

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111320\
 Data File : VW017216.D
 Acq On : 13 Nov 2020 16:36
 Operator : SY/VA
 Sample : L4710-22
 Misc : 4.21G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AY7

Quant Time: Nov 16 14:16:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 11:48:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	418793	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	346633	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115423	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104927	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.56%
7) Chloroethane-d5	2.89	69	91175	22.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.72%
10) 1,1-Dichloroethene-d2	4.02	63	151876	16.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.40%
20) 2-Butanone-d5	7.08	46	26395	22.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.76%
24) Chloroform-d	7.65	84	224044	22.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.68%
26) 1,2-Dichloroethane-d4	8.31	65	111120	22.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.44%
29) Benzene-d6	8.28	84	433115	24.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.16%
33) 1,2-Dichloropropane-d6	9.27	67	119812	24.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.16%
37) Toluene-d8	10.33	98	396548	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.28%
38) trans-1,3-Dichloropropene-	10.58	79	36995	16.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.24%
39) 2-Hexanone-d5	10.93	63	20392	23.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78404	18.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	89554	22.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.08%

Target Compounds

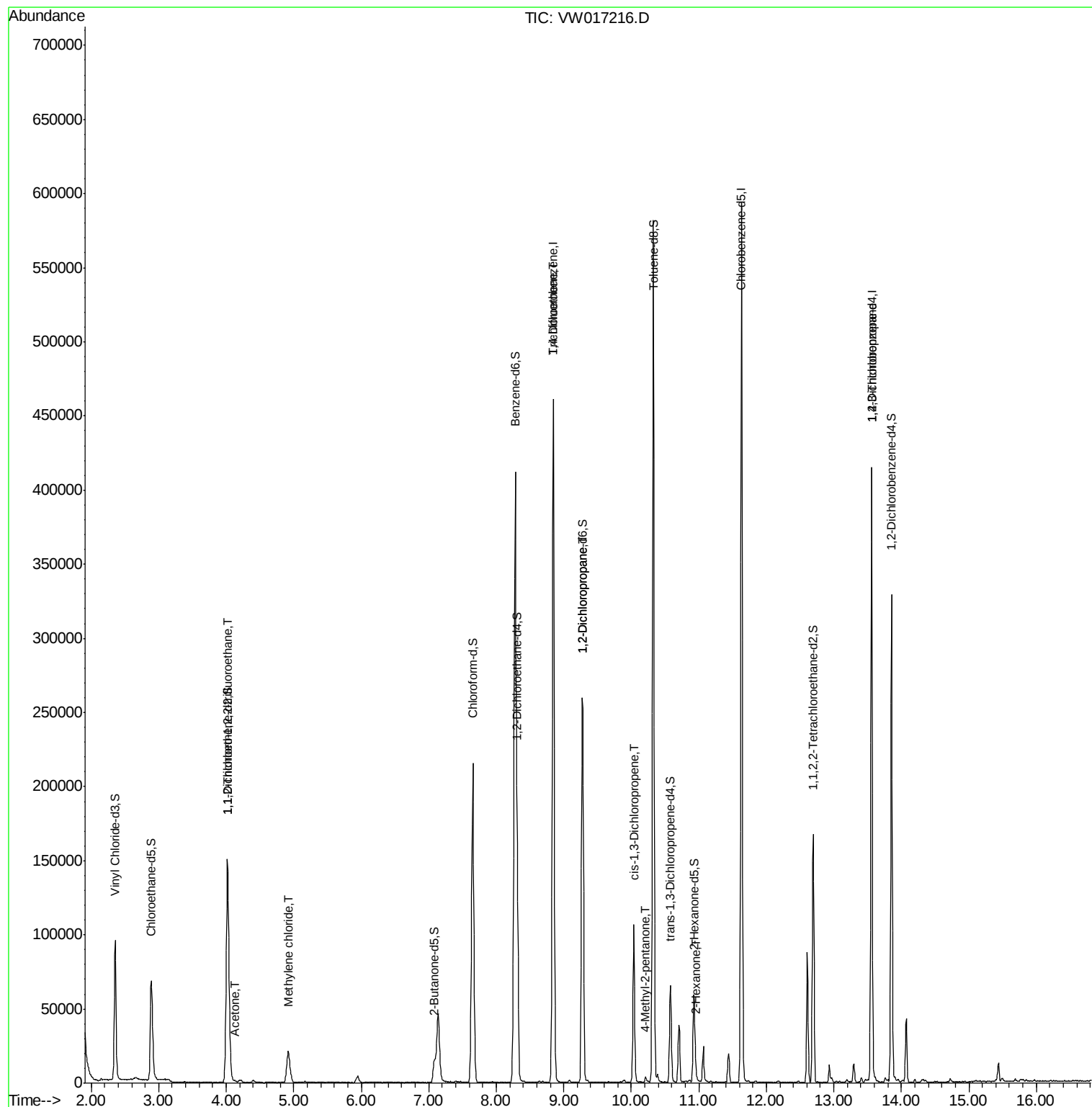
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1591	0.294 ug/L #	17
13) Acetone	4.13	43	1515	1.918 ug/L	65
16) Methylene chloride	4.92	84	18980	3.362 ug/L	92
35) Trichloroethene	8.84	95	12225	2.398 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	14152	3.326 ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	3237	0.480 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	2469	0.941 ug/L #	90
49) 2-Hexanone	10.96	43	2257	1.426 ug/L #	35
59) 1,2,3-Trichloropropane	13.56	75	12389	4.067 ug/L	94

