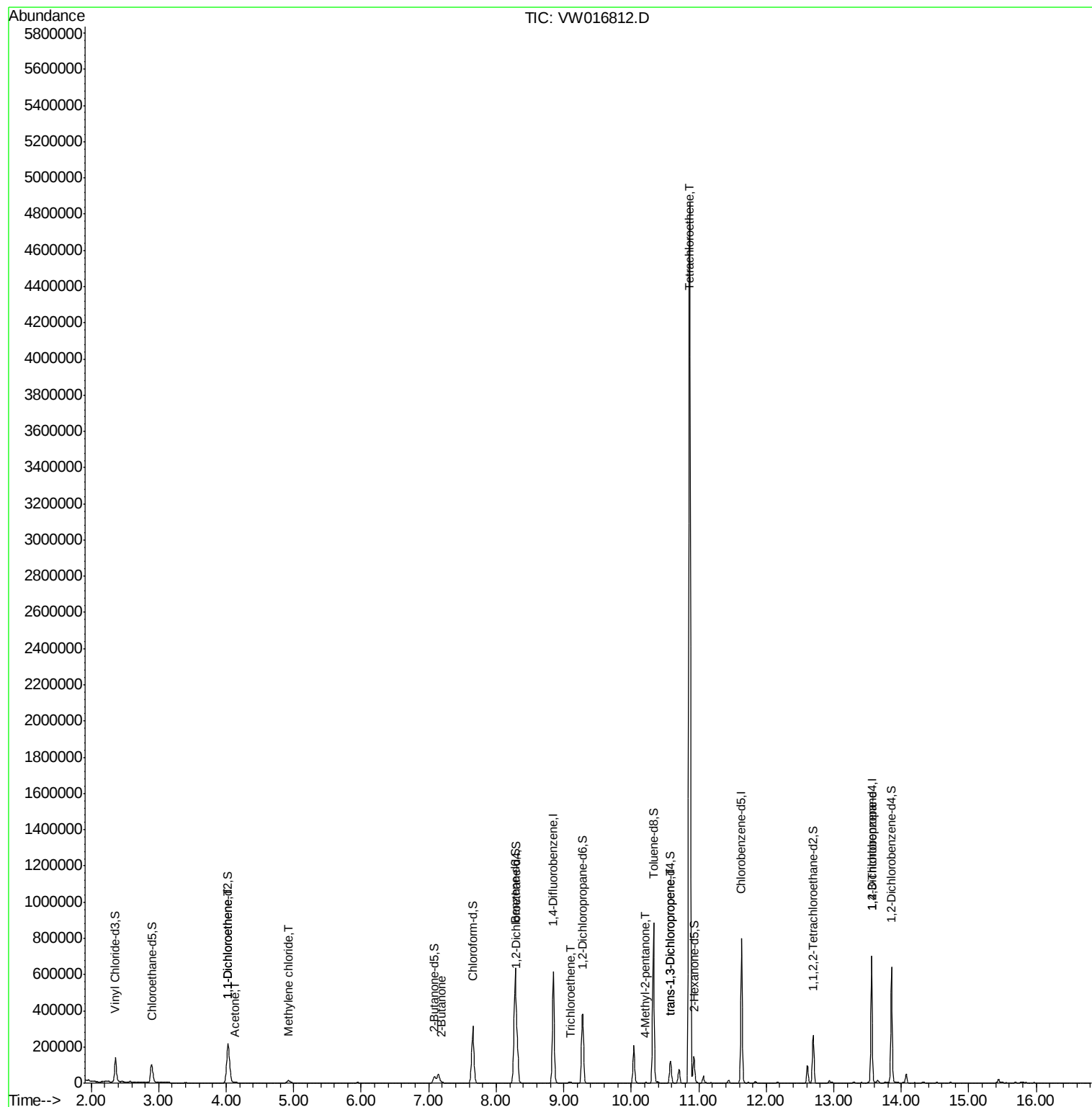
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.03	96	2170	0.299	ug/L #	1
13) Acetone	4.13	43	10315	10.880	ug/L	98
16) Methylene chloride	4.93	84	12424	1.606	ug/L	95
21) 2-Butanone	7.19	43	2413	1.516	ug/L	88
35) Trichloroethene	9.10	95	1517	0.214	ug/L	94
43) 4-Methyl-2-pentanone	10.21	43	2413	0.847	ug/L	96
45) trans-1,3-Dichloropropene	10.59	75	3217	0.424	ug/L #	76
47) Tetrachloroethene	10.87	164	1182959	180.318	ug/L	97
59) 1,2,3-Trichloropropane	13.56	75	19077	5.182	ug/L	90

