

Data File : VW017401.D
Acq On : 20 Nov 2020 03:51
Operator : SY/VA
Sample : L4819-01
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AY8

Quant Time: Nov 20 04:40:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 04:37:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	271310	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	227258	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	77318	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	77512	19.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.20%
7) Chloroethane-d5	2.89	69	70249	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.08%
10) 1,1-Dichloroethene-d2	4.01	63	102275	14.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.24%
20) 2-Butanone-d5	7.09	46	18787	28.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.96%
24) Chloroform-d	7.65	84	165625	23.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.96%
26) 1,2-Dichloroethane-d4	8.31	65	88153	25.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.40%
29) Benzene-d6	8.28	84	296046	23.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.44%
33) 1,2-Dichloropropane-d6	9.27	67	89879	26.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.32%
37) Toluene-d8	10.33	98	248014	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.24%
38) trans-1,3-Dichloropropene-	10.58	79	23681	15.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.76%
39) 2-Hexanone-d5	10.93	63	13337	29.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	68521	26.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	66206	23.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.80%

Target Compounds

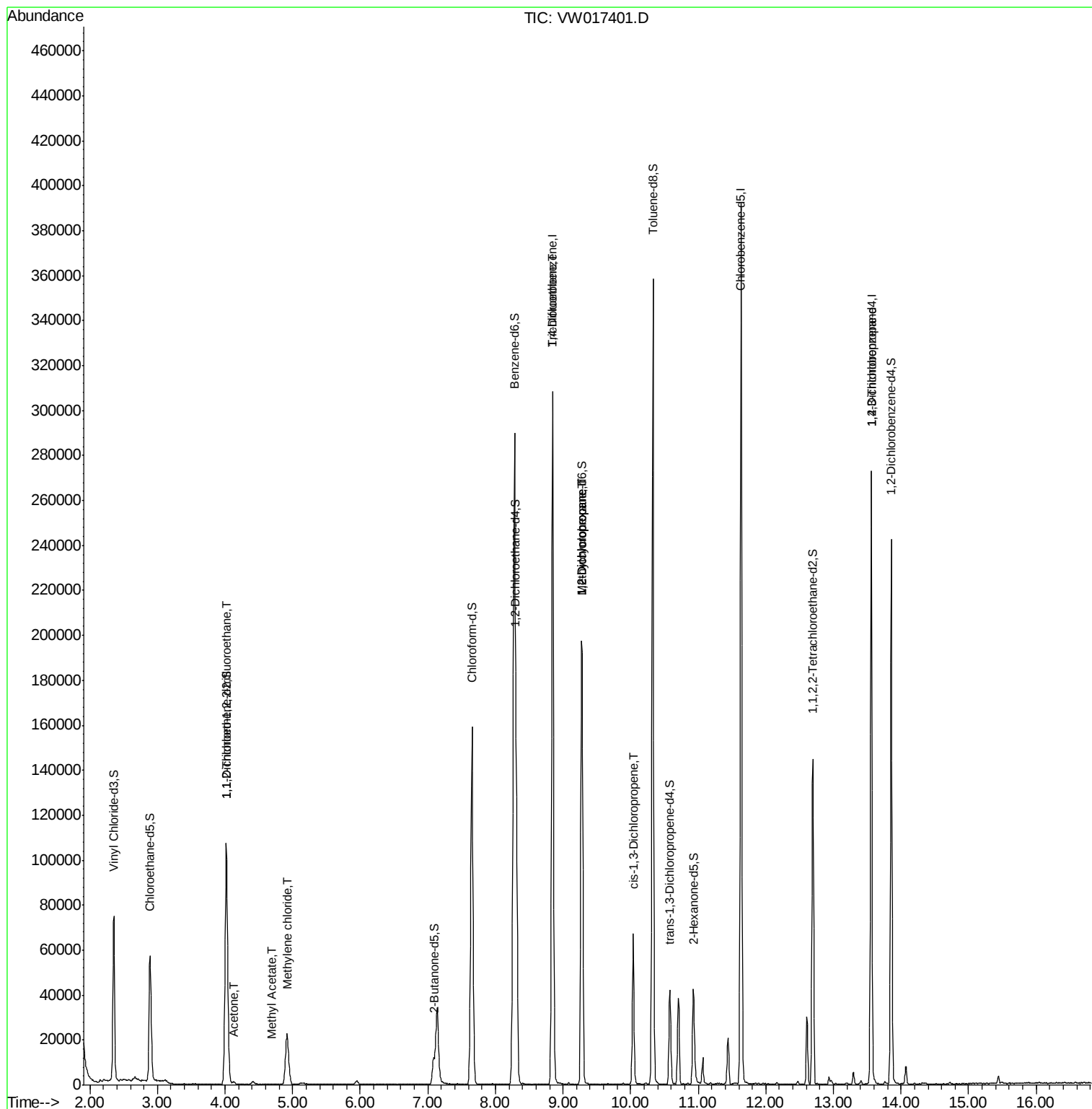
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1100	0.296	ug/L #	16
13) Acetone	4.13	43	1643	3.414	ug/L	74
15) Methyl Acetate	4.68	43	484	0.459	ug/L #	45
16) Methylene chloride	4.92	84	19502	4.202	ug/L	98
35) Trichloroethene	8.85	95	7816	2.152	ug/L #	2
36) Methylcyclohexane	9.27	83	24019	4.139	ug/L #	22
40) 1,2-Dichloropropane	9.27	63	10654	3.669	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	1828	0.406	ug/L #	60
59) 1,2,3-Trichloropropane	13.56	75	8419	4.705	ug/L	98