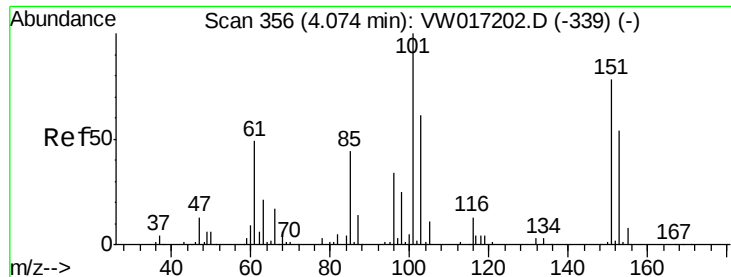
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 16 11:48:24 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.294 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.06 min

Lab File: VW017216.D

Acq: 13 Nov 2020 16:36

Instrument :

MSVOA_W

ClientSampleId :

C0AY7

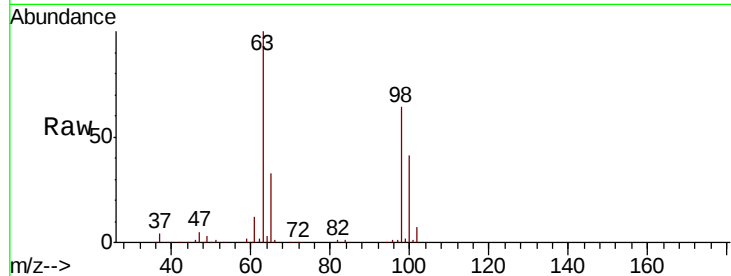
Tot Ion: 101 Resp: 1591

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

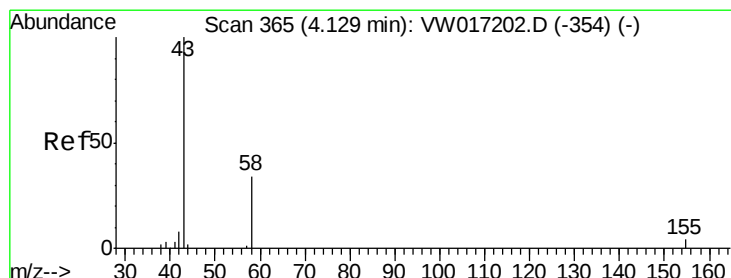
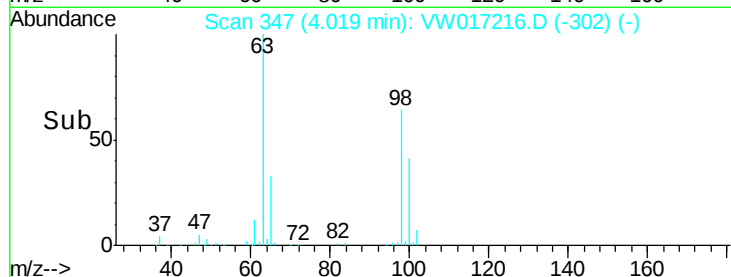
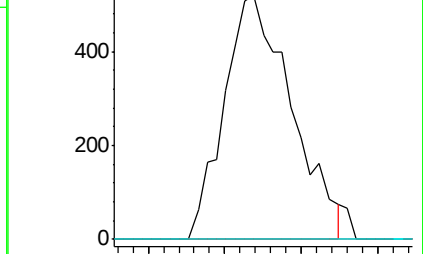
151 0.0 65.4 98.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.918 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017216.D

