

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111520\
 Data File : VW017232.D
 Acq On : 15 Nov 2020 12:55
 Operator : SY/VA
 Sample : L4727-12
 Misc : 5.15G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AC7

Quant Time: Nov 16 09:55:42 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	442126	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	320481	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	78303	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123850	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.96%
7) Chloroethane-d5	2.89	69	107986	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.64%
10) 1,1-Dichloroethene-d2	4.02	63	167451	16.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.24%
20) 2-Butanone-d5	7.09	46	35742	28.70	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.40%
24) Chloroform-d	7.65	84	249259	24.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	8.31	65	115288	22.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.88%
29) Benzene-d6	8.28	84	489034	29.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.84%
33) 1,2-Dichloropropane-d6	9.27	67	134447	29.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.12%
37) Toluene-d8	10.33	98	433783	28.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.76%
38) trans-1,3-Dichloropropene-	10.58	79	42415	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.36%
39) 2-Hexanone-d5	10.93	63	27695	35.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	79727	20.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	73010	26.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.84%

Target Compounds

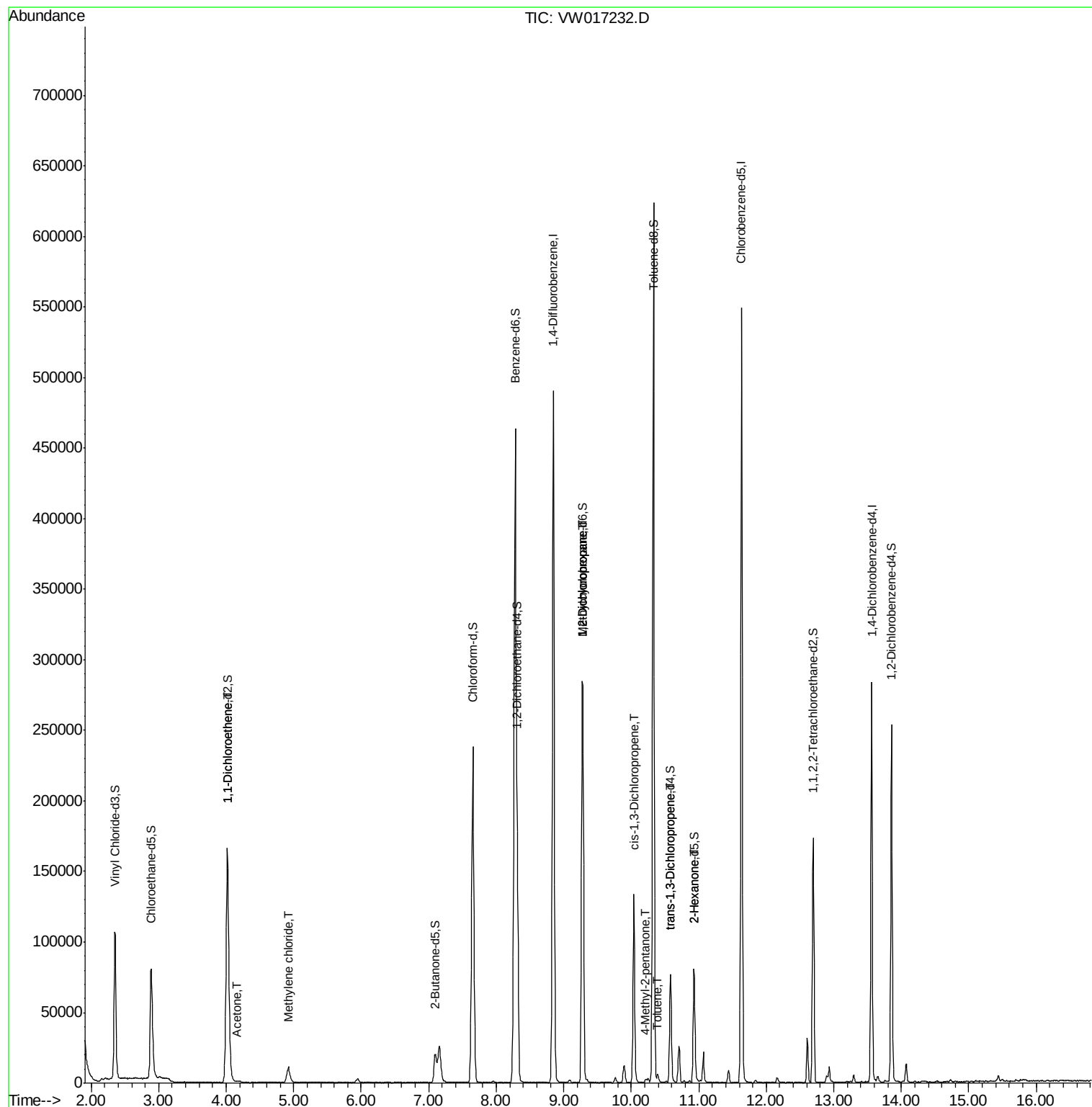
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.01	96	1567	0.286	ug/L #	1
13) Acetone	4.16	43	594	0.712	ug/L	75
16) Methylene chloride	4.92	84	9502	1.594	ug/L	94
36) Methylcyclohexane	9.28	83	34753	4.582	ug/L #	22
40) 1,2-Dichloropropane	9.28	63	15693	3.989	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3790	0.608	ug/L #	52
43) 4-Methyl-2-pentanone	10.22	43	1922	0.792	ug/L #	85
44) Toluene	10.39	91	4291	0.232	ug/L	98
45) trans-1,3-Dichloropropene	10.58	75	1969	0.368	ug/L	98
49) 2-Hexanone	10.93	43	4377	2.991	ug/L #	60

