

Data File : VW017448.D
Acq On : 21 Nov 2020 04:07
Operator : SY/VA
Sample : L4860-15
Misc : 4.69G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BE1

Quant Time: Nov 21 04:55:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 02:27:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	199191	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	191432	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	97837	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	50595	17.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.64%
7) Chloroethane-d5	2.89	69	60548	25.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.40%
10) 1,1-Dichloroethene-d2	4.01	63	75010	14.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.16%
20) 2-Butanone-d5	7.08	46	27673	57.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.28%
24) Chloroform-d	7.65	84	135807	25.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	8.31	65	72012	28.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.92%
29) Benzene-d6	8.27	84	251469	23.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.20%
33) 1,2-Dichloropropane-d6	9.27	67	74124	25.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.12%
37) Toluene-d8	10.33	98	283208	27.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.52%
38) trans-1,3-Dichloropropene-	10.58	79	36720	29.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	117.36%
39) 2-Hexanone-d5	10.93	63	19283	50.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	59772	27.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	84057	23.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.08%

Target Compounds

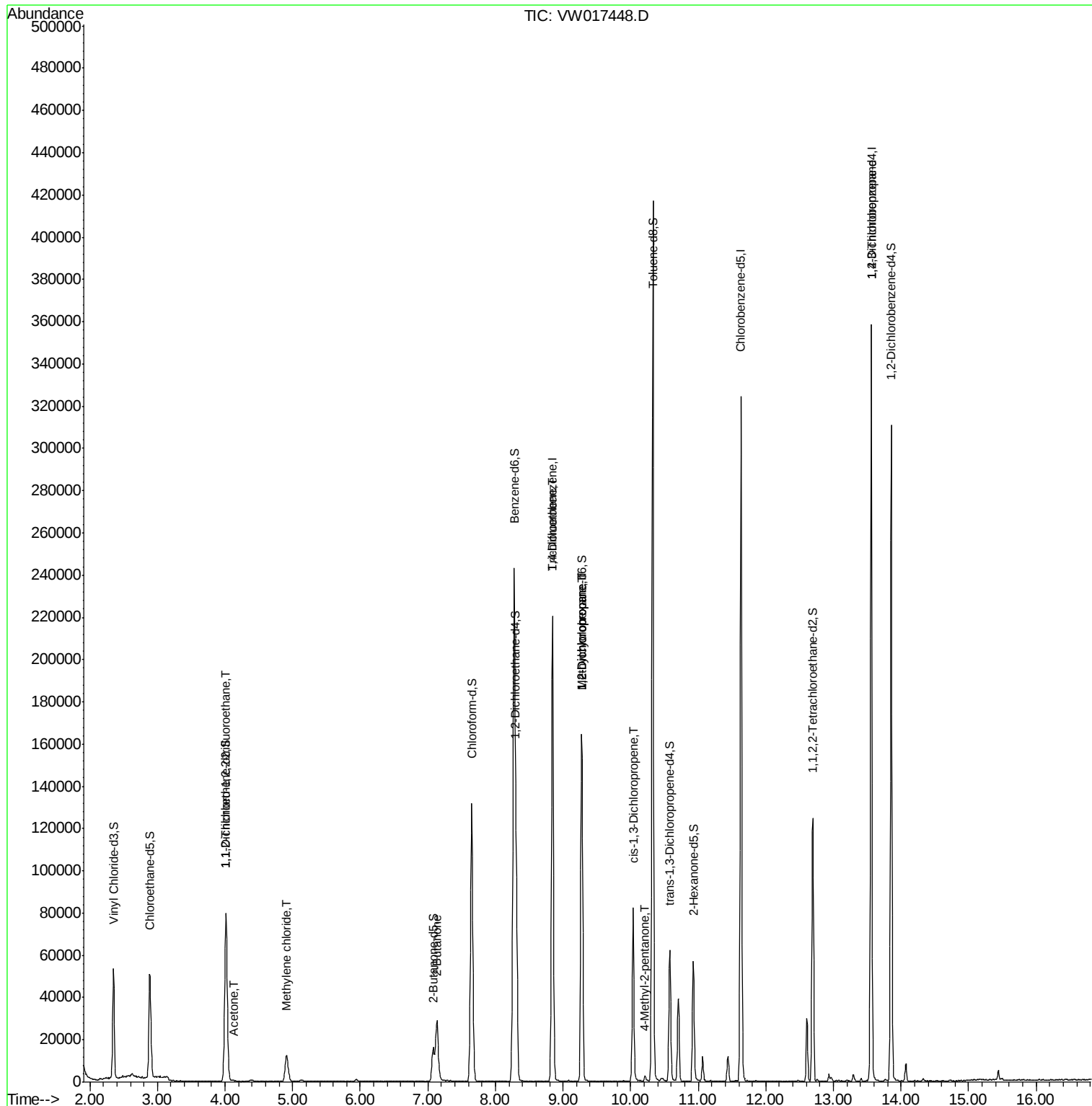
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	885	0.324	ug/L #	16
13) Acetone	4.13	43	761	2.154	ug/L	54
16) Methylene chloride	4.90	84	10377	3.046	ug/L	93
21) 2-Butanone	7.13	43	1337	2.468	ug/L #	52
35) Trichloroethene	8.85	95	6126	2.003	ug/L #	2
36) Methylcyclohexane	9.27	83	19152	3.918	ug/L #	21
40) 1,2-Dichloropropane	9.27	63	8627	3.527	ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2216	0.584	ug/L #	58
43) 4-Methyl-2-pentanone	10.21	43	1830	1.507	ug/L	98
59) 1,2,3-Trichloropropane	13.55	75	9924	6.584	ug/L	98

