

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111520\
 Data File : VW017230.D
 Acq On : 15 Nov 2020 12:08
 Operator : SY/VA
 Sample : L4727-11
 Misc : 3.80G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AC6

Quant Time: Nov 16 09:55:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 09:47:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	449225	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	375100	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	148312	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	118383	20.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.68%
7) Chloroethane-d5	2.89	69	102902	23.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.40%
10) 1,1-Dichloroethene-d2	4.02	63	163526	16.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.64%
20) 2-Butanone-d5	7.09	46	41770	33.01	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.02%
24) Chloroform-d	7.65	84	245506	23.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.64%
26) 1,2-Dichloroethane-d4	8.31	65	119387	22.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.60%
29) Benzene-d6	8.28	84	482003	25.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.92%
33) 1,2-Dichloropropane-d6	9.28	67	133761	25.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.28%
37) Toluene-d8	10.33	98	436425	24.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.92%
38) trans-1,3-Dichloropropene-	10.58	79	49490	20.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.12%
39) 2-Hexanone-d5	10.93	63	34373	37.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95381	20.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	128960	24.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.72%

Target Compounds

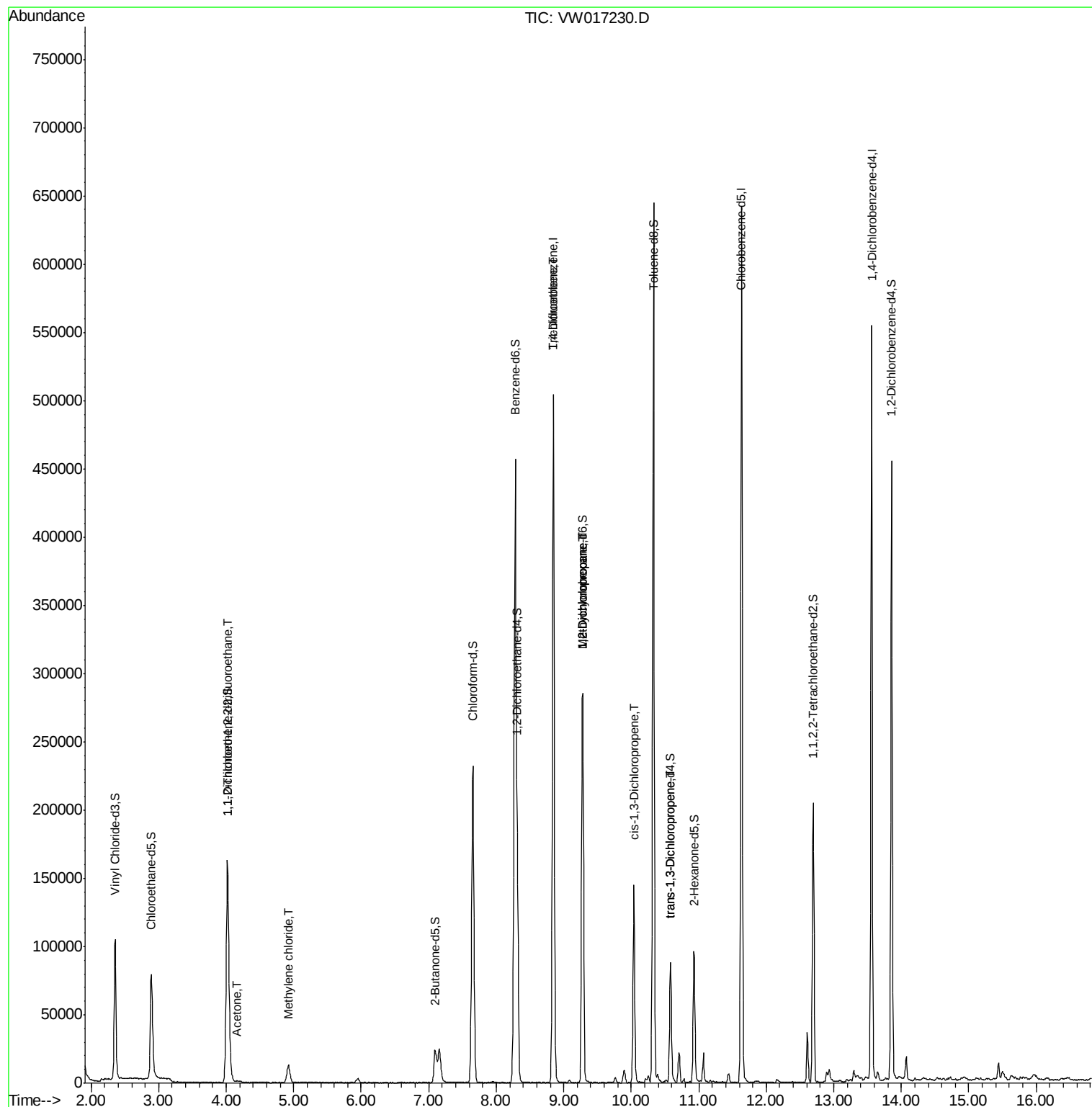
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1773	0.306 ug/L #	17
13) Acetone	4.17	43	1393	1.644 ug/L	94
16) Methylene chloride	4.93	84	11194	1.848 ug/L	96
35) Trichloroethene	8.85	95	13352	2.420 ug/L #	2
36) Methylcyclohexane	9.28	83	34807	3.920 ug/L #	22
40) 1,2-Dichloropropane	9.28	63	15472	3.360 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3712	0.509 ug/L #	52
45) trans-1,3-Dichloropropene	10.58	75	2276	0.363 ug/L #	80