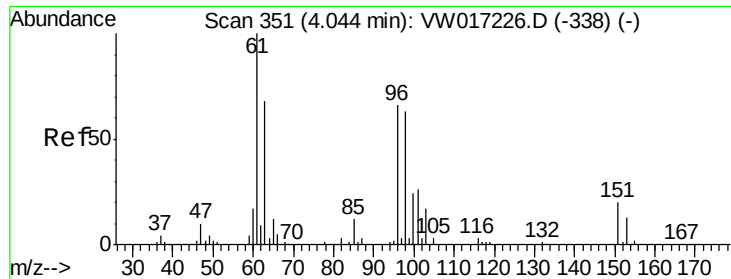
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111520\
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Quant Title : VOC Analysis
QLast Update : Mon Nov 16 09:47:42 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.286 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.03 min

Lab File: VW017232.D

Acq: 15 Nov 2020 12:55

Instrument :

MSVOA_W

ClientSampleId :

C0AC7

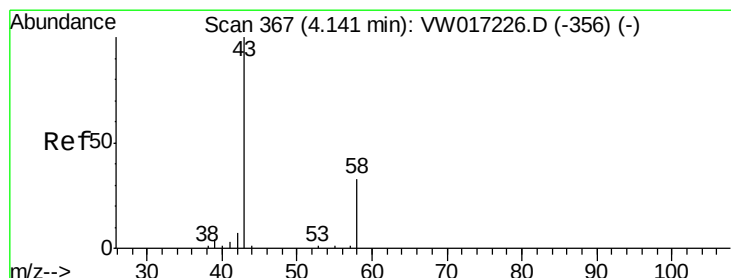
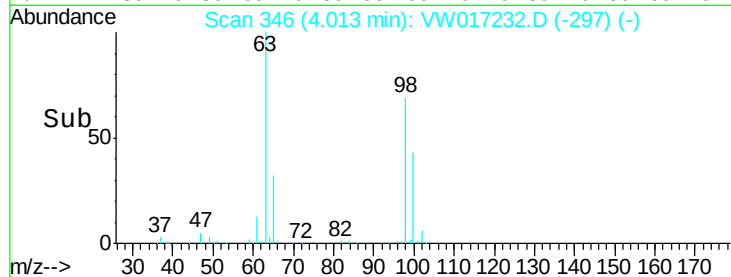
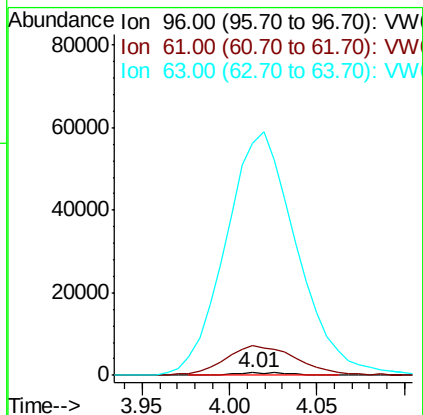
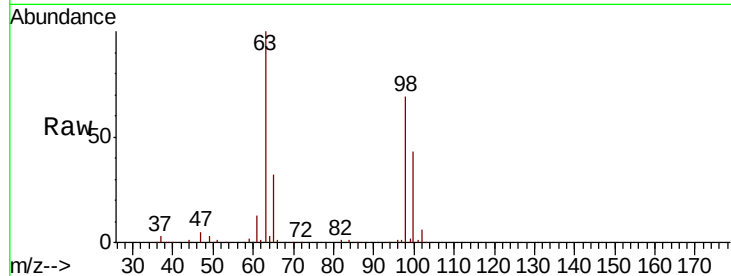
Tot Ion: 96 Resp: 1567