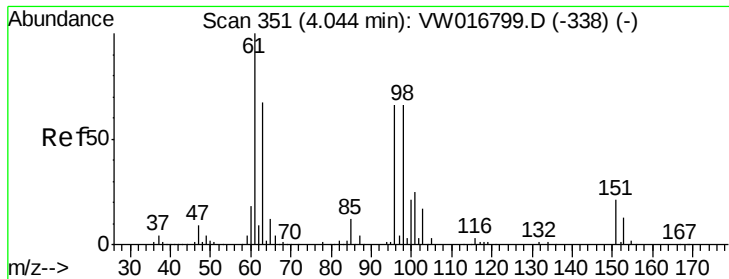
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 07 03:05:19 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.299 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW016812.D

Acq: 06 Oct 2020 23:05

Instrument :

MSVOA_W

ClientSampleId :

JLWT1

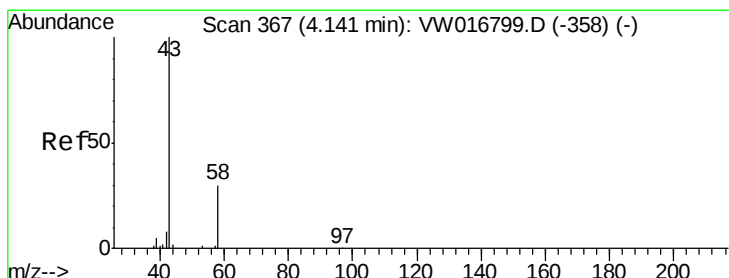
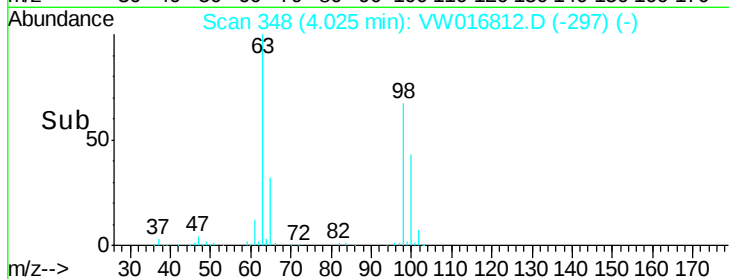
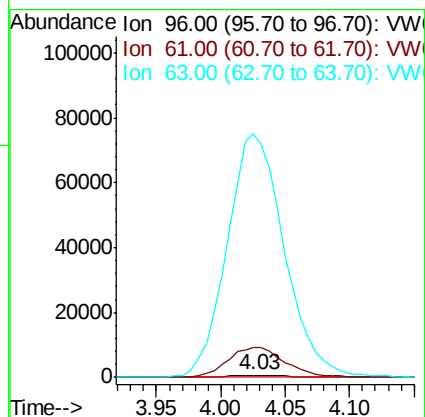
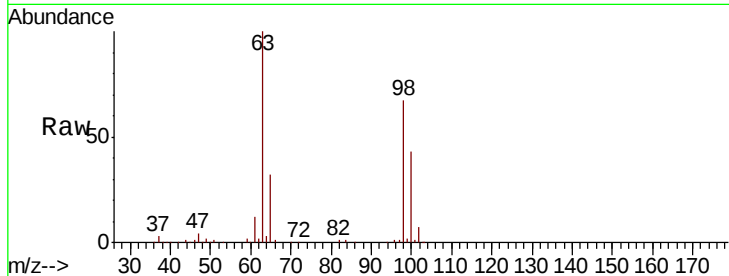
Tot Ion: 96 Resp: 2170