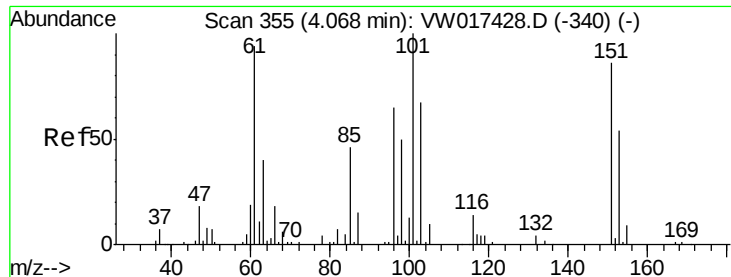
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 21 02:27:17 2020
Response via : Initial Calibration





#11

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

Concen: 0.324 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.06 min

Lab File: VW017448.D

Acq: 21 Nov 2020 04:07

Instrument :

MSVOA_W

ClientSampled :

C0BE1

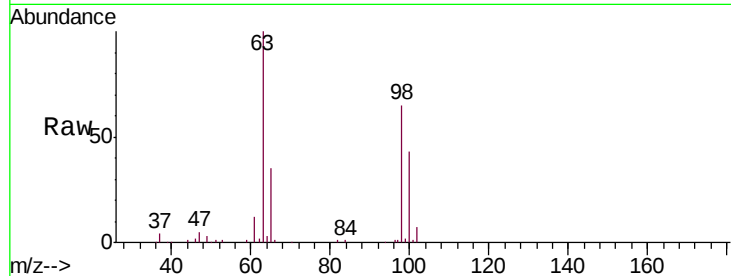
Tgt Ion: 101 Resp: 885

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

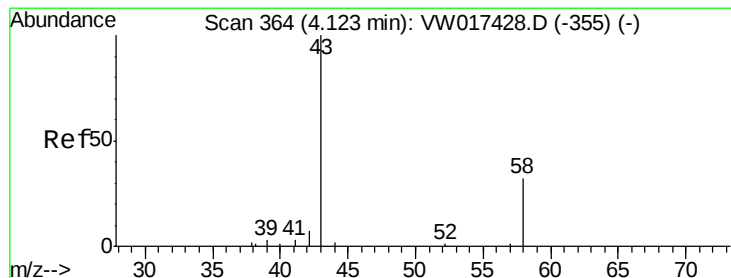
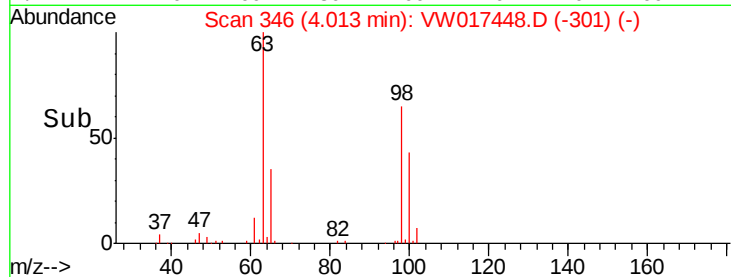
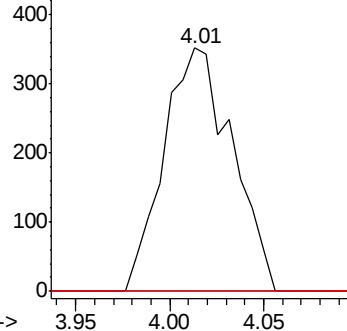
151 0.0 66.3 99.5#



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: 2.154 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017448.D

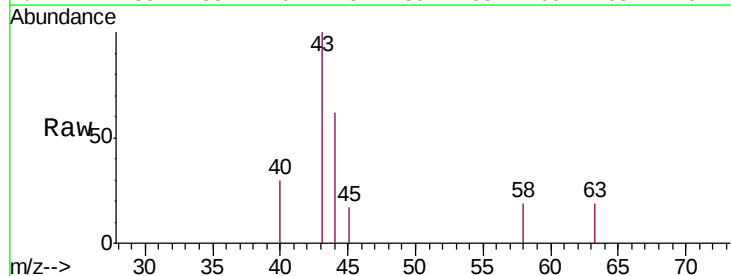
Acq: 21 Nov 2020 04:07

Tgt Ion: 43 Resp: 761

Ion Ratio Lower Upper

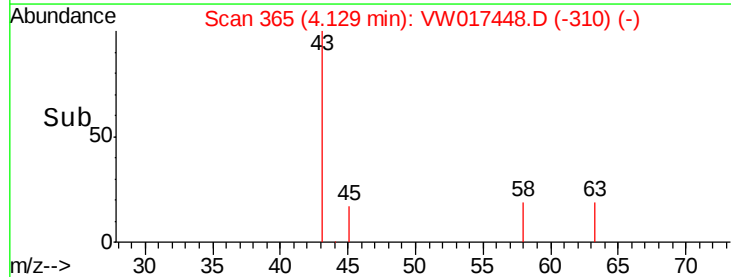
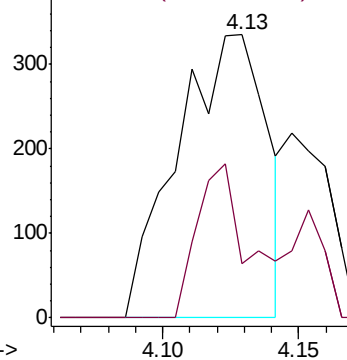
43 100

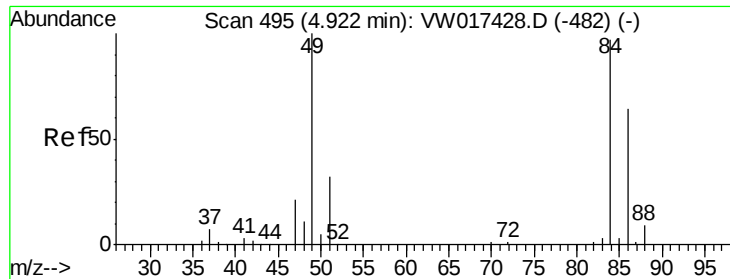
58 7.1 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

