

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072720\
 Data File : VW015966.D
 Acq On : 27 Jul 2020 12:55
 Operator : SY/VA
 Sample : L3458-08
 Misc : 5.32G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY36

Quant Time: Jul 28 01:38:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 28 01:36:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	373846	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	349037	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	151841	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88832	16.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.36%
7) Chloroethane-d5	2.89	69	71271	16.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.52%
10) 1,1-Dichloroethene-d2	4.01	63	132709	12.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.76%
20) 2-Butanone-d5	7.09	46	105152	75.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.76%#
24) Chloroform-d	7.65	84	172793	16.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.84%
26) 1,2-Dichloroethane-d4	8.31	65	107601	18.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.68%
29) Benzene-d6	8.28	84	349159	16.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.72%
33) 1,2-Dichloropropane-d6	9.28	67	109887	17.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	69.00%#
37) Toluene-d8	10.33	98	305743	15.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.56%
38) trans-1,3-Dichloropropene-	10.58	79	47935	17.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.64%
39) 2-Hexanone-d5	10.93	63	78122	73.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.32%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125894	25.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	107429	18.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.56%#

Target Compounds

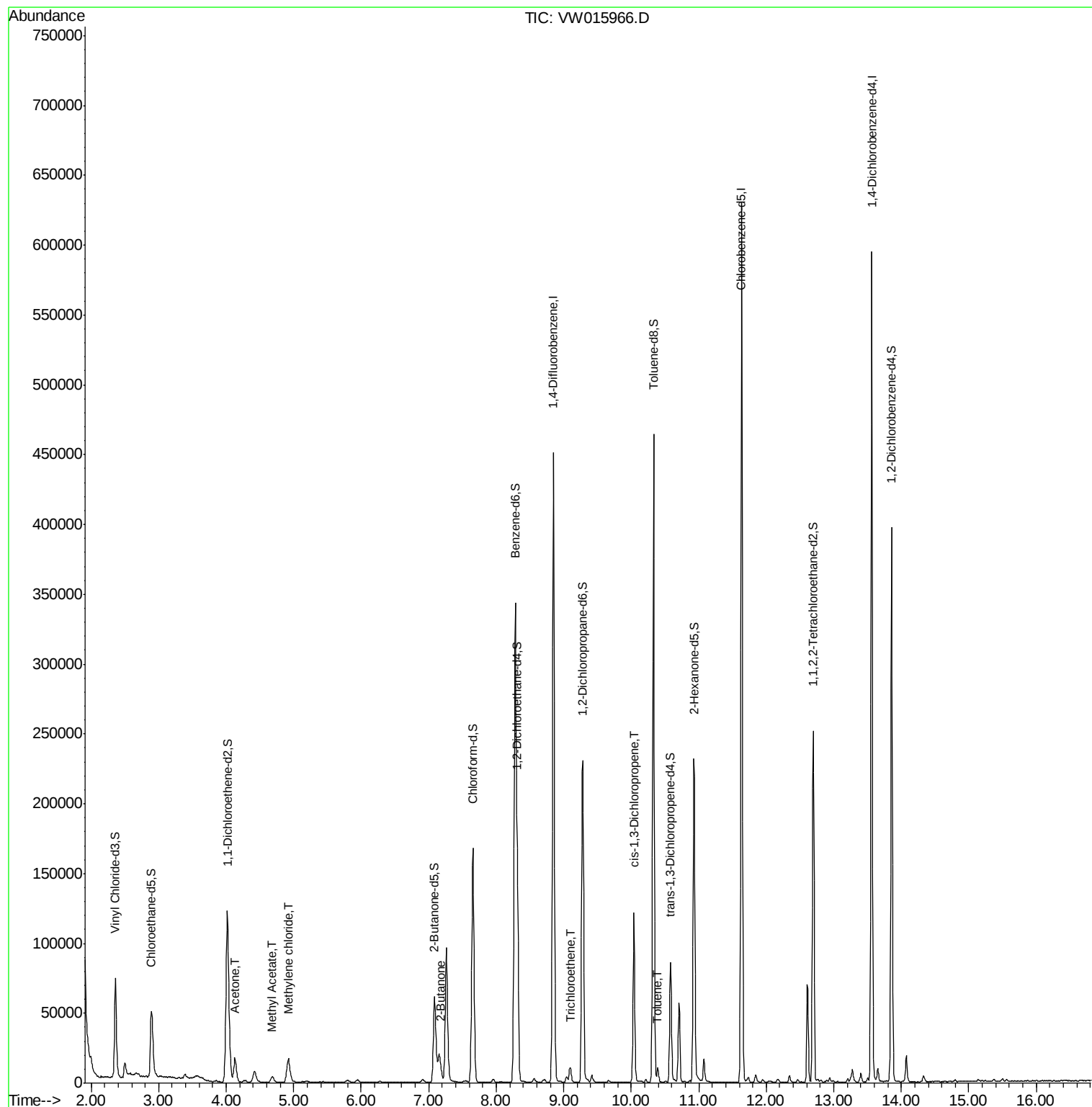
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	28707	24.669	ug/L	95
15) Methyl Acetate	4.68	43	7656	3.489	ug/L	99
16) Methylene chloride	4.92	84	13848	2.261	ug/L	93
21) 2-Butanone	7.18	43	3724	2.588	ug/L	90
35) Trichloroethene	9.10	95	3509	0.626	ug/L	98
42) cis-1,3-Dichloropropene	10.04	75	3220	0.403	ug/L #	62
44) Toluene	10.40	91	7519	0.338	ug/L	94