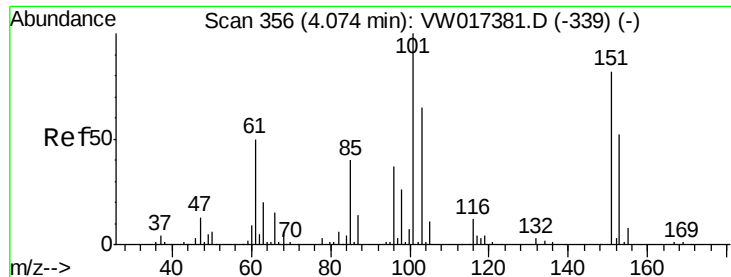
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

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

Concen: 0.296 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.05 min

Lab File: VW017401.D

Acq: 20 Nov 2020 03:51

Instrument :

MSVOA_W

ClientSampleId :

C0AY8

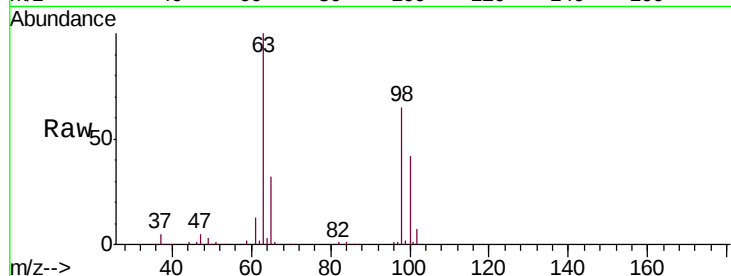
Tgt Ion: 101 Resp: 1100

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

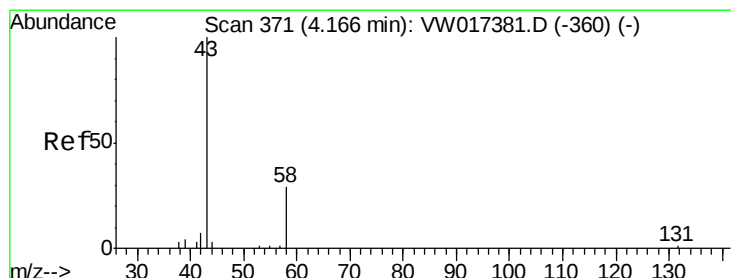
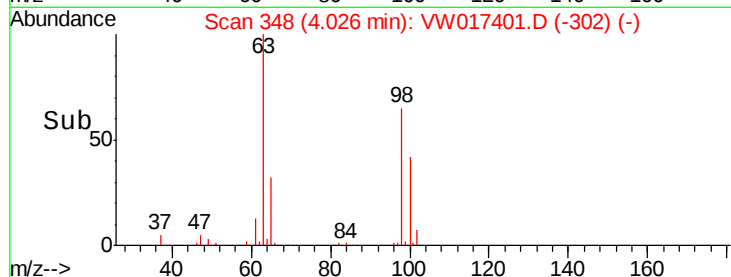
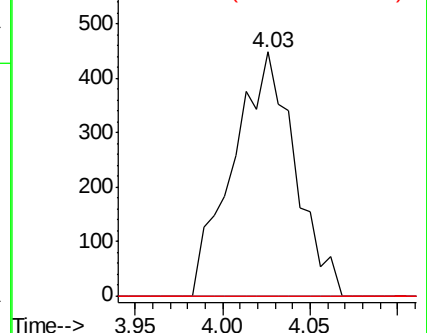
151 0.0 66.3 99.5#