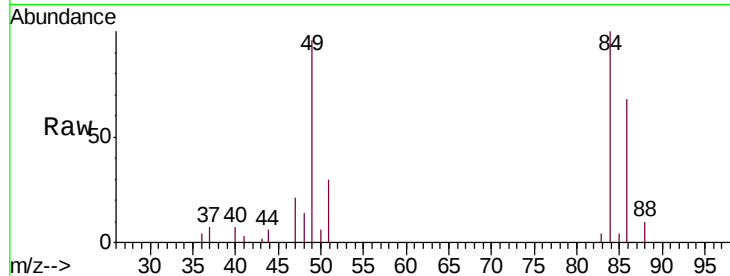




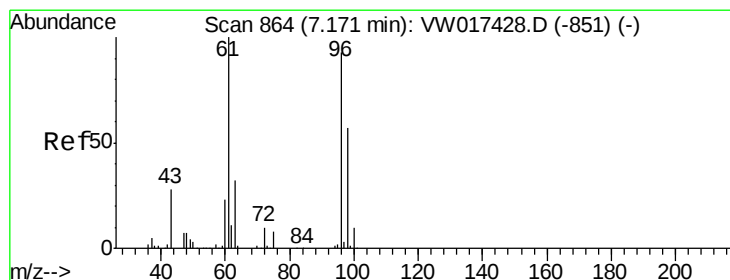
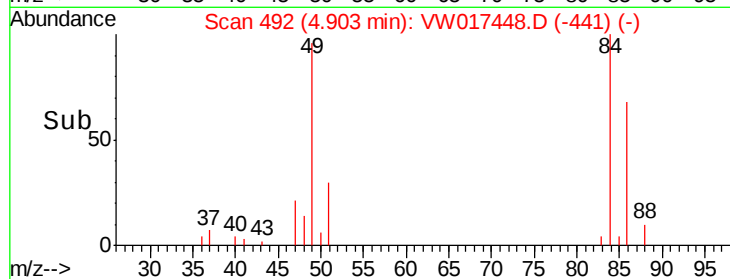
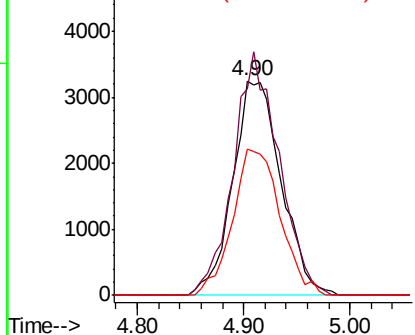
#16
Methylene chloride
Concen: 3.046 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW017448.D
Acq: 21 Nov 2020 04:07

Instrument :
MSVOA_W
ClientSampled :
C0BE1

Tgt Ion: 84 Resp: 10377
Ion Ratio Lower Upper
84 100
49 96.4 71.5 132.9
86 68.4 42.8 79.4

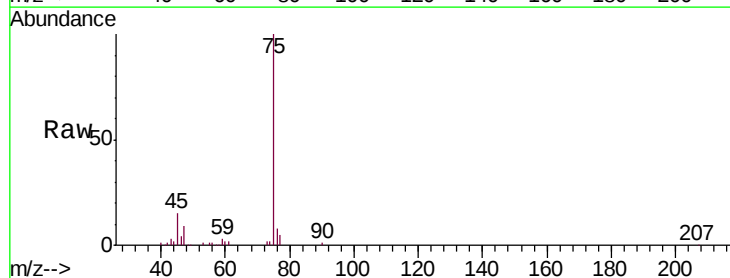


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

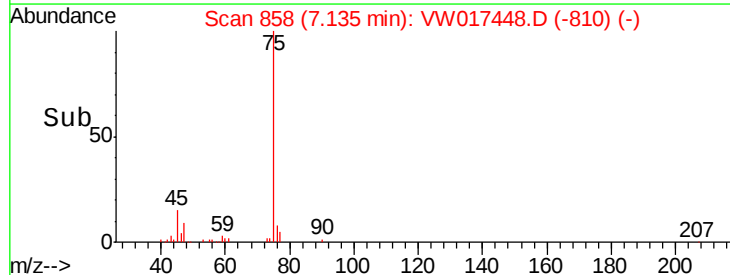
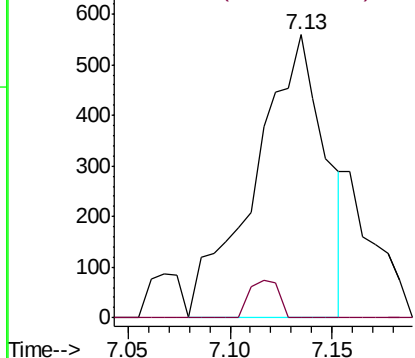