Ion Ratio Lower Upper

96 100

61 1184.1 103.8 192.8#

63 9219.0 84.4 156.7#



#13

Acetone

Concen: 0.712 ug/L

RT: 4.16 min Scan# 370

Delta R.T. 0.02 min

Lab File: VW017232.D

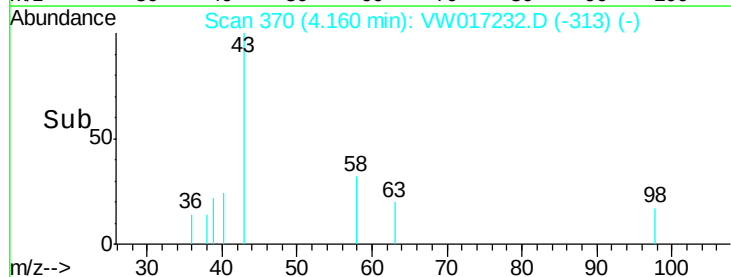
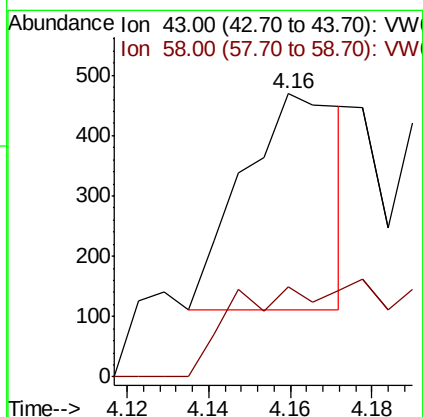
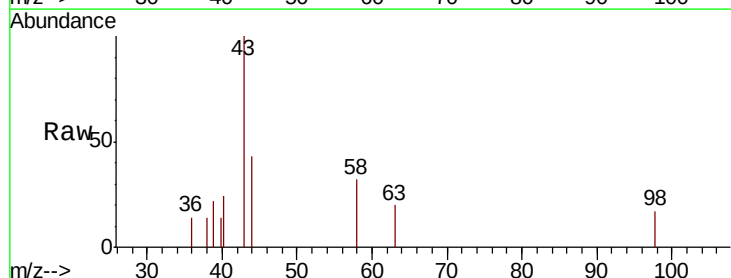
Acq: 15 Nov 2020 12:55