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: 3.414 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.04 min

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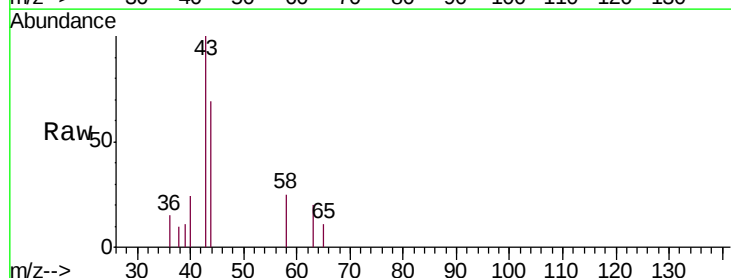
Acq: 20 Nov 2020 03:51

Tgt Ion: 43 Resp: 1643

Ion Ratio Lower Upper

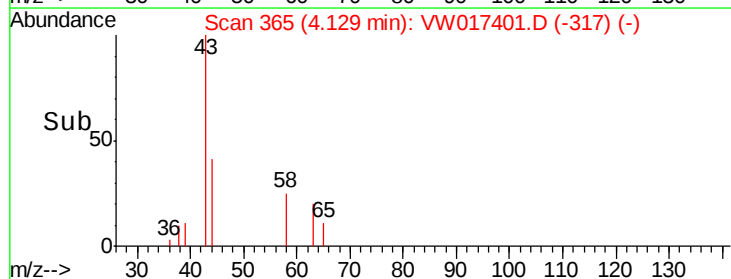
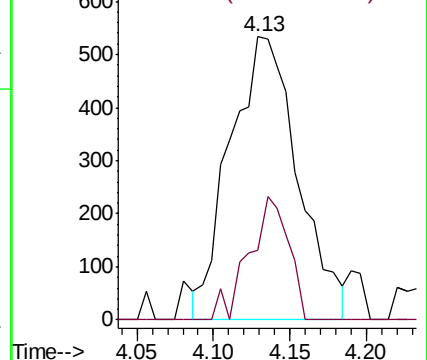
43 100

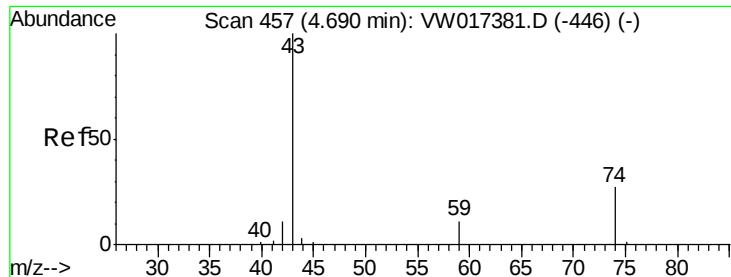
58 18.8 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