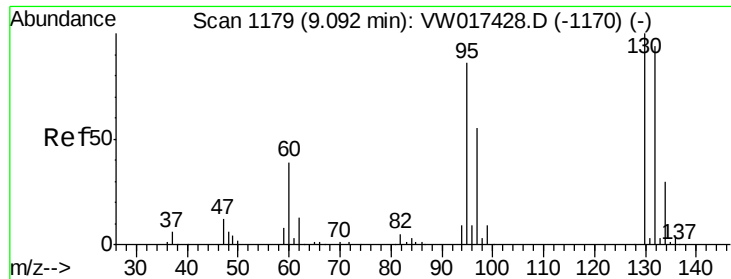
#21
2-Butanone
Concen: 2.468 ug/L
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW017448.D
Acq: 21 Nov 2020 04:07

Tgt Ion: 43 Resp: 1337
Ion Ratio Lower Upper
43 100
72 5.6 16.4 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#35

Trichloroethene

Concen: 2.003 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017448.D

Acq: 21 Nov 2020 04:07

Instrument :

MSVOA_W

ClientSampleId :

C0BE1

Tgt Ion: 95 Resp: 6126

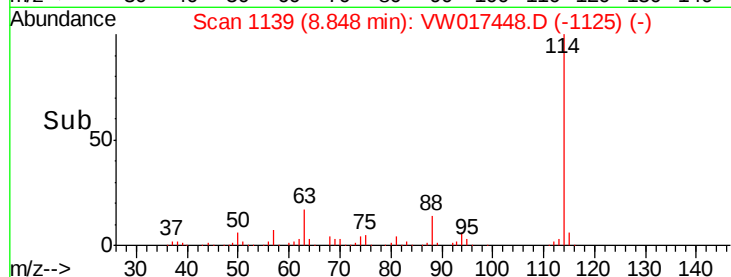
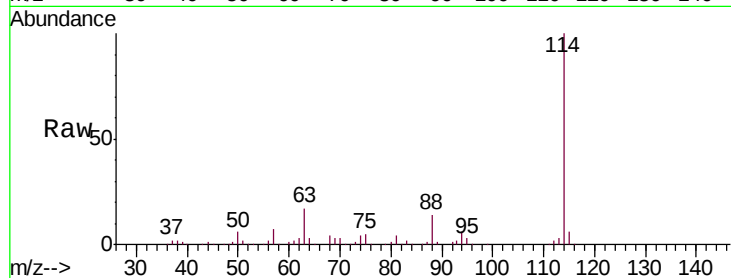
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

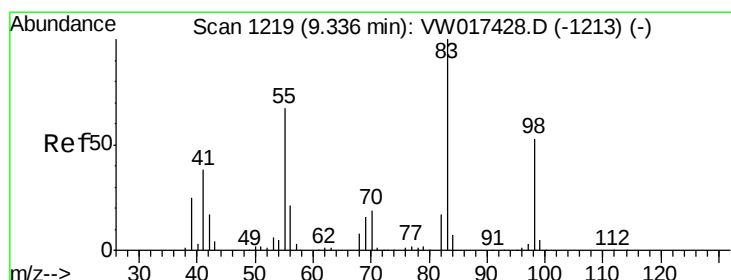
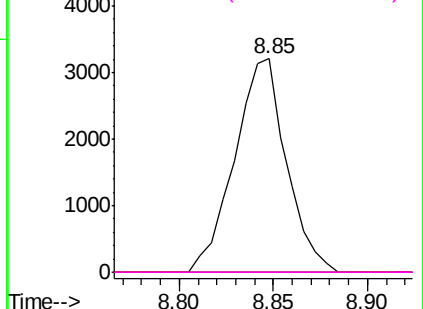