Ion Ratio Lower Upper

96 100

61 1250.3 105.1 195.1#

63 10411.1 69.9 129.7#



#13

Acetone

Concen: 10.880 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016812.D

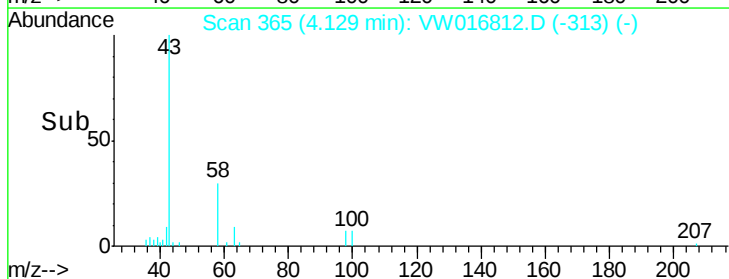
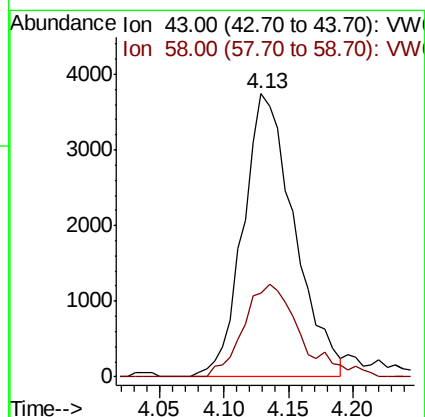
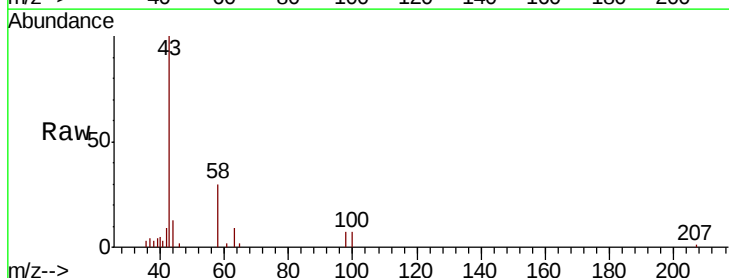
Acq: 06 Oct 2020 23:05