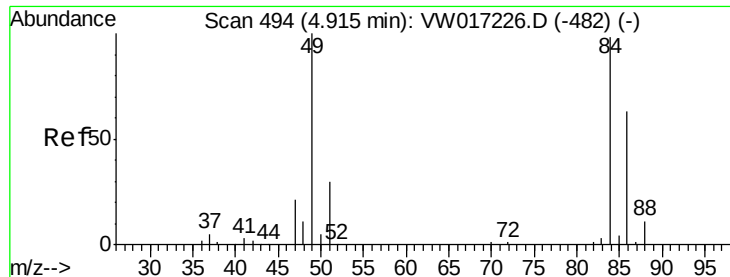
Tgt Ion: 43 Resp: 594

Ion Ratio Lower Upper

43 100

58 20.0 0.0 69.2

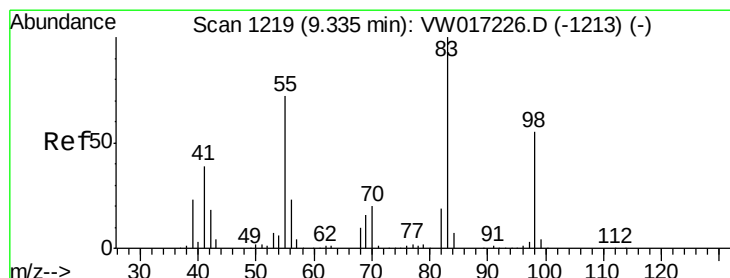
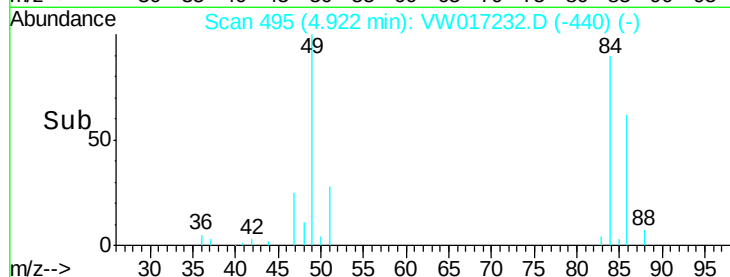
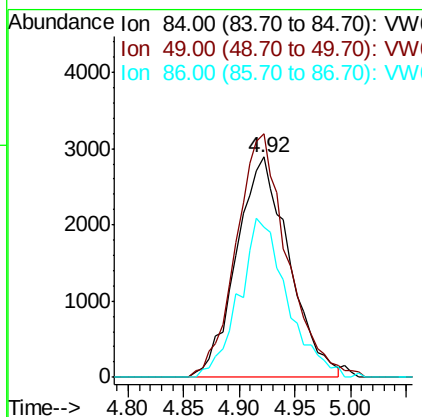
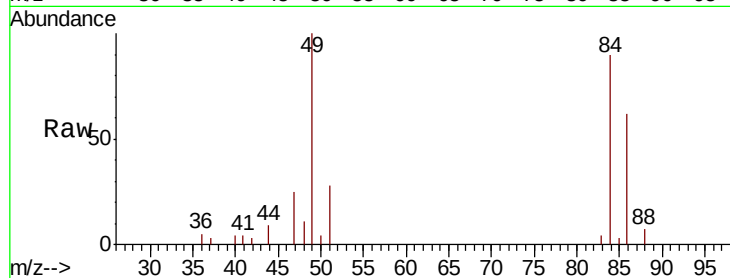




#16
Methylene chloride
Concen: 1.594 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017232.D
Acq: 15 Nov 2020 12:55

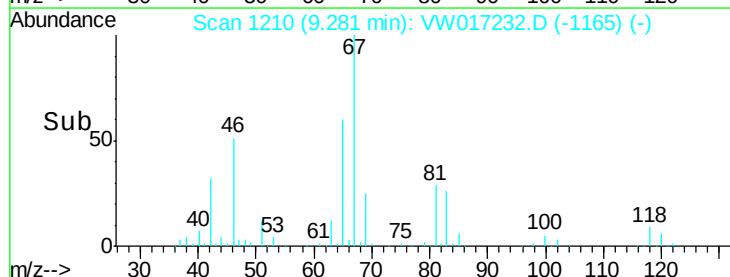
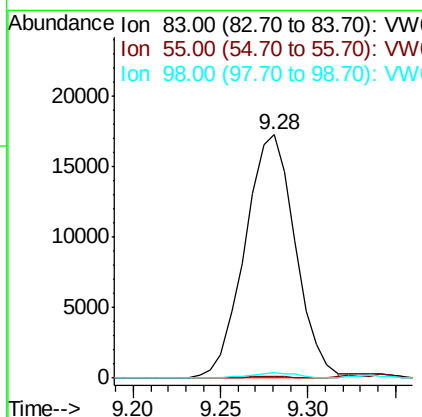
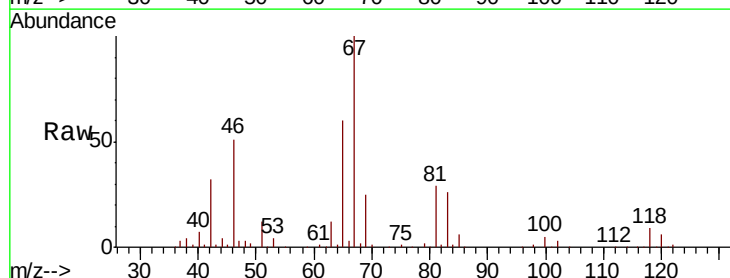
Instrument :
MSVOA_W
ClientSampleId :
C0AC7