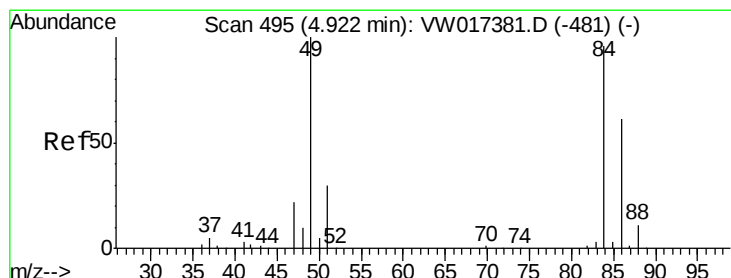
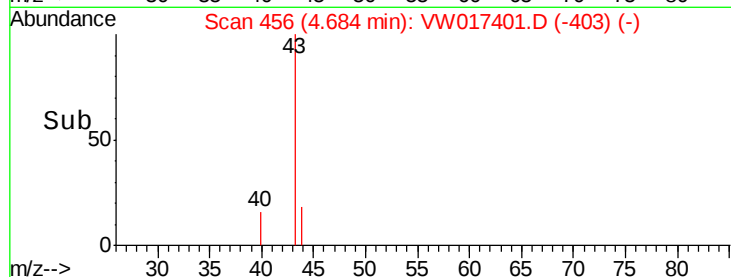
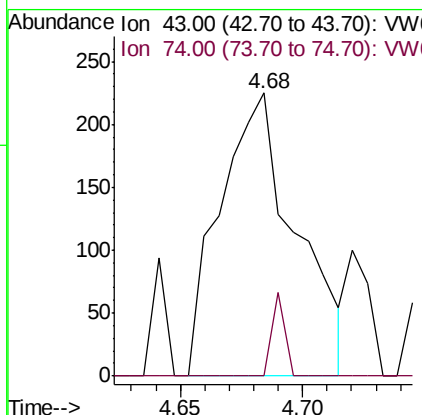
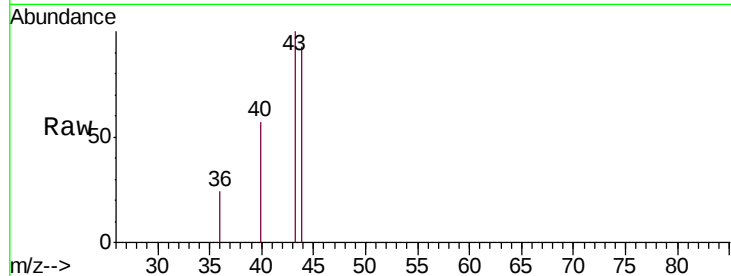




#15
Methyl Acetate
Concen: 0.459 ug/L
RT: 4.68 min Scan# 456
Delta R.T. -0.01 min
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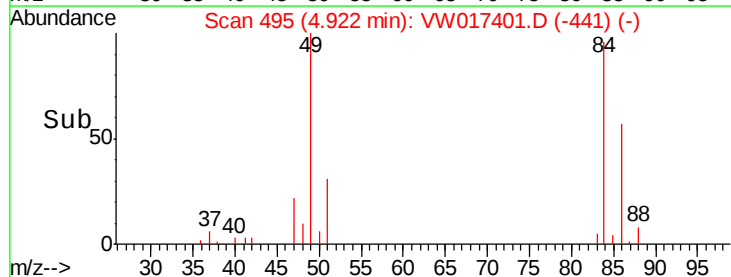
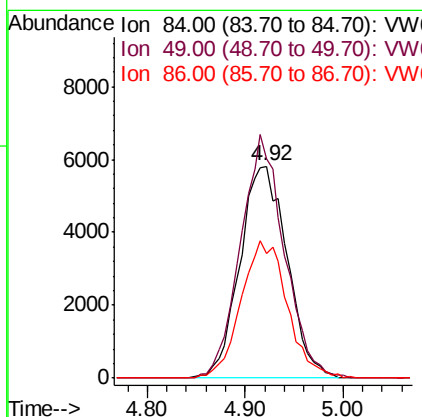
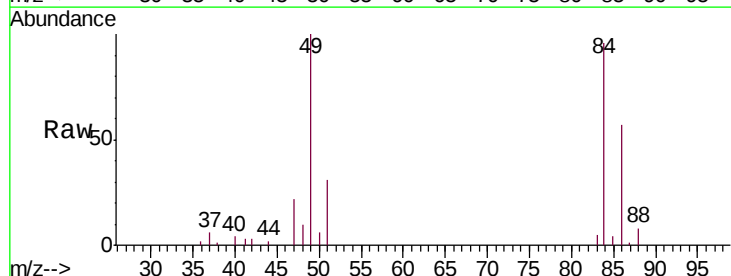
Instrument :
MSVOA_W
ClientSampleId :
C0AY8