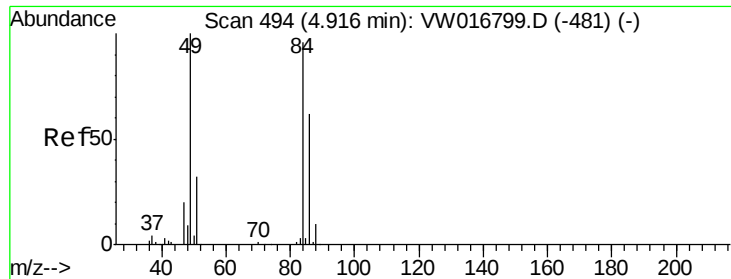
Tgt Ion: 43 Resp: 10315

Ion Ratio Lower Upper

43 100

58 32.7 0.0 67.6

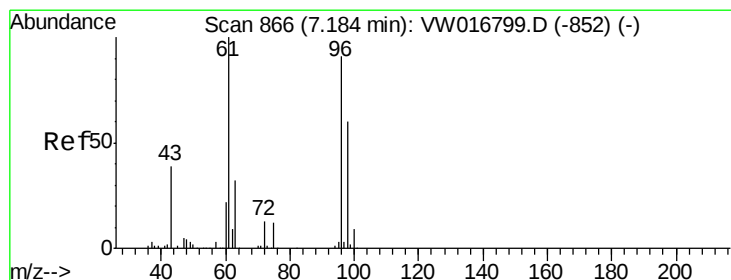
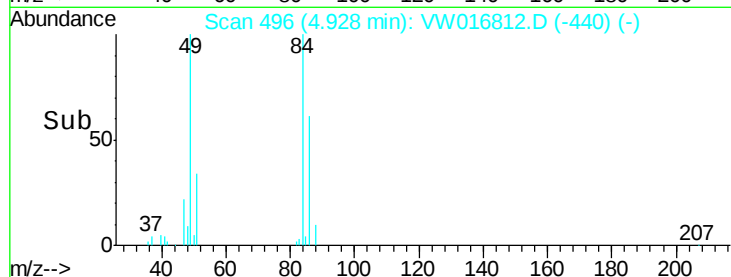
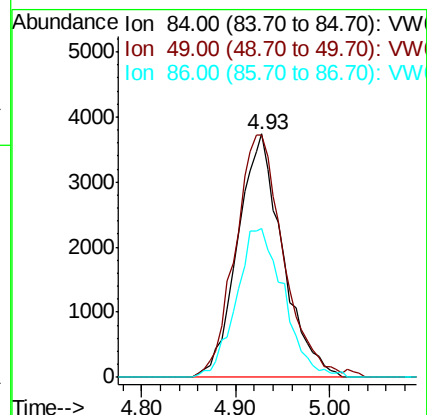
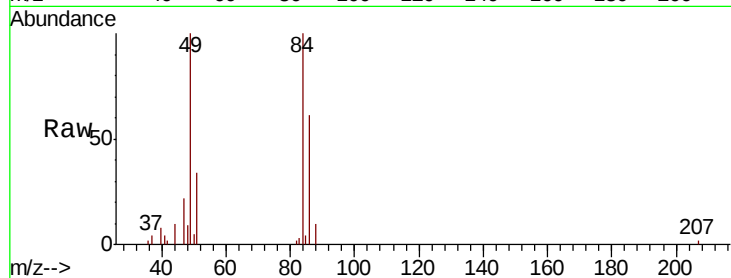




#16
Methylene chloride
Concen: 1.606 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW016812.D
Acq: 06 Oct 2020 23:05

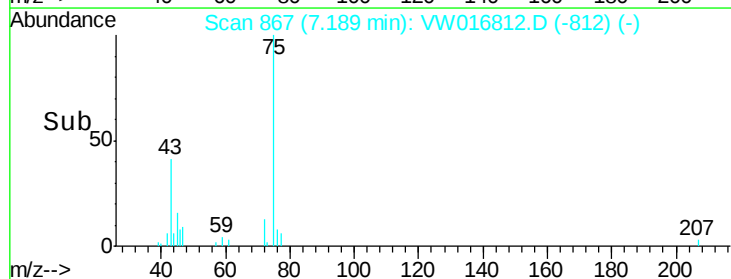
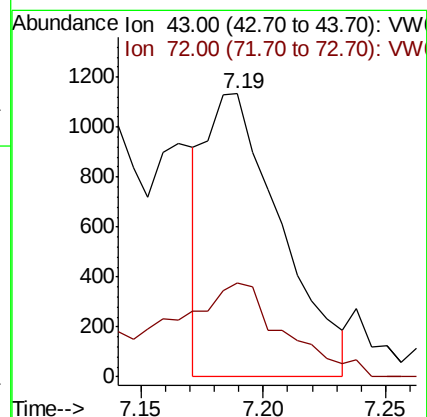
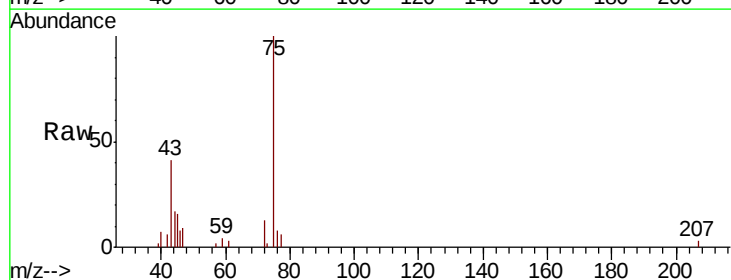
Instrument :
MSVOA_W
ClientSampled :
JLWT1

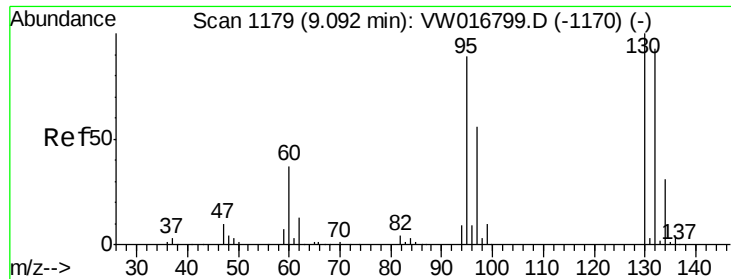
Tot Ion: 84 Resp: 12424
Ion Ratio Lower Upper
84 100
49 99.7 73.1 135.8
86 61.3 46.0 85.4