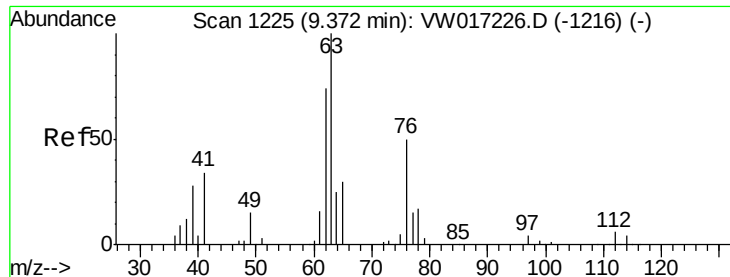
Tot Ion: 84 Resp: 9502
Ion Ratio Lower Upper
84 100
49 110.6 72.3 134.3
86 68.1 45.1 83.7



#36
Methylcyclohexane
Concen: 4.582 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW017232.D
Acq: 15 Nov 2020 12:55

Tgt Ion: 83 Resp: 34753
Ion Ratio Lower Upper
83 100
55 0.2 54.4 81.6#
98 1.9 40.5 60.7#





#40

1,2-Dichloropropane

Concen: 3.989 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW017232.D

Acq: 15 Nov 2020 12:55

Instrument :

MSVOA_W

ClientSampleId :

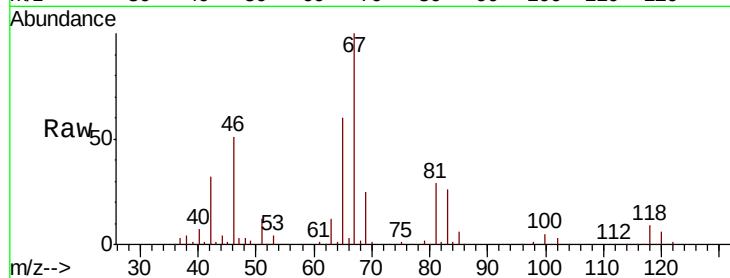
C0AC7

Tot Ion: 63 Resp: 15693

Ion Ratio Lower Upper

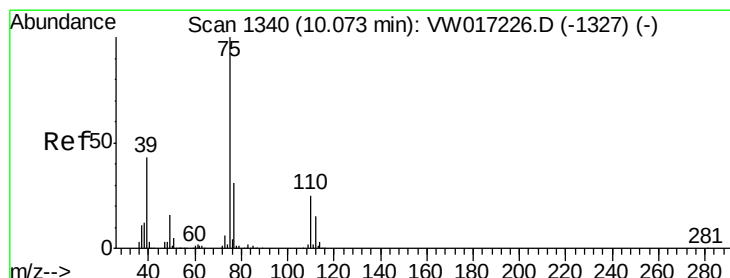
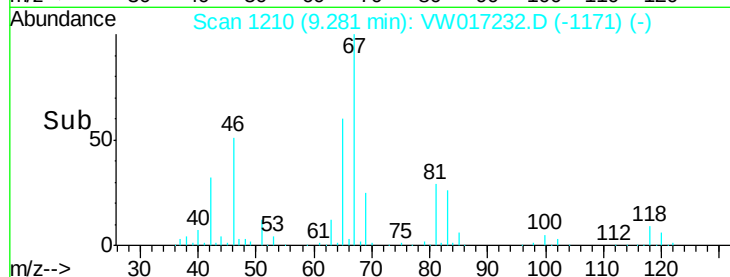
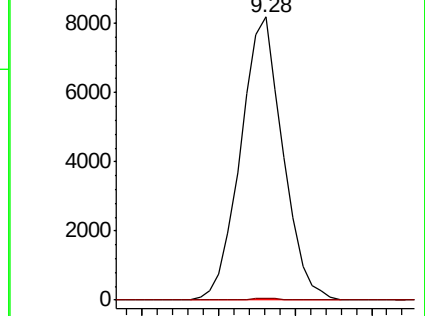
63 100