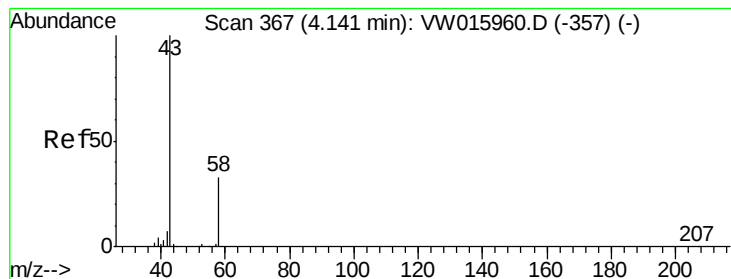
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jul 28 01:36:11 2020
Response via : Initial Calibration





#13

Acetone

Concen: 24.669 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW015966.D

Acq: 27 Jul 2020 12:55

Instrument :

MSVOA_W

ClientSampled :

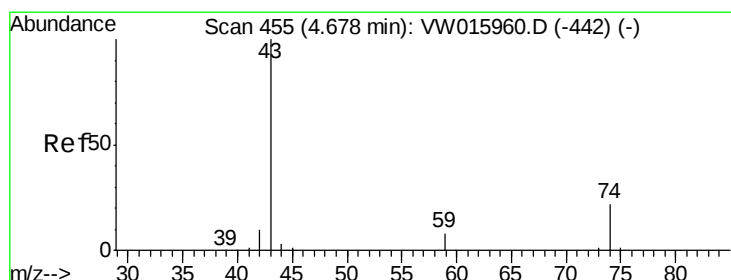
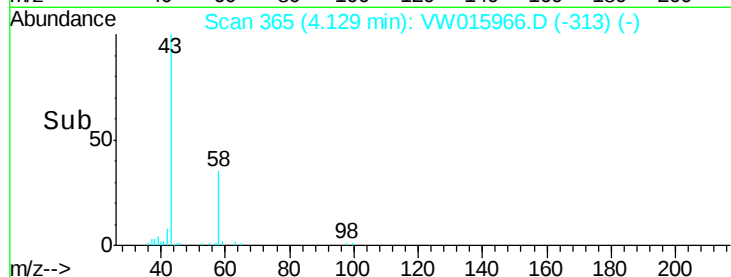
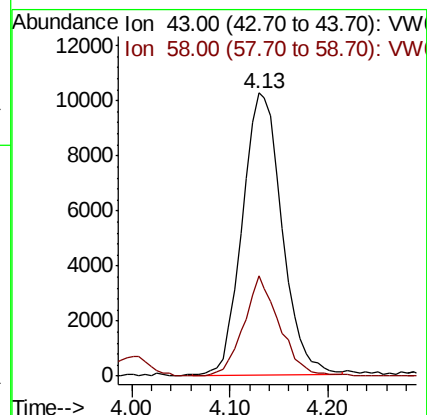
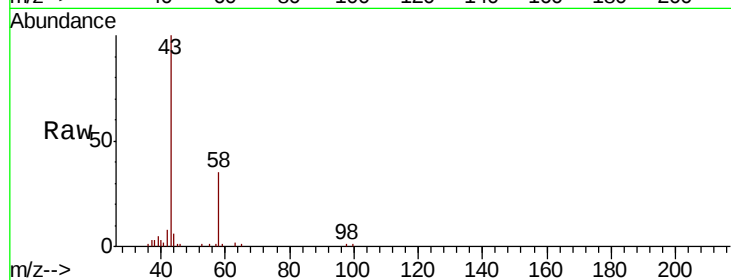
GAY36