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 3.918 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW017448.D

Acq: 21 Nov 2020 04:07

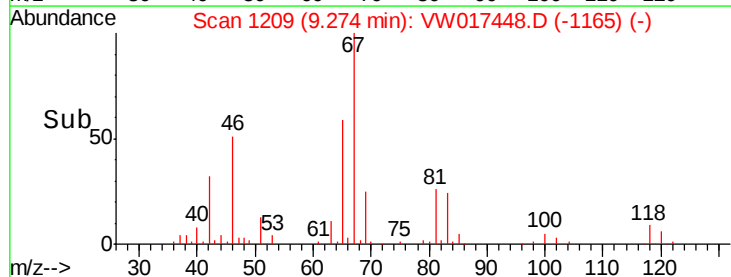
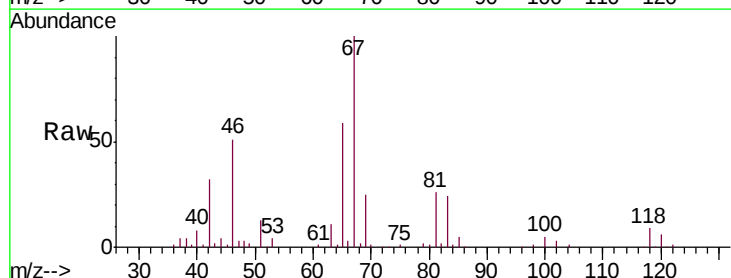
Tgt Ion: 83 Resp: 19152