112 0.4 4.2 6.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.608 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017232.D

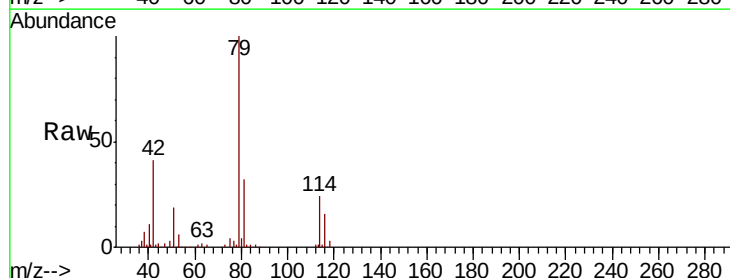
Acq: 15 Nov 2020 12:55

Tgt Ion: 75 Resp: 3790

Ion Ratio Lower Upper

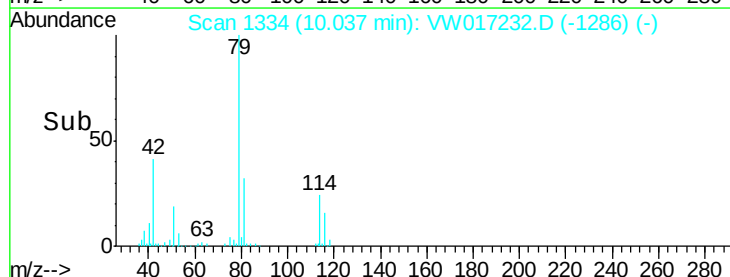
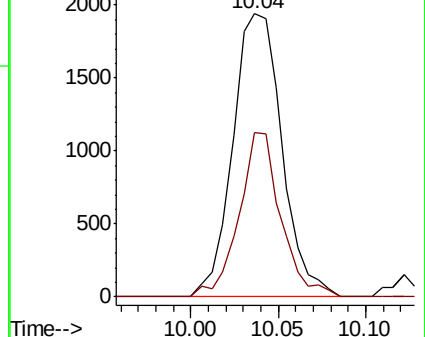
75 100

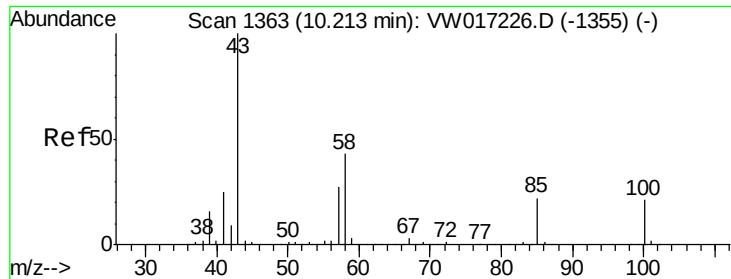
77 57.9 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