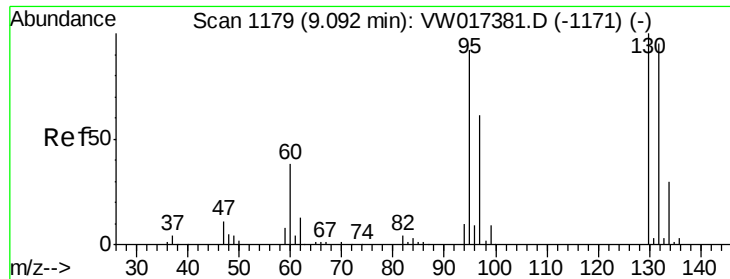
Tgt Ion: 43 Resp: 484
Ion Ratio Lower Upper
43 100
74 0.0 23.7 35.5#



#16
Methylene chloride
Concen: 4.202 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW017401.D
Acq: 20 Nov 2020 03:51

Tgt Ion: 84 Resp: 19502
Ion Ratio Lower Upper
84 100
49 103.8 71.5 132.9
86 59.0 42.8 79.4





#35

Trichloroethene

Concen: 2.152 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017401.D

Acq: 20 Nov 2020 03:51

Instrument :

MSVOA_W

ClientSampleId :

C0AY8

Tgt Ion: 95 Resp: 7816

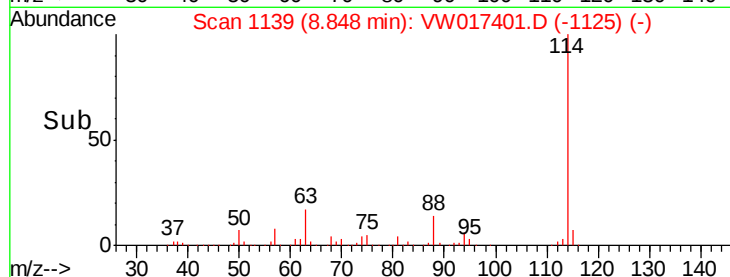
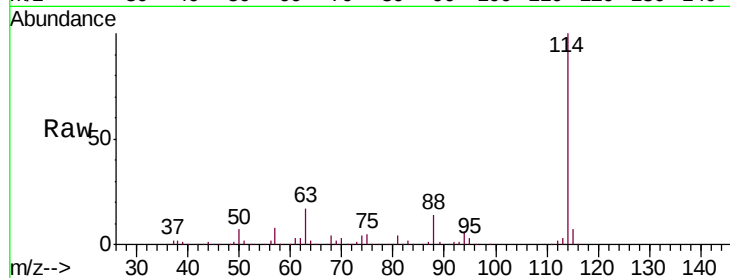
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

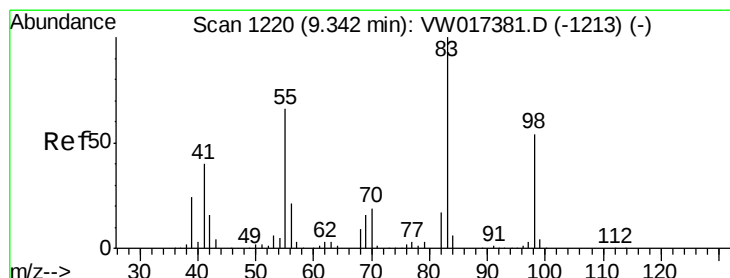
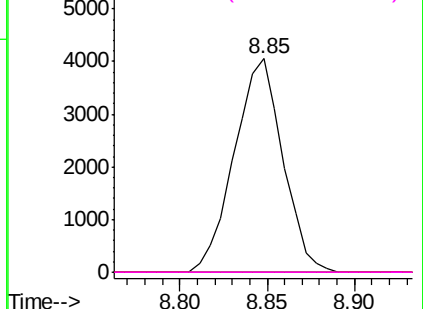


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 4.139 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.07 min