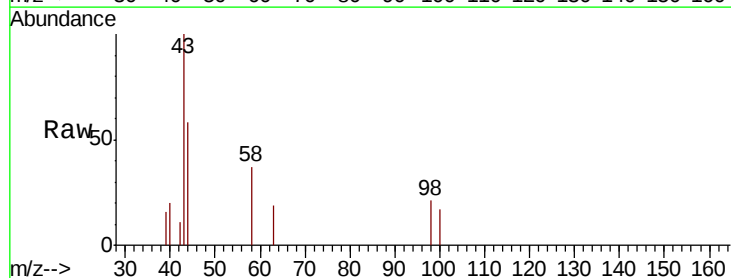
Acq: 13 Nov 2020 16:36

Tgt Ion: 43 Resp: 1515

Ion Ratio Lower Upper

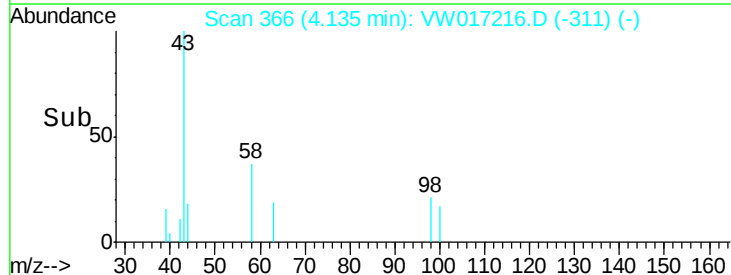
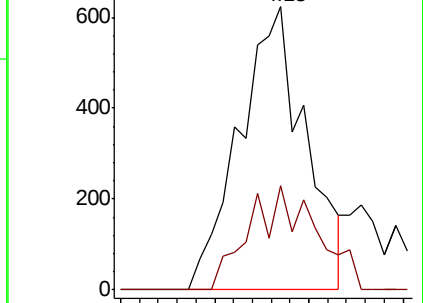
43 100

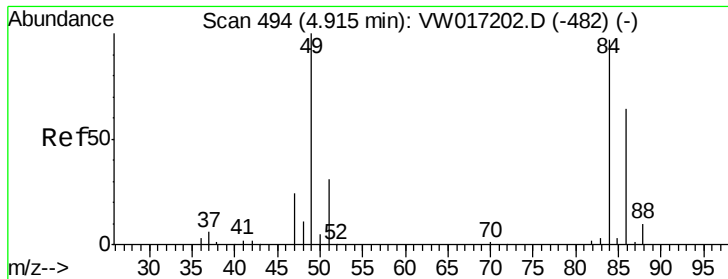
58 14.2 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