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

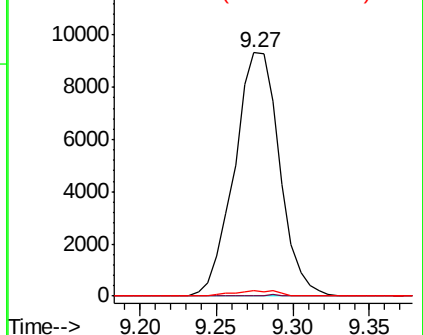
98 1.4 41.5 62.3#

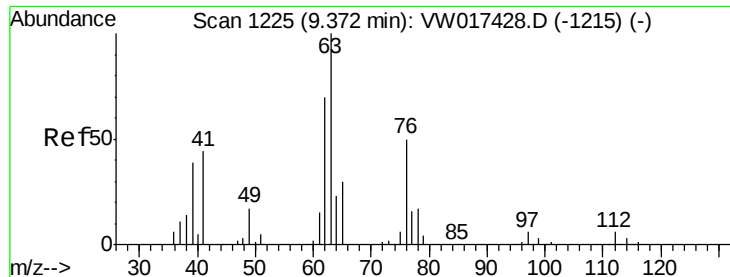


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

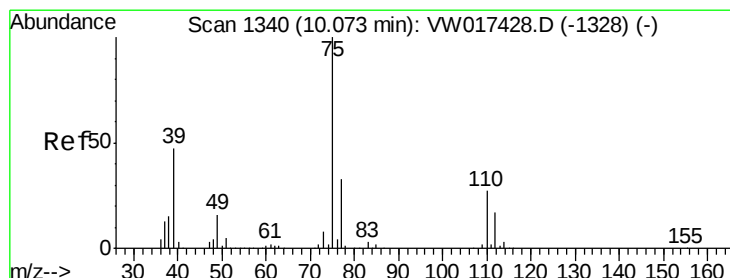
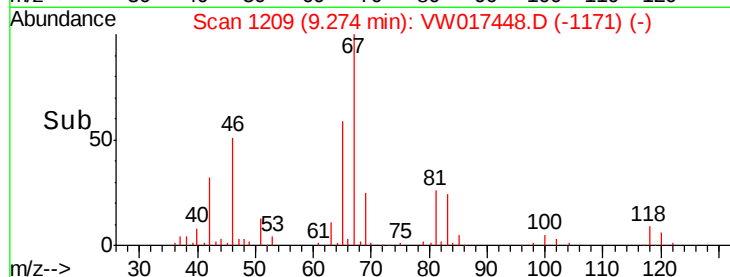
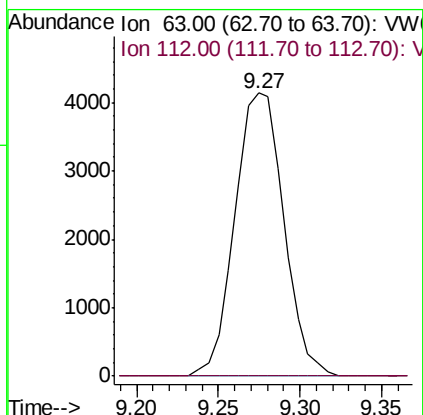
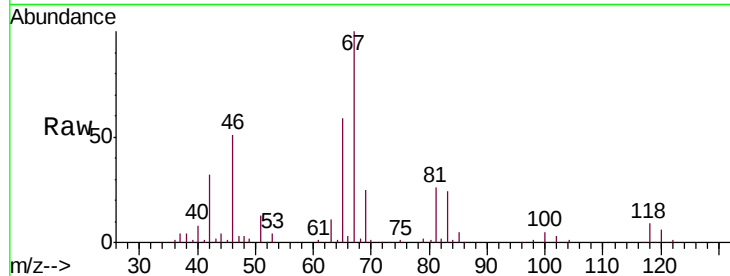




#40
 1,2-Dichloropropane
 Concen: 3.527 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017448.D