Lab File: VW017401.D

Acq: 20 Nov 2020 03:51

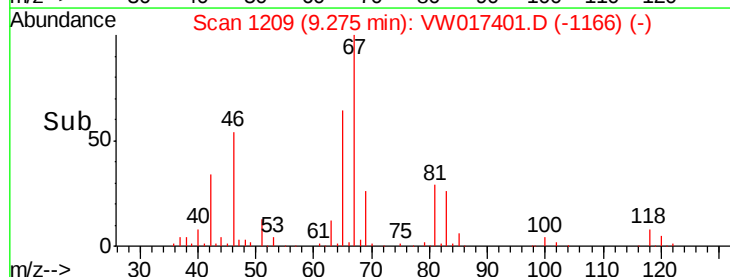
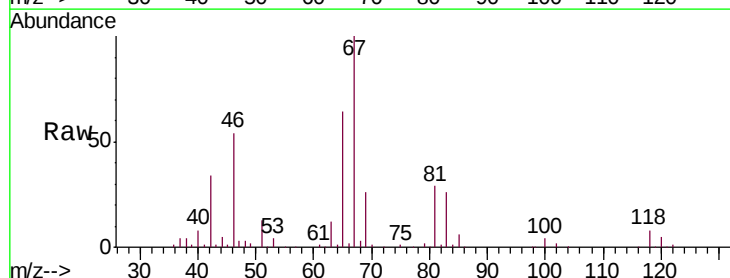
Tgt Ion: 83 Resp: 24019

Ion Ratio Lower Upper

83 100

55 0.6 54.6 81.8#

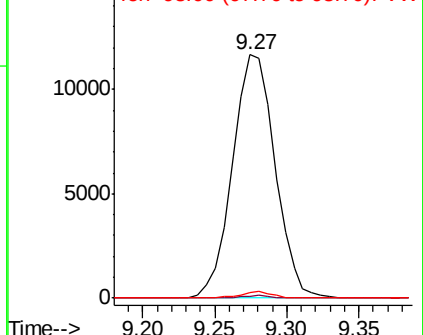
98 1.9 41.5 62.3#

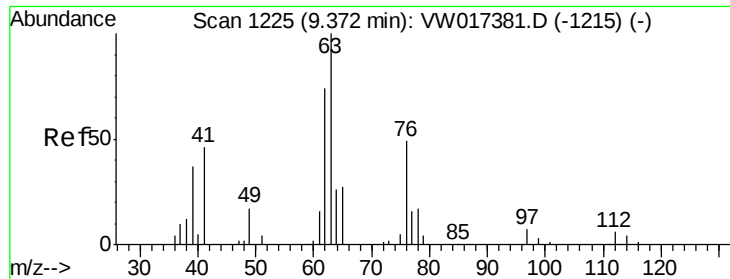


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

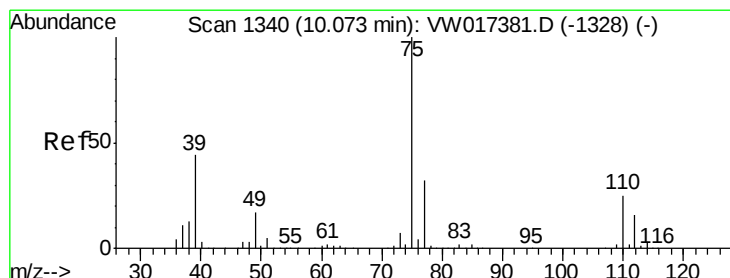
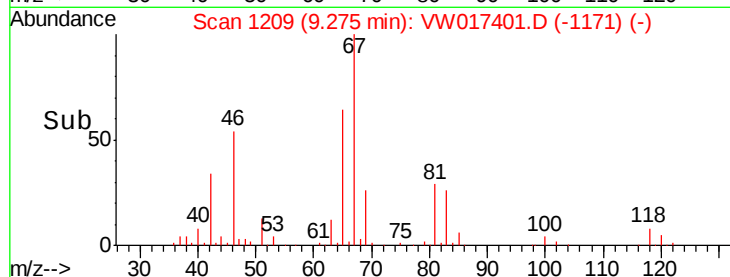
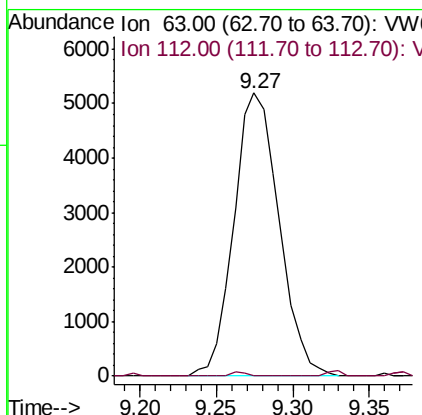
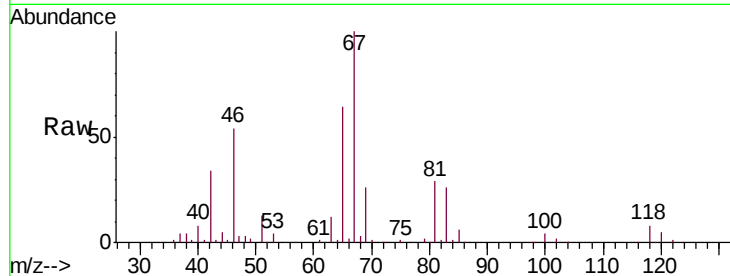