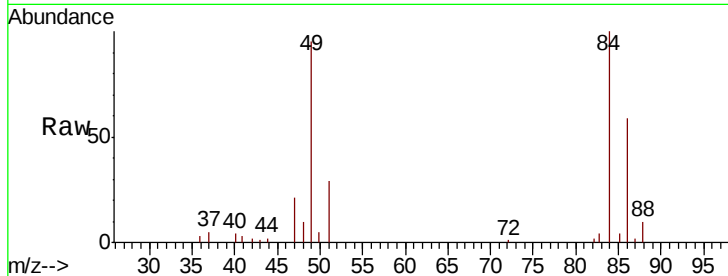




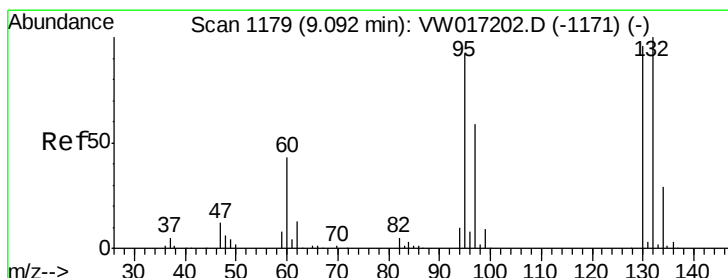
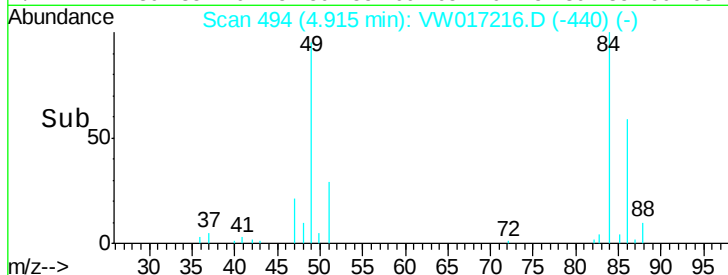
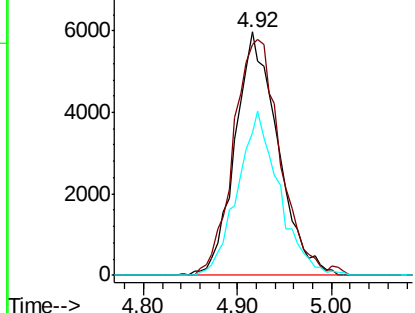
#16
Methylene chloride
Concen: 3.362 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW017216.D
Acq: 13 Nov 2020 16:36

Instrument :
MSVOA_W
ClientSampleId :
C0AY7

Tot Ion: 84 Resp: 18980
Ion Ratio Lower Upper
84 100
49 94.6 72.3 134.3
86 58.7 45.1 83.7

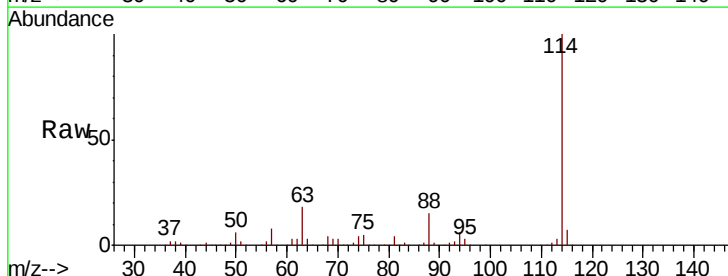


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

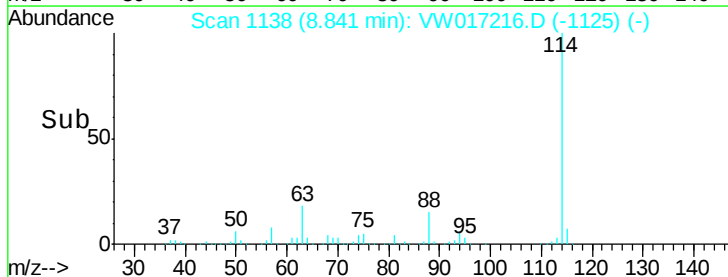
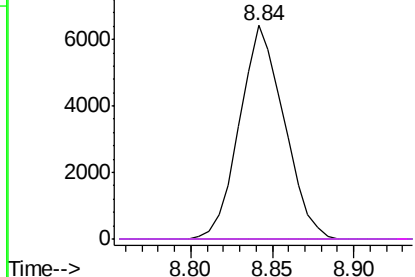


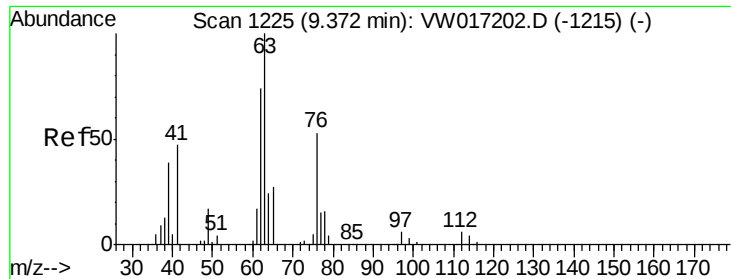
#35
Trichloroethene
Concen: 2.398 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW017216.D
Acq: 13 Nov 2020 16:36