#21
2-Butanone
Concen: 1.516 ug/L
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW016812.D
Acq: 06 Oct 2020 23:05

Tgt Ion: 43 Resp: 2413
Ion Ratio Lower Upper
43 100
72 39.3 16.2 48.5

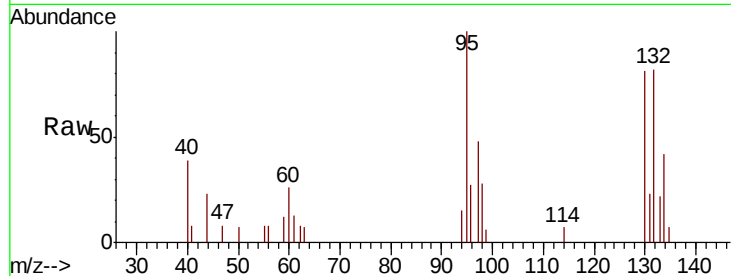




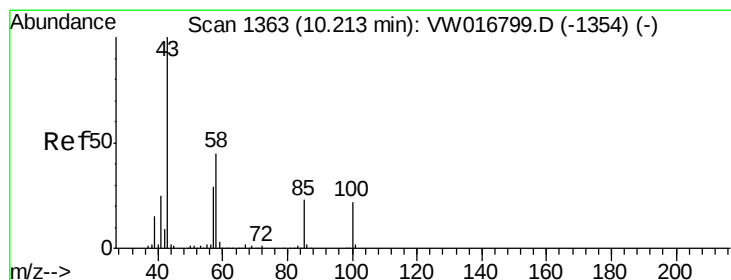
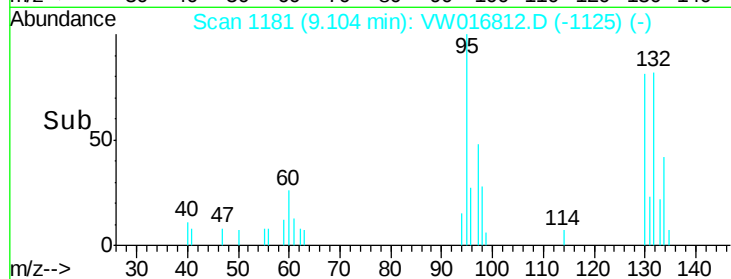
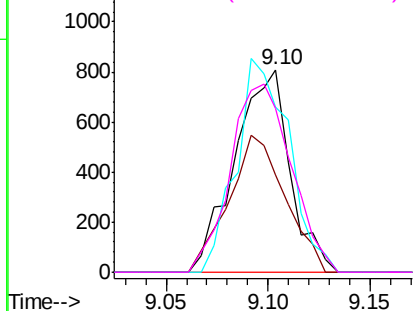
#35
 Trichloroethene
 Concen: 0.214 ug/L
 RT: 9.10 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VW016812.D
 Acq: 06 Oct 2020 23:05

Instrument :
 MSVOA_W
 ClientSampleId :
 JLWT1

Tot Ion: 95 Resp: 1517
 Ion Ratio Lower Upper
 95 100
 97 69.2 44.7 83.1
 132 100.7 73.8 137.2
 130 102.4 77.1 143.3