#40
 1,2-Dichloropropane
 Concen: 3.669 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017401.D
 Acq: 20 Nov 2020 03:51

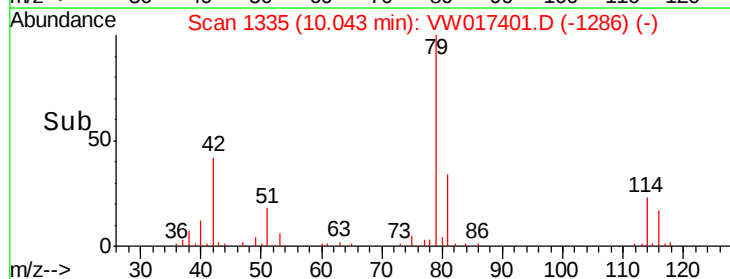
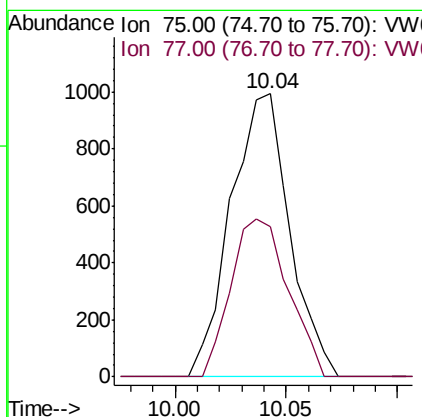
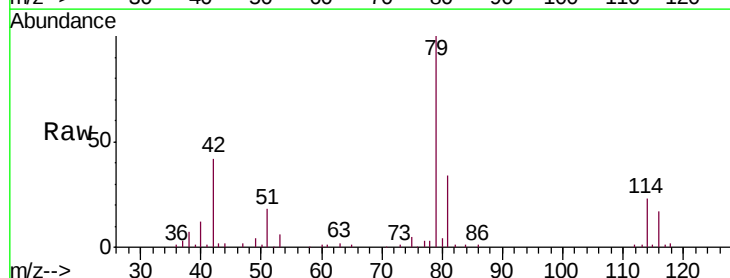
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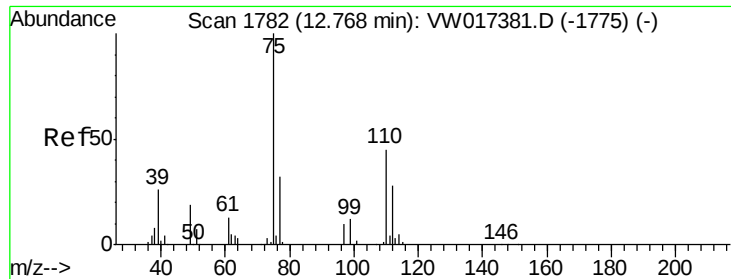
Tgt Ion: 63 Resp: 10654
 Ion Ratio Lower Upper
 63 100
 112 0.4 4.2 6.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.406 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW017401.D
 Acq: 20 Nov 2020 03:51

Tgt Ion: 75 Resp: 1828
 Ion Ratio Lower Upper
 75 100
 77 53.3 21.8 40.4#





#59

1,2,3-Trichloropropane

Concen: 4.705 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017401.D

Acq: 20 Nov 2020 03:51

Instrument :

MSVOA_W

ClientSampleId :

C0AY8

Tgt Ion: 75 Resp: 8419

Ion Ratio Lower Upper

75 100

77 34.6 26.6 40.0