Tgt Ion: 95 Resp: 12225
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.0 73.7 136.9#
130 0.0 77.1 143.1#



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





#40

1,2-Dichloropropane

Concen: 3.326 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017216.D

Acq: 13 Nov 2020 16:36

Instrument :

MSVOA_W

ClientSampled :

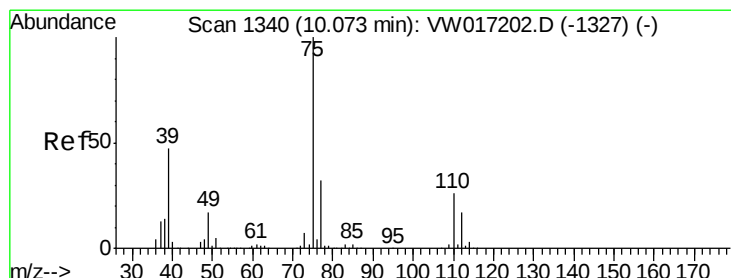
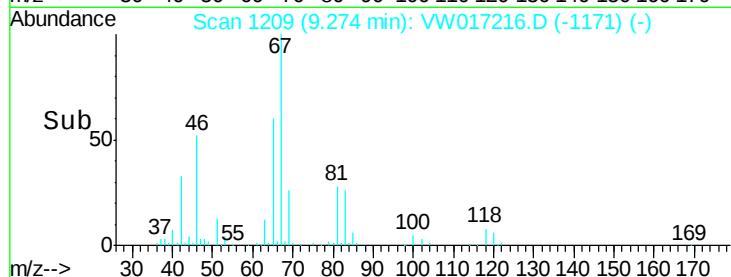
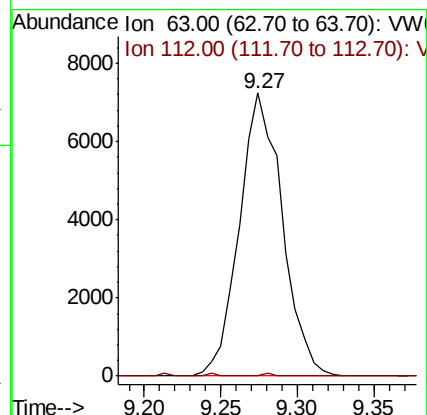
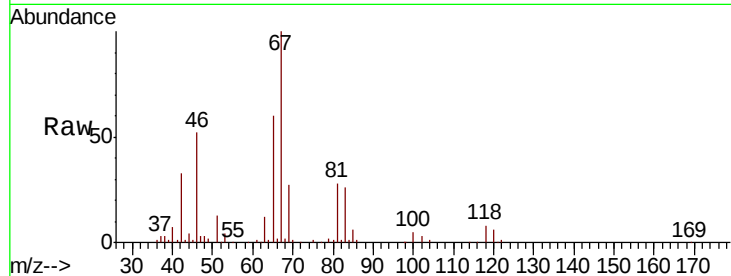
C0AY7