Tot Ion: 43 Resp: 28707

Ion Ratio Lower Upper

43 100

58 31.8 0.0 58.2



#15

Methyl Acetate

Concen: 3.489 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW015966.D

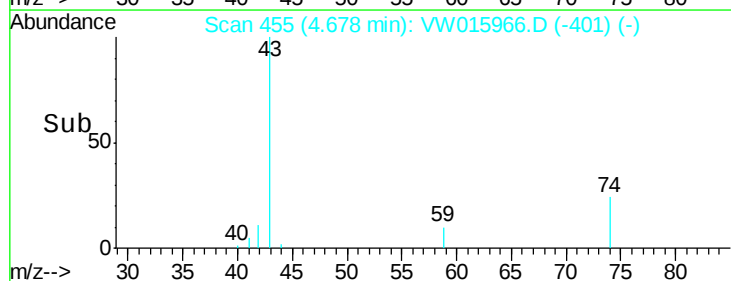
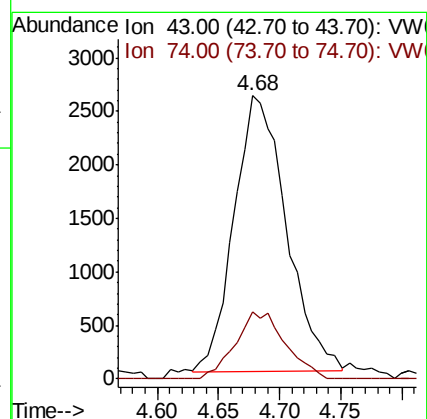
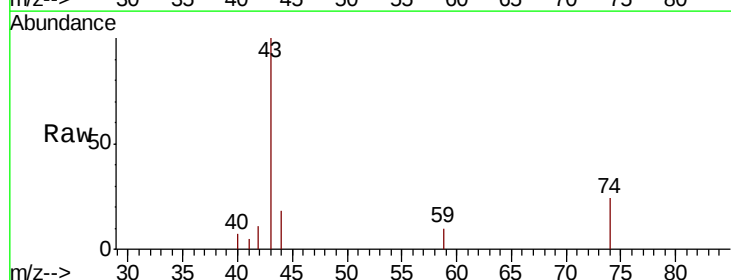
Acq: 27 Jul 2020 12:55