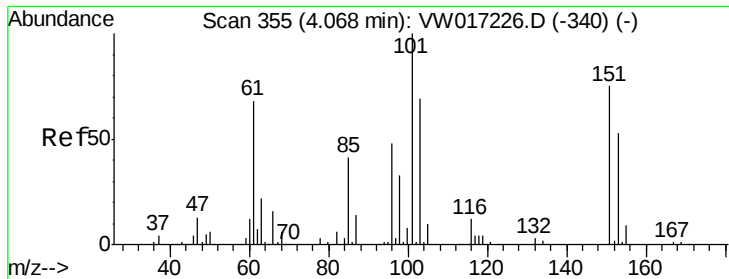
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111520\
Data File : VW017230.D
Acq On : 15 Nov 2020 12:08
Operator : SY/VA
Sample : L4727-11
Misc : 3.80G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC6

Quant Time: Nov 16 09:55:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 16 09:47:42 2020
Response via : Initial Calibration





#11

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

Concen: 0.306 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW017230.D

Acq: 15 Nov 2020 12:08

Instrument :

MSVOA_W

ClientSampled :

C0AC6

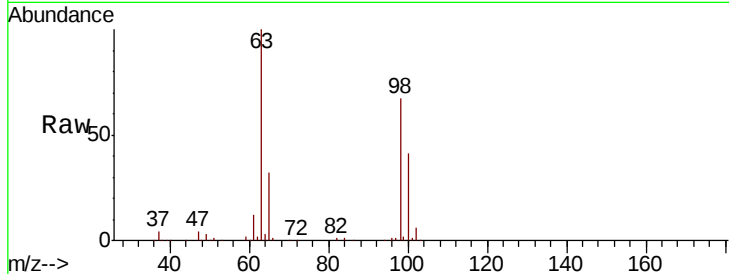
Tot Ion:101 Resp: 1773

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

4.02

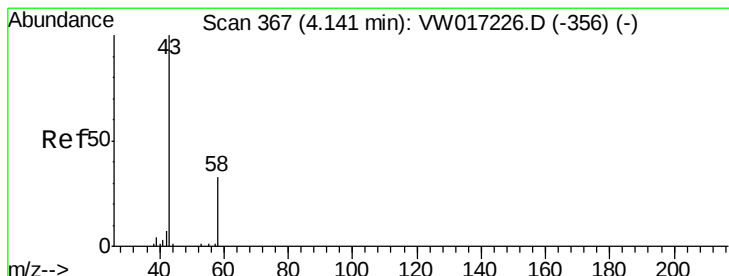
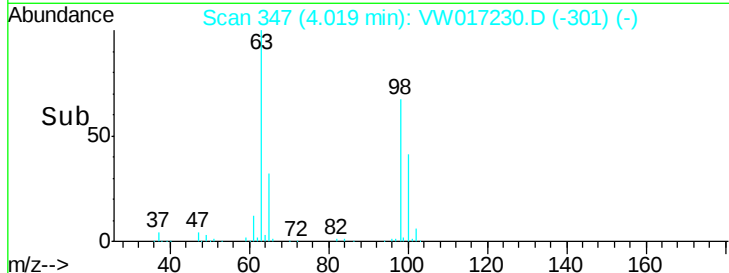
600