Tot Ion: 63 Resp: 14152

Ion Ratio Lower Upper

63 100

112 0.2 4.2 6.2#



#42

cis-1,3-Dichloropropene

Concen: 0.480 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW017216.D

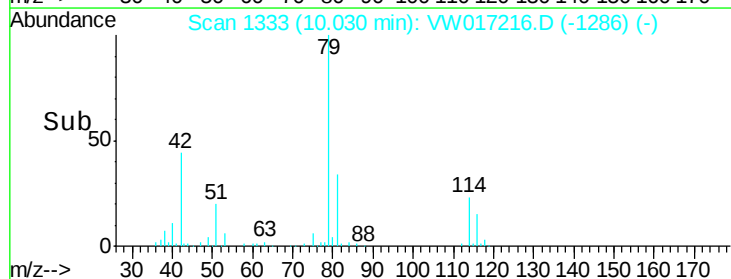
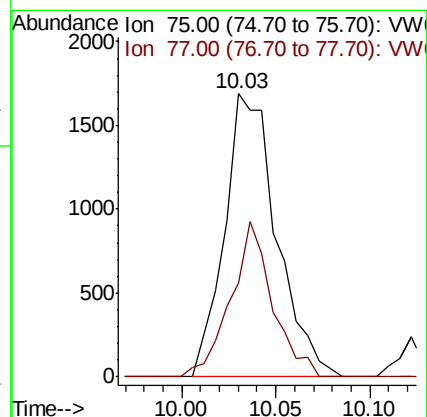
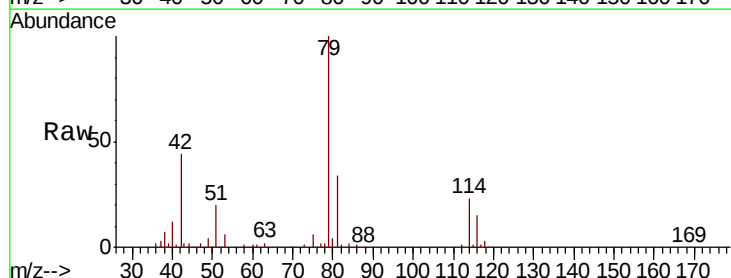
Acq: 13 Nov 2020 16:36

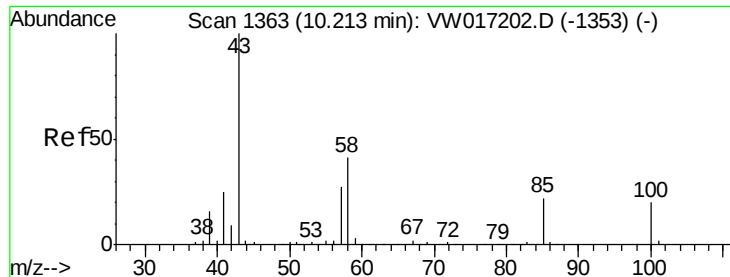
Tgt Ion: 75 Resp: 3237

Ion Ratio Lower Upper

75 100

77 33.1 22.0 41.0

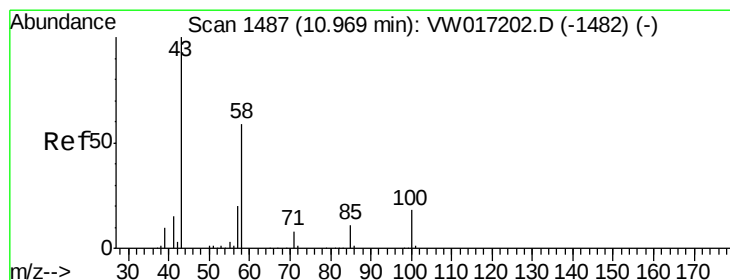
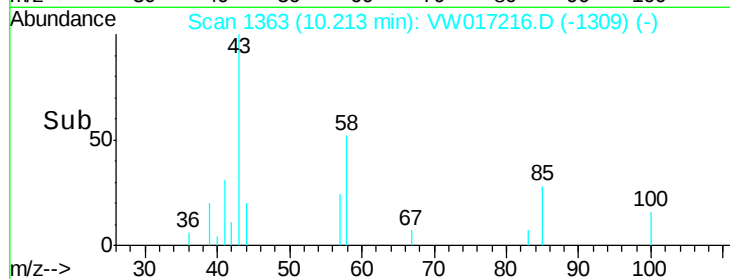
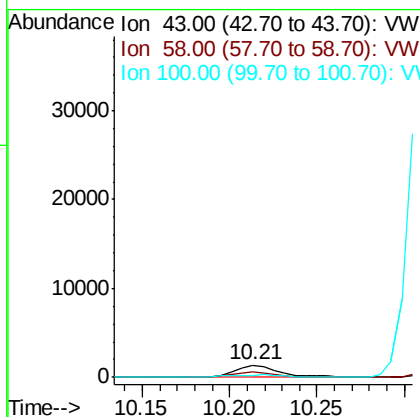
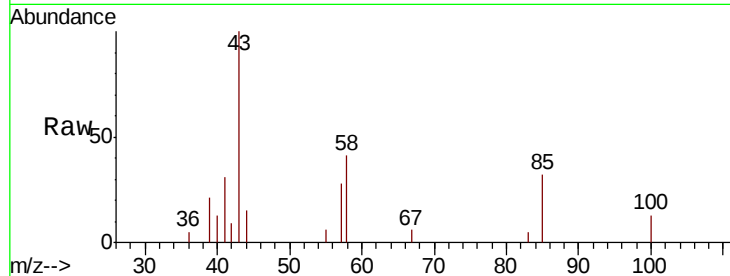