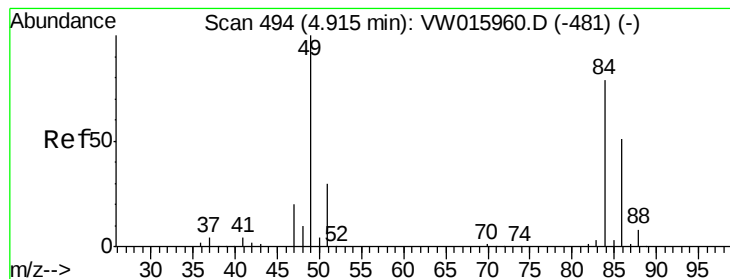
Tgt Ion: 43 Resp: 7656

Ion Ratio Lower Upper

43 100

74 23.3 18.2 27.2





#16

Methylene chloride

Concen: 2.261 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW015966.D

Acq: 27 Jul 2020 12:55

Instrument :

MSVOA_W

ClientSampled :

GAY36

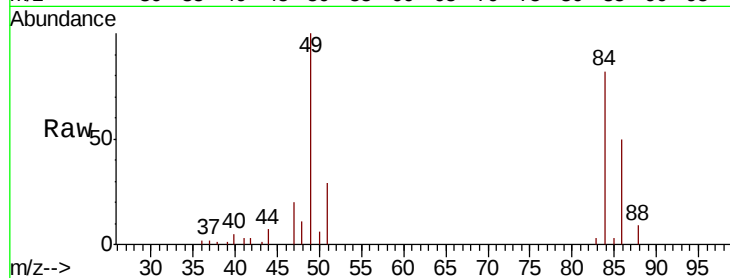
Tot Ion: 84 Resp: 13848

Ion Ratio Lower Upper

84 100

49 121.3 91.1 169.1

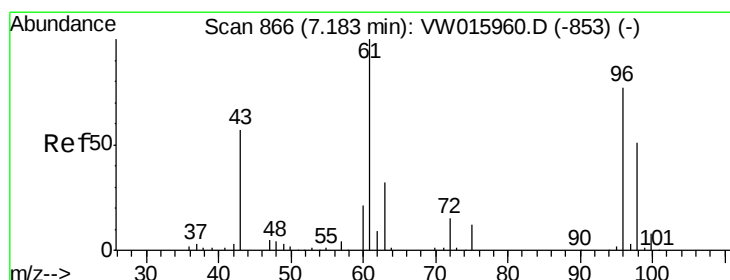
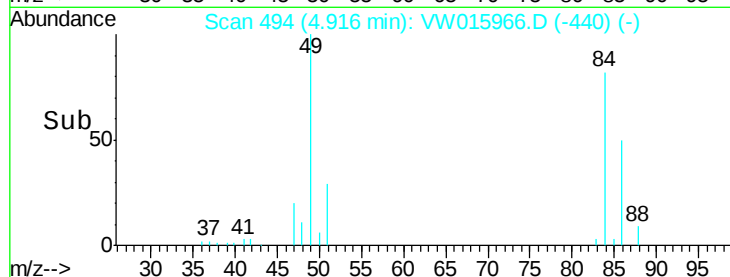
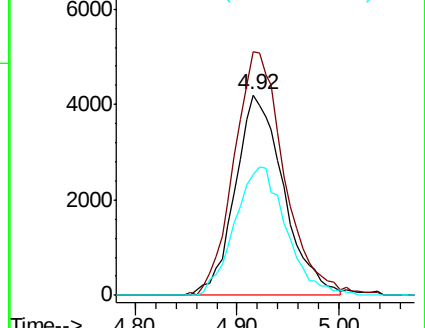
86 60.4 46.0 85.4



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: 2.588 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW015966.D