400

200

0

Time-->



#13

Acetone

Concen: 1.644 ug/L

RT: 4.17 min Scan# 371

Delta R.T. 0.02 min

Lab File: VW017230.D

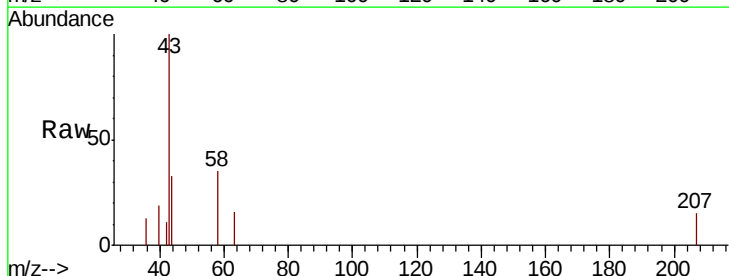
Acq: 15 Nov 2020 12:08

Tgt Ion: 43 Resp: 1393

Ion Ratio Lower Upper

43 100

58 38.3 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.17

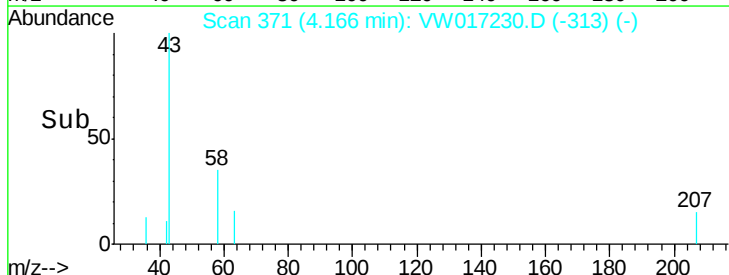
600

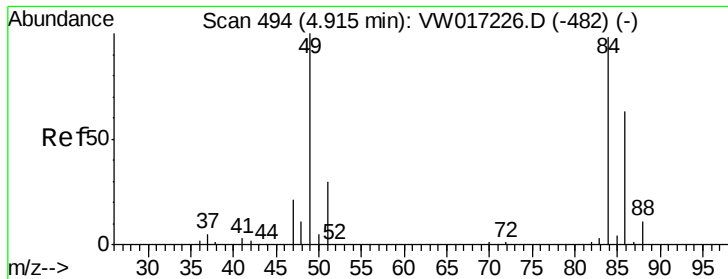
400

200

0

Time-->

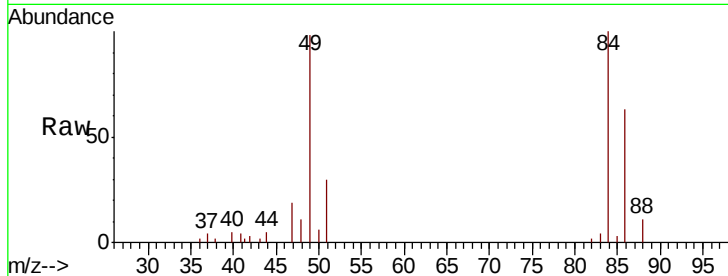




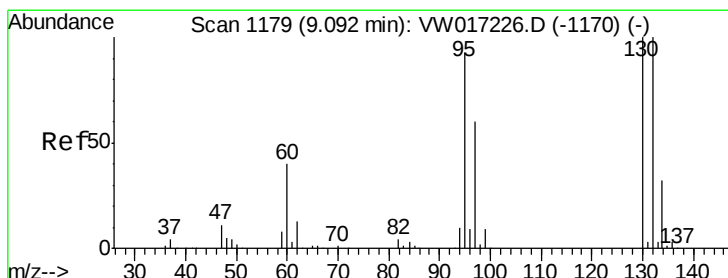
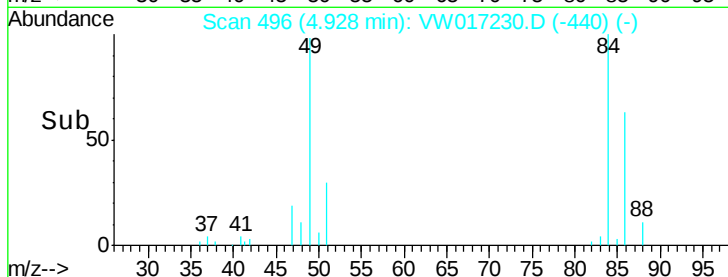
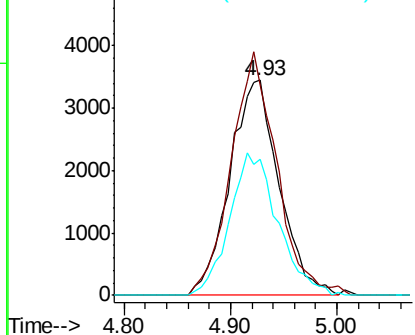
#16
Methvlene chloride
Concen: 1.848 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017230.D
Acq: 15 Nov 2020 12:08