#43
4-Methyl-2-pentanone
Concen: 0.941 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW017216.D
Acq: 13 Nov 2020 16:36

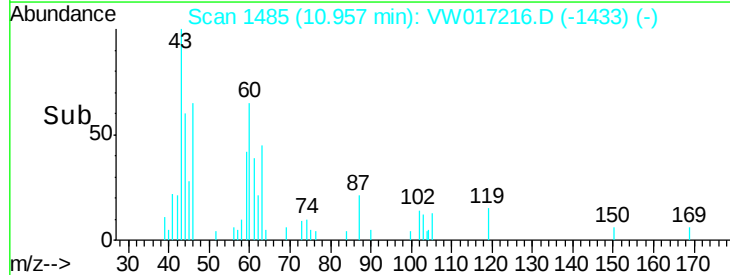
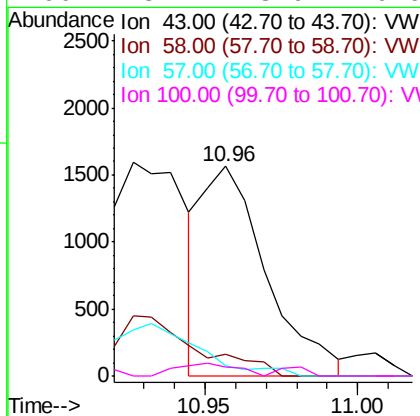
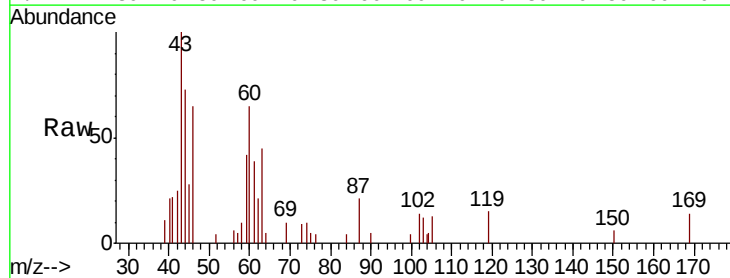
Instrument :
MSVOA_W
ClientSampled :
C0AY7

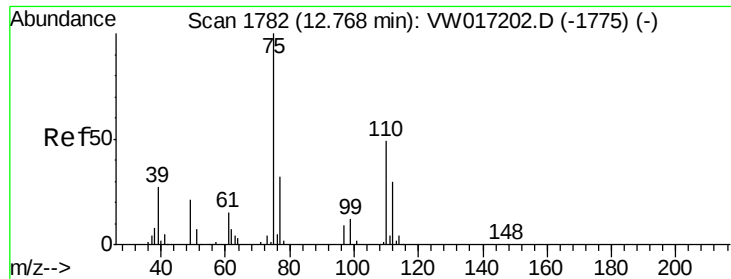
Tot Ion: 43 Resp: 2469
Ion Ratio Lower Upper
43 100
58 40.9 35.0 52.6
100 11.0 16.6 24.8#



#49
2-Hexanone
Concen: 1.426 ug/L
RT: 10.96 min Scan# 1485
Delta R.T. -0.01 min
Lab File: VW017216.D
Acq: 13 Nov 2020 16:36

Tgt Ion: 43 Resp: 2257
Ion Ratio Lower Upper
43 100
58 0.0 50.6 75.8#
57 0.0 17.8 26.6#
100 5.7 13.9 20.9#





#59

1,2,3-Trichloropropane

Concen: 4.067 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017216.D

Acq: 13 Nov 2020 16:36

Instrument :

MSVOA_W

ClientSampleId :

C0AY7

Tot Ion: 75 Resp: 12389

Ion Ratio Lower Upper

75 100

77 36.6 26.4 39.6