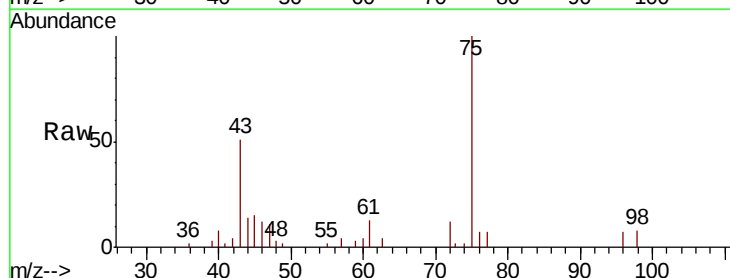
Acq: 27 Jul 2020 12:55

Tgt Ion: 43 Resp: 3724

Ion Ratio Lower Upper

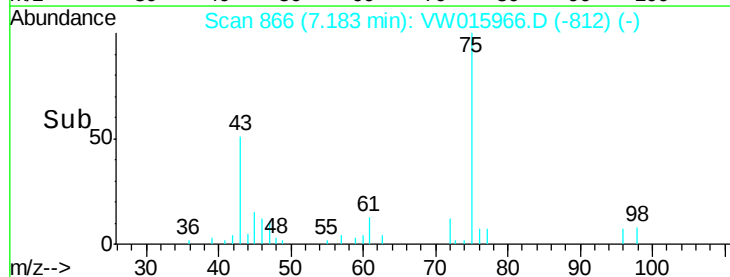
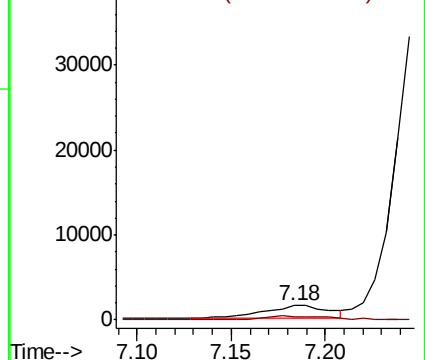
43 100

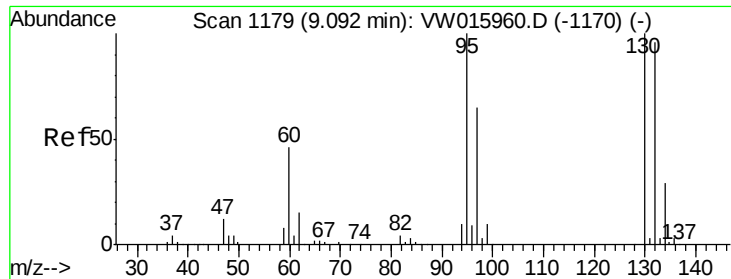
72 33.2 13.9 41.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#35

Trichloroethene

Concen: 0.626 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW015966.D

Acq: 27 Jul 2020 12:55

Instrument :

MSVOA_W

ClientSampleId :