 Acq: 21 Nov 2020 04:07

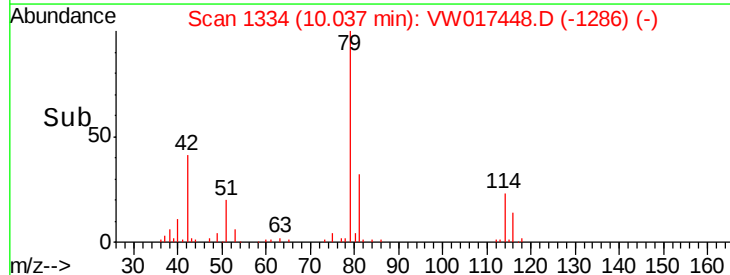
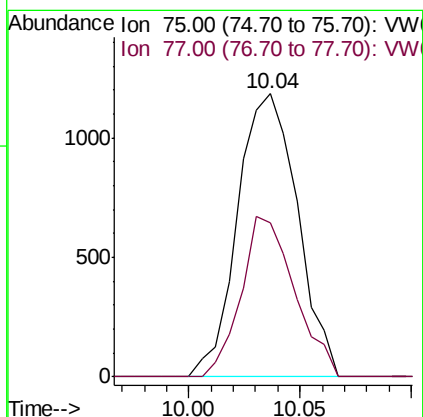
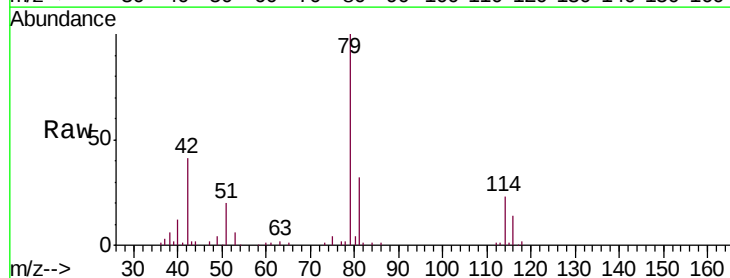
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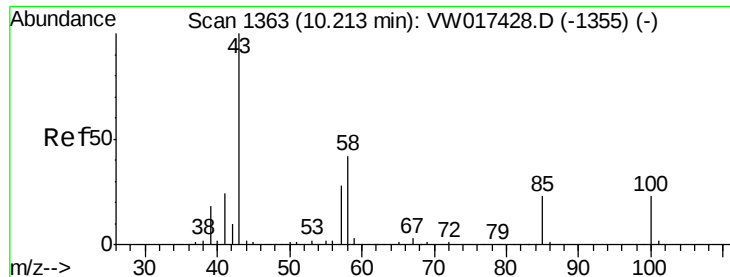
Tgt Ion: 63 Resp: 8627
 Ion Ratio Lower Upper
 63 100
 112 0.9 4.2 6.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.584 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017448.D
 Acq: 21 Nov 2020 04:07