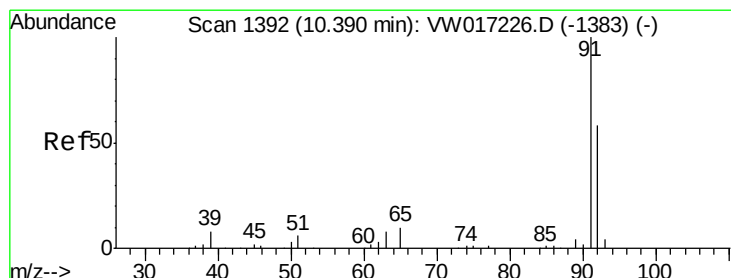
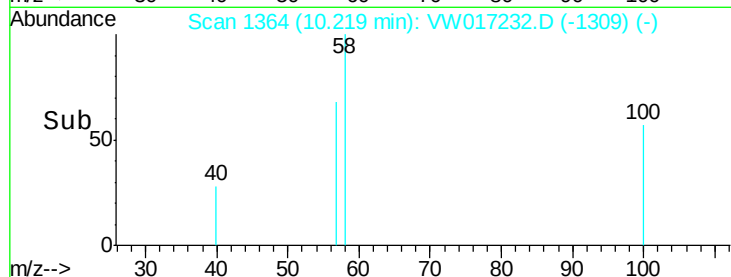
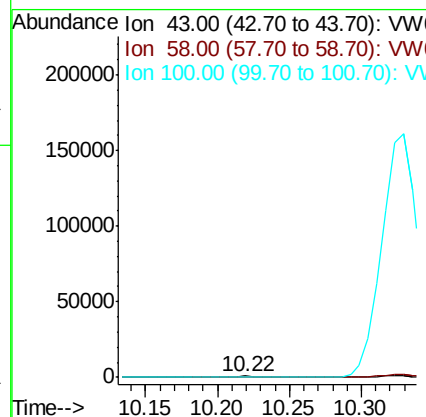
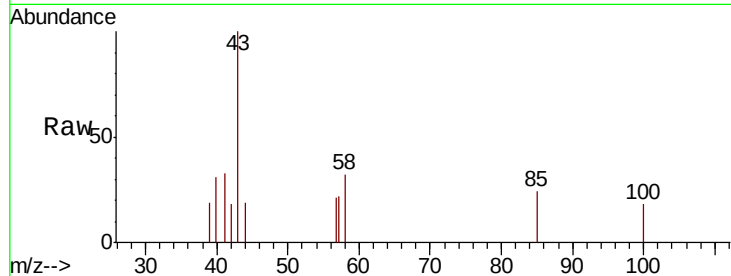




#43
4-Methyl-2-pentanone
Concen: 0.792 ug/L
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW017232.D
Acq: 15 Nov 2020 12:55

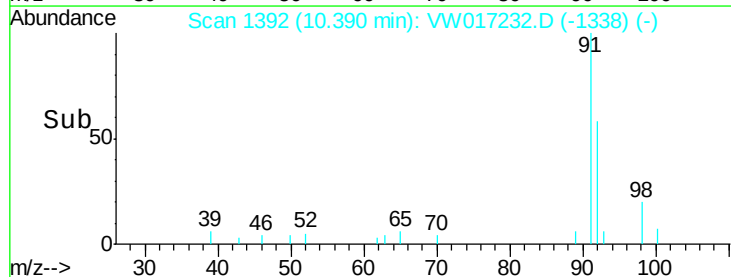
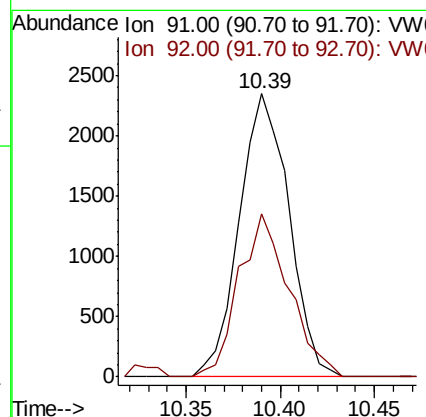
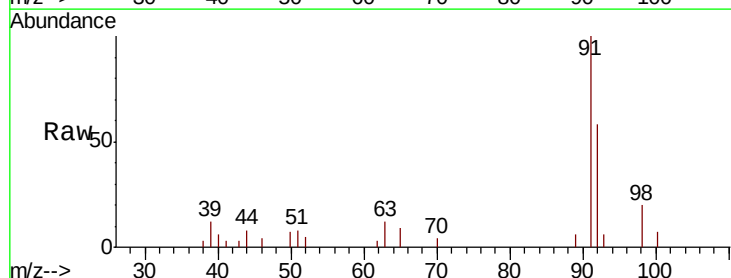
Instrument :
MSVOA_W
ClientSampleId :
C0AC7