Instrument :
MSVOA_W
ClientSampled :
C0AC6

Tot Ion: 84 Resp: 11194
Ion Ratio Lower Upper
84 100
49 97.8 72.3 134.3
86 63.3 45.1 83.7

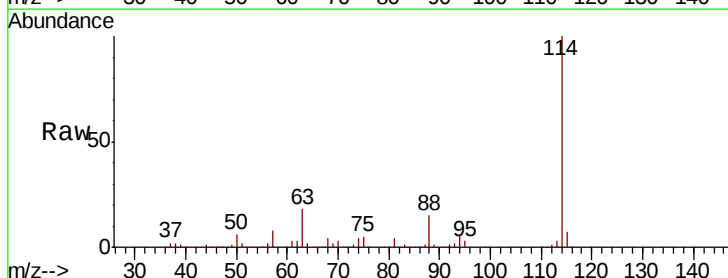


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

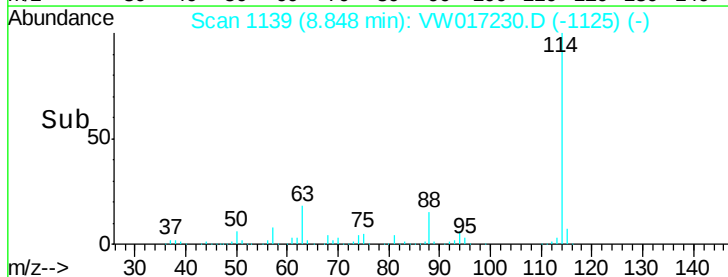
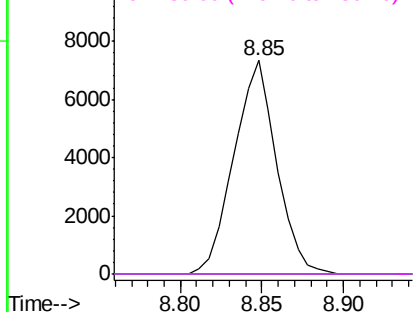


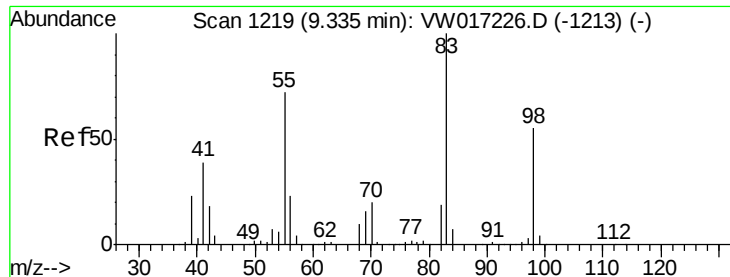
#35
Trichloroethene
Concen: 2.420 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW017230.D
Acq: 15 Nov 2020 12:08