Tgt Ion: 75 Resp: 2216
 Ion Ratio Lower Upper
 75 100
 77 54.2 21.8 40.4#

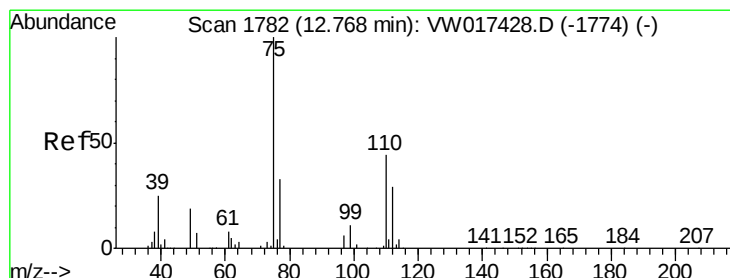
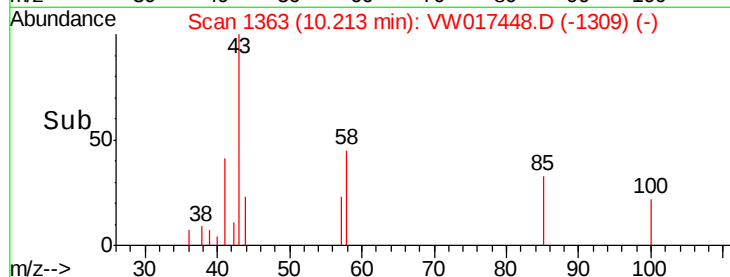
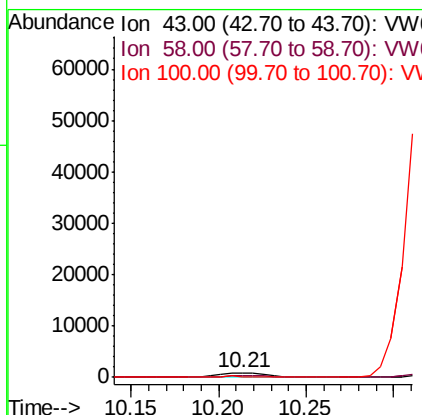
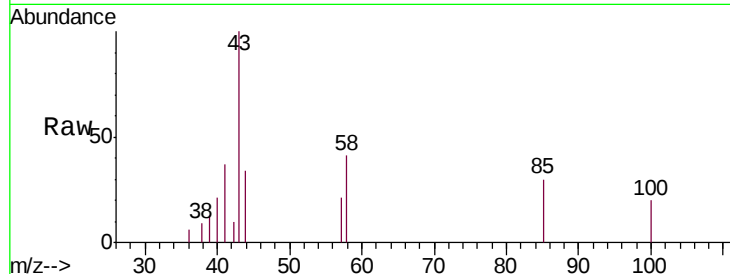




#43
4-Methyl-2-pentanone
Concen: 1.507 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW017448.D
Acq: 21 Nov 2020 04:07

Instrument :
MSVOA_W
ClientSampleId :
C0BE1

Tgt Ion: 43 Resp: 1830
Ion Ratio Lower Upper
43 100
58 41.3 33.4 50.2
100 22.4 16.3 24.5



#59
1,2,3-Trichloropropane
Concen: 6.584 ug/L
RT: 13.55 min Scan# 1911
Delta R.T. 0.79 min
Lab File: VW017448.D
Acq: 21 Nov 2020 04:07

Tgt Ion: 75 Resp: 9924
Ion Ratio Lower Upper
75 100
77 34.4 26.6 40.0