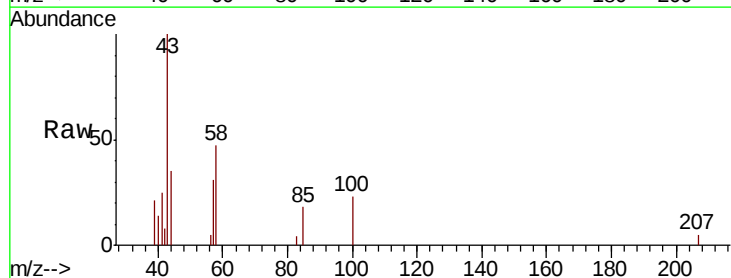


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

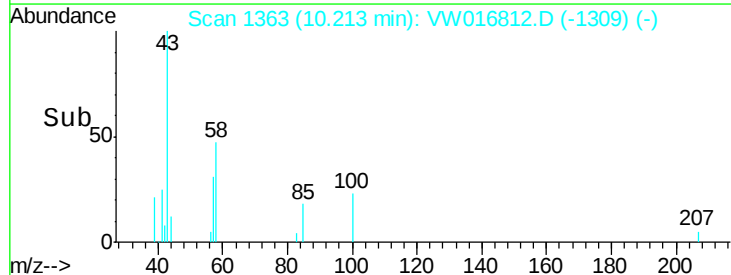
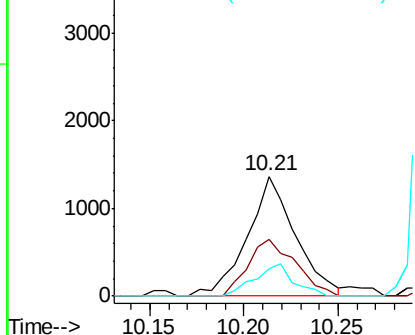


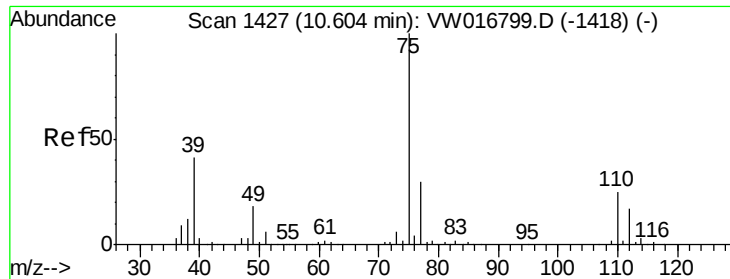
#43
 4-Methyl-2-pentanone
 Concen: 0.847 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW016812.D
 Acq: 06 Oct 2020 23:05

Tgt Ion: 43 Resp: 2413
 Ion Ratio Lower Upper
 43 100
 58 46.4 34.7 52.1
 100 22.2 16.9 25.3



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW
 Ion 100.00 (99.70 to 100.70): V





#45

trans-1,3-Dichloropropene

Concen: 0.424 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016812.D

Acq: 06 Oct 2020 23:05

Instrument :

MSVOA_W

ClientSampleId :

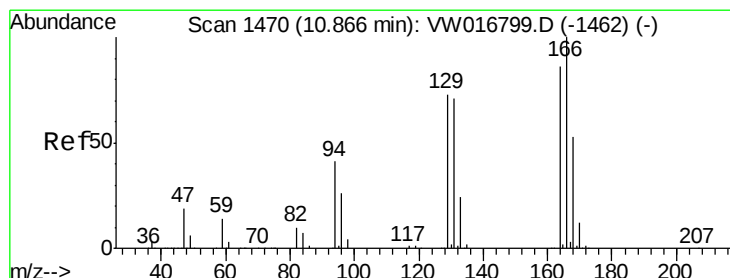
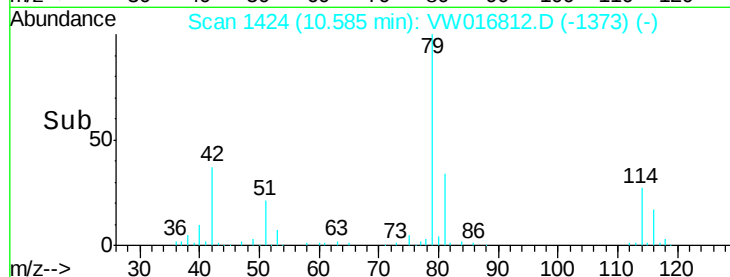
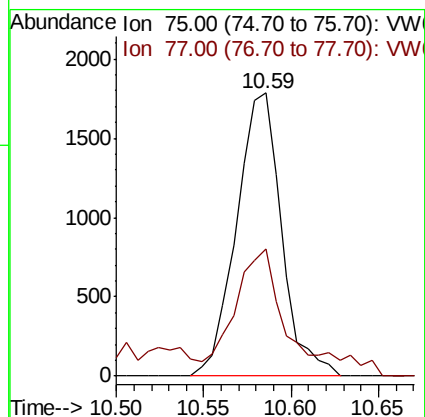
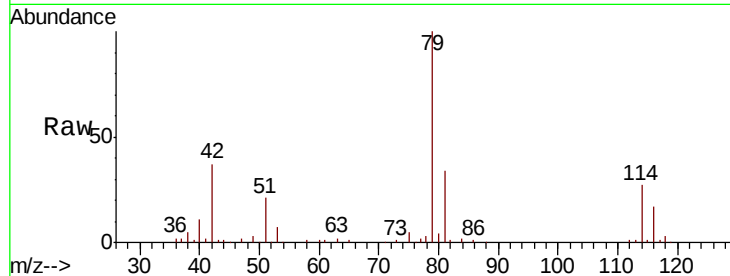
JLWT1