Tgt Ion: 95 Resp: 13352
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

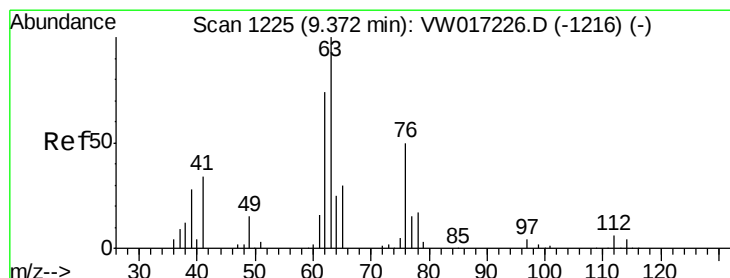
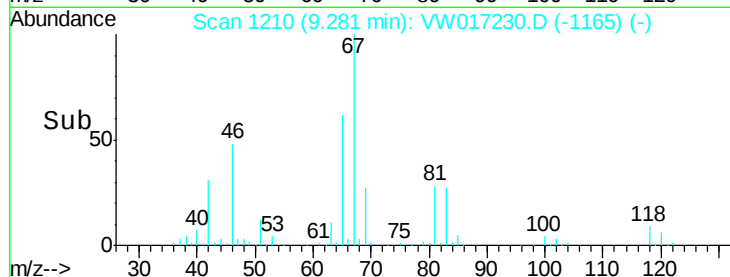
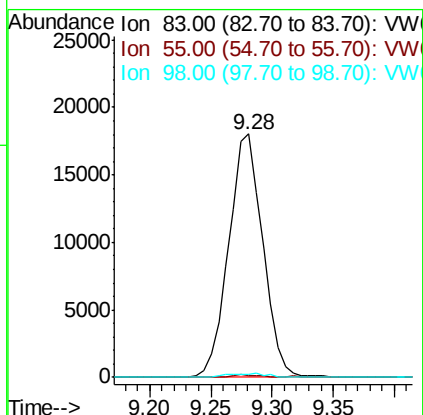
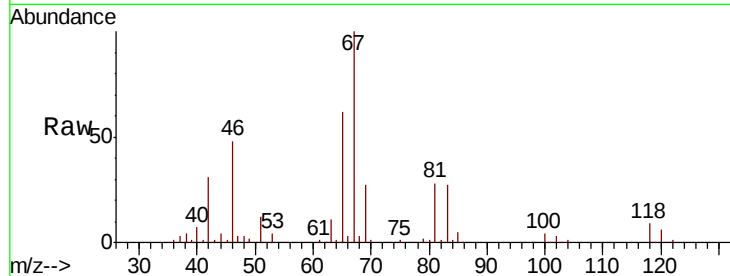




#36
Methvlcvclohexane
Concen: 3.920 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW017230.D
Acq: 15 Nov 2020 12:08

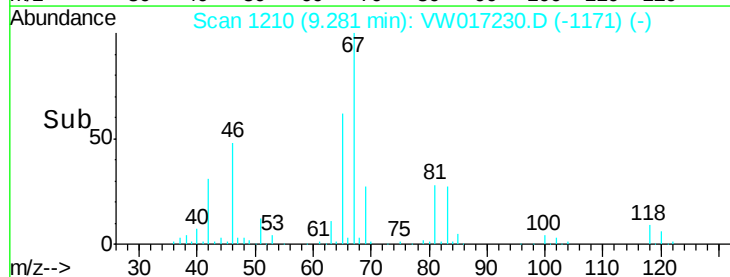
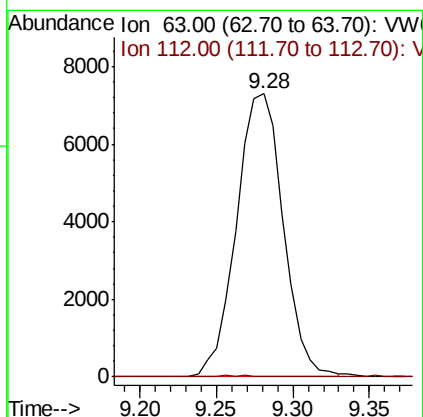
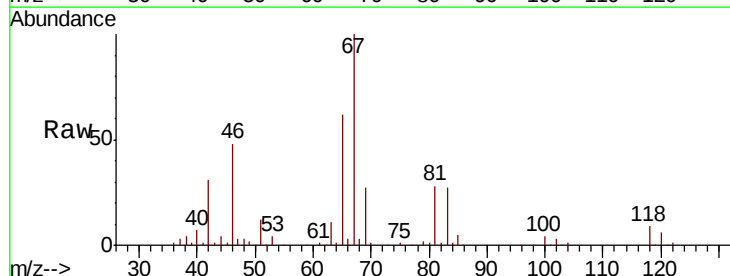
Instrument :
MSVOA_W
ClientSampleId :
C0AC6