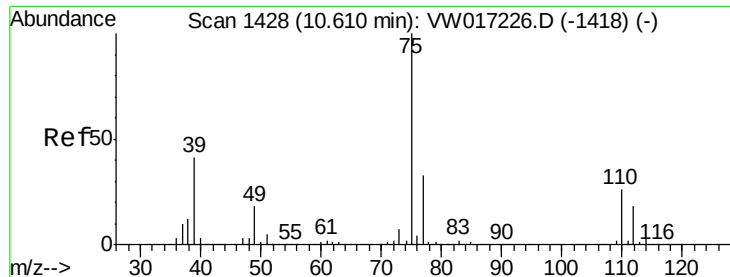
Tot Ion: 43 Resp: 1922
Ion Ratio Lower Upper
43 100
58 32.8 35.0 52.6#
100 15.4 16.6 24.8#



#44
Toluene
Concen: 0.232 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW017232.D
Acq: 15 Nov 2020 12:55

Tgt Ion: 91 Resp: 4291
Ion Ratio Lower Upper
91 100
92 57.5 41.4 76.8





#45

trans-1,3-Dichloropropene

Concen: 0.368 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017232.D

Acq: 15 Nov 2020 12:55

Instrument :

MSVOA_W

ClientSampleId :

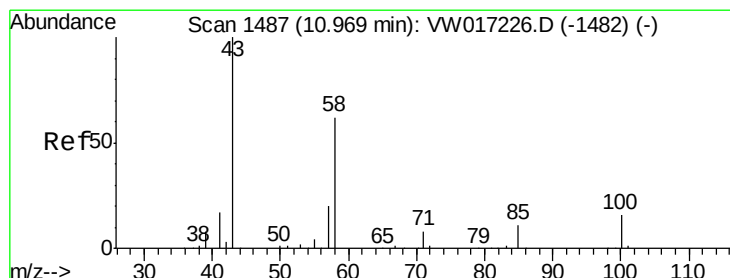
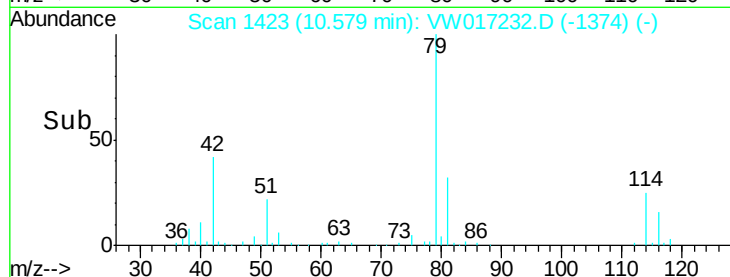
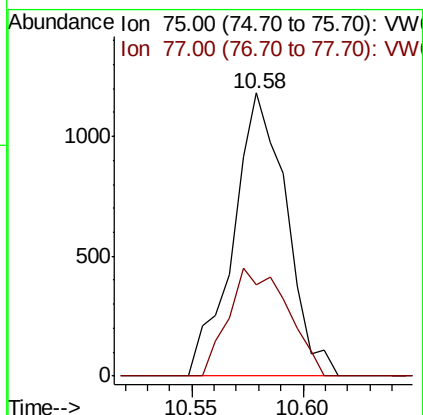
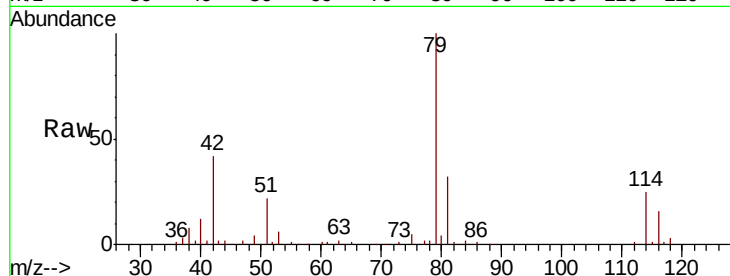
C0AC7

Tot Ion: 75 Resp: 1969

Ion Ratio Lower Upper

75 100

77 32.5 22.1 41.1



#49

2-Hexanone

Concen: 2.991 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW017232.D

Acq: 15 Nov 2020 12:55

Tgt Ion: 43 Resp: 4377

Ion Ratio Lower Upper

43 100

58 21.7 50.6 75.8#

57 22.9 17.8 26.6

100 0.0 13.9 20.9#