Tot Ion: 75 Resp: 3217

Ion Ratio Lower Upper

75 100

77 44.8 22.2 41.2#



#47

Tetrachloroethene

Concen: 180.318 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016812.D

Acq: 06 Oct 2020 23:05

Tgt Ion:164 Resp: 1182959

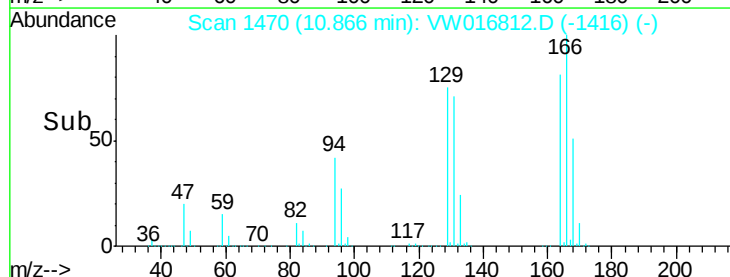
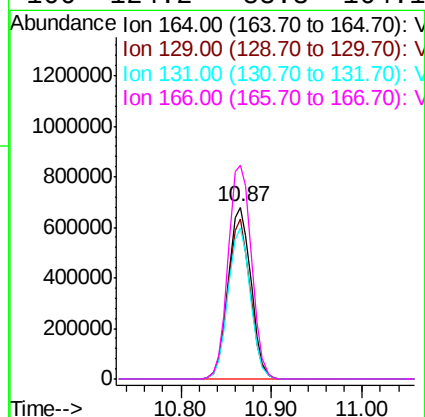
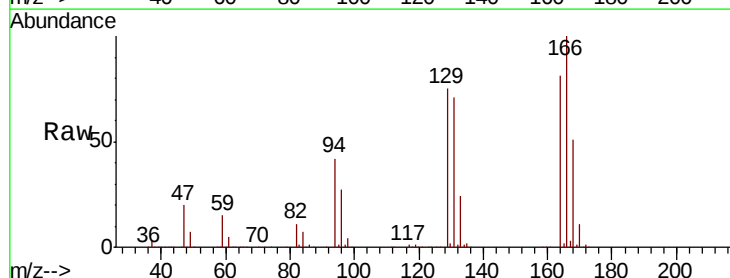
Ion Ratio Lower Upper

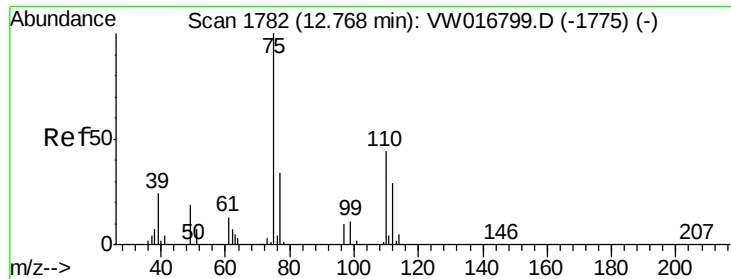
164 100

129 92.7 61.7 114.7

131 87.9 59.7 110.9

166 124.2 88.3 164.1





#59

1,2,3-Trichloropropane

Concen: 5.182 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016812.D

Acq: 06 Oct 2020 23:05

Instrument :

MSVOA_W

ClientSampleId :

JLWT1

Tot Ion: 75 Resp: 19077

Ion Ratio Lower Upper

75 100

77 38.5 26.2 39.2