GAY36

Tot Ion: 95 Resp: 3509

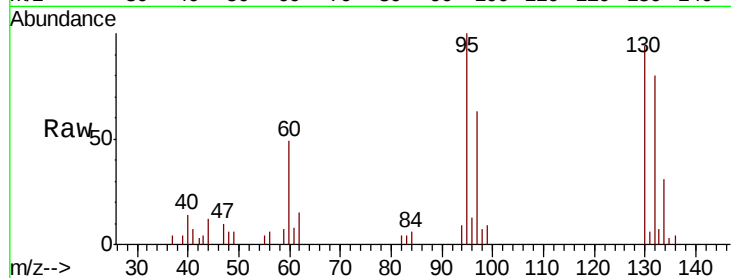
Ion Ratio Lower Upper

95 100

97 63.2 44.4 82.4

132 92.4 65.1 120.9

130 101.6 68.6 127.4

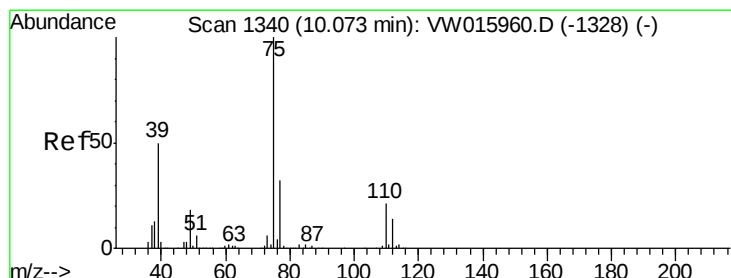
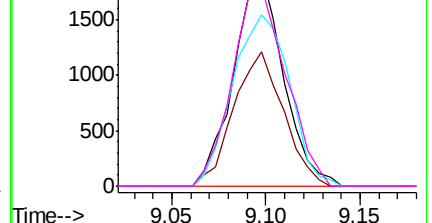
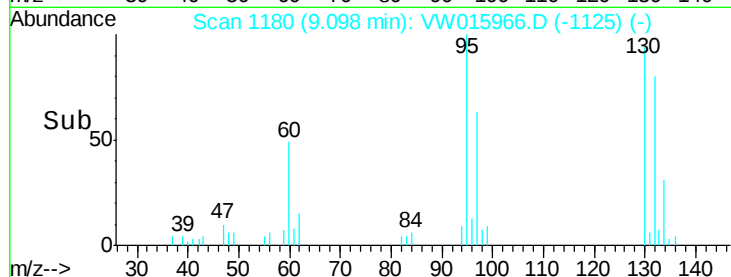


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#42

cis-1,3-Dichloropropene

Concen: 0.403 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015966.D

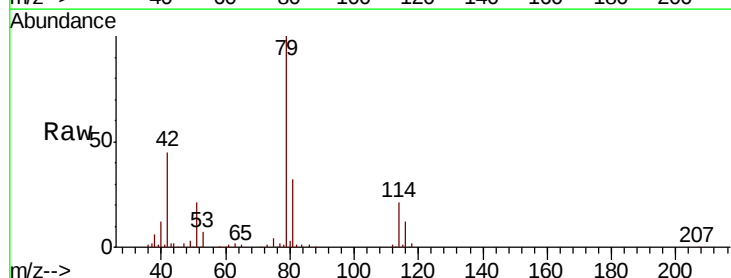
Acq: 27 Jul 2020 12:55

Tgt Ion: 75 Resp: 3220

Ion Ratio Lower Upper

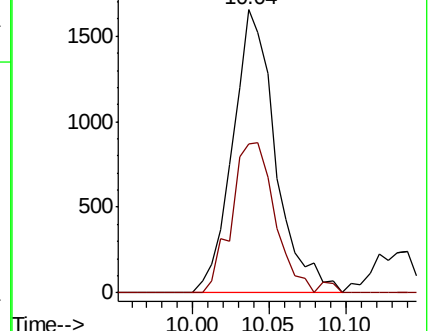
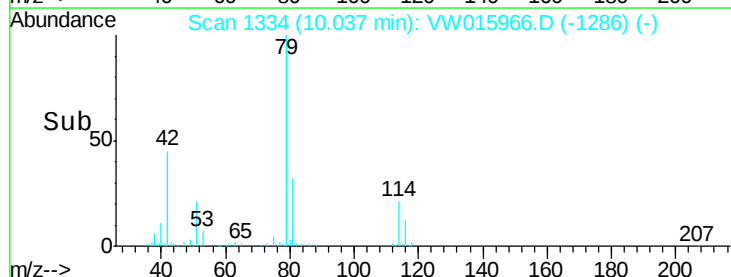
75 100

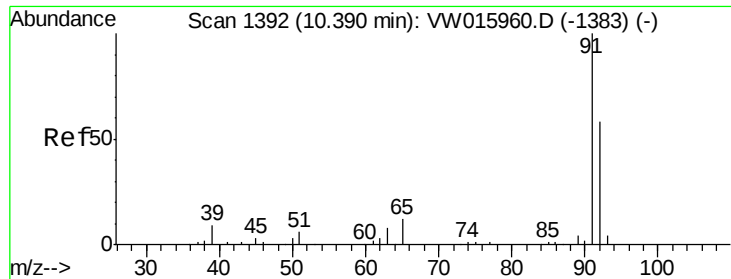
77 52.6 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 0.338 ug/L

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW015966.D

Acq: 27 Jul 2020 12:55

Instrument :

MSVOA_W

ClientSampleId :

GAY36

Tot Ion: 91 Resp: 7519

Ion Ratio Lower Upper

91 100

92 54.5 41.2 76.4