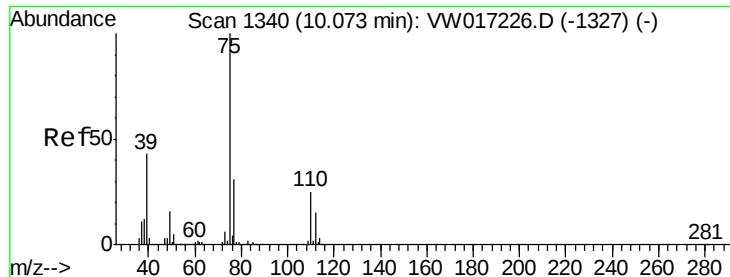
Tot Ion: 83 Resp: 34807
Ion Ratio Lower Upper
83 100
55 0.5 54.4 81.6#
98 1.1 40.5 60.7#



#40
1,2-Dichloropropane
Concen: 3.360 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW017230.D
Acq: 15 Nov 2020 12:08

Tgt Ion: 63 Resp: 15472
Ion Ratio Lower Upper
63 100
112 0.1 4.2 6.2#





#42

cis-1,3-Dichloropropene

Concen: 0.509 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017230.D

Acq: 15 Nov 2020 12:08

Instrument :

MSVOA_W

ClientSampled :

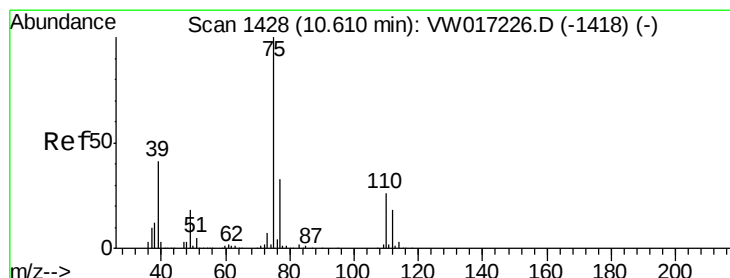
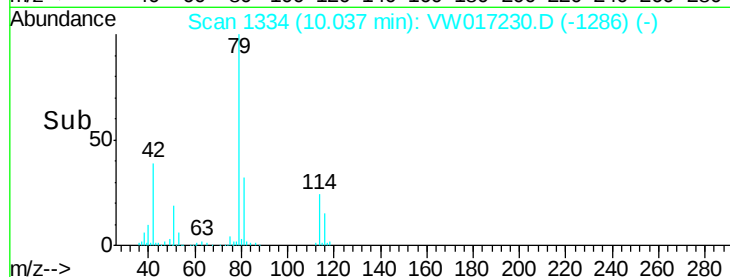
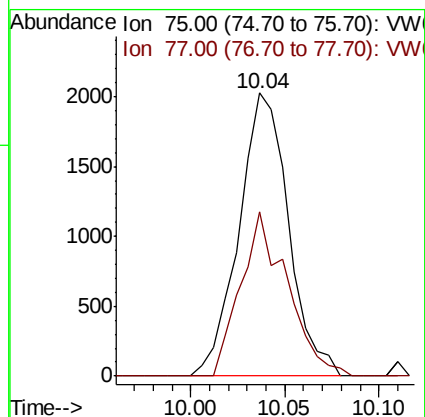
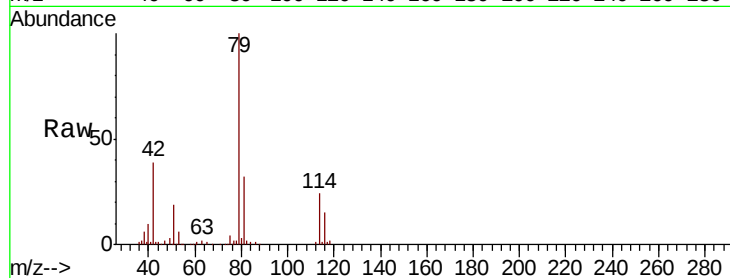
C0AC6

Tot Ion: 75 Resp: 3712

Ion Ratio Lower Upper

75 100

77 57.9 22.0 41.0#



#45

trans-1,3-Dichloropropene

Concen: 0.363 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017230.D

Acq: 15 Nov 2020 12:08

Tgt Ion: 75 Resp: 2276

Ion Ratio Lower Upper

75 100

77 42.7 22.1 41.1#

