

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072320\
 Data File : VW015922.D
 Acq On : 23 Jul 2020 15:29
 Operator : SY/VA
 Sample : L3395-01
 Misc : 5.92G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 07:02:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 24 06:59:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	481755	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	370258	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	96645	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	148730	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.52%
7) Chloroethane-d5	2.89	69	116883	21.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.68%
10) 1,1-Dichloroethene-d2	4.01	63	220881	16.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.28%
20) 2-Butanone-d5	7.10	46	85144	47.68	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.36%
24) Chloroform-d	7.65	84	275713	20.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.52%
26) 1,2-Dichloroethane-d4	8.31	65	158737	21.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.48%
29) Benzene-d6	8.27	84	549663	24.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.56%
33) 1,2-Dichloropropane-d6	9.28	67	168942	25.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.00%
37) Toluene-d8	10.33	98	462217	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.56%
38) trans-1,3-Dichloropropene-	10.59	79	65094	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.40%
39) 2-Hexanone-d5	10.93	63	61675	54.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120288	23.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	78306	20.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.12%

Target Compounds

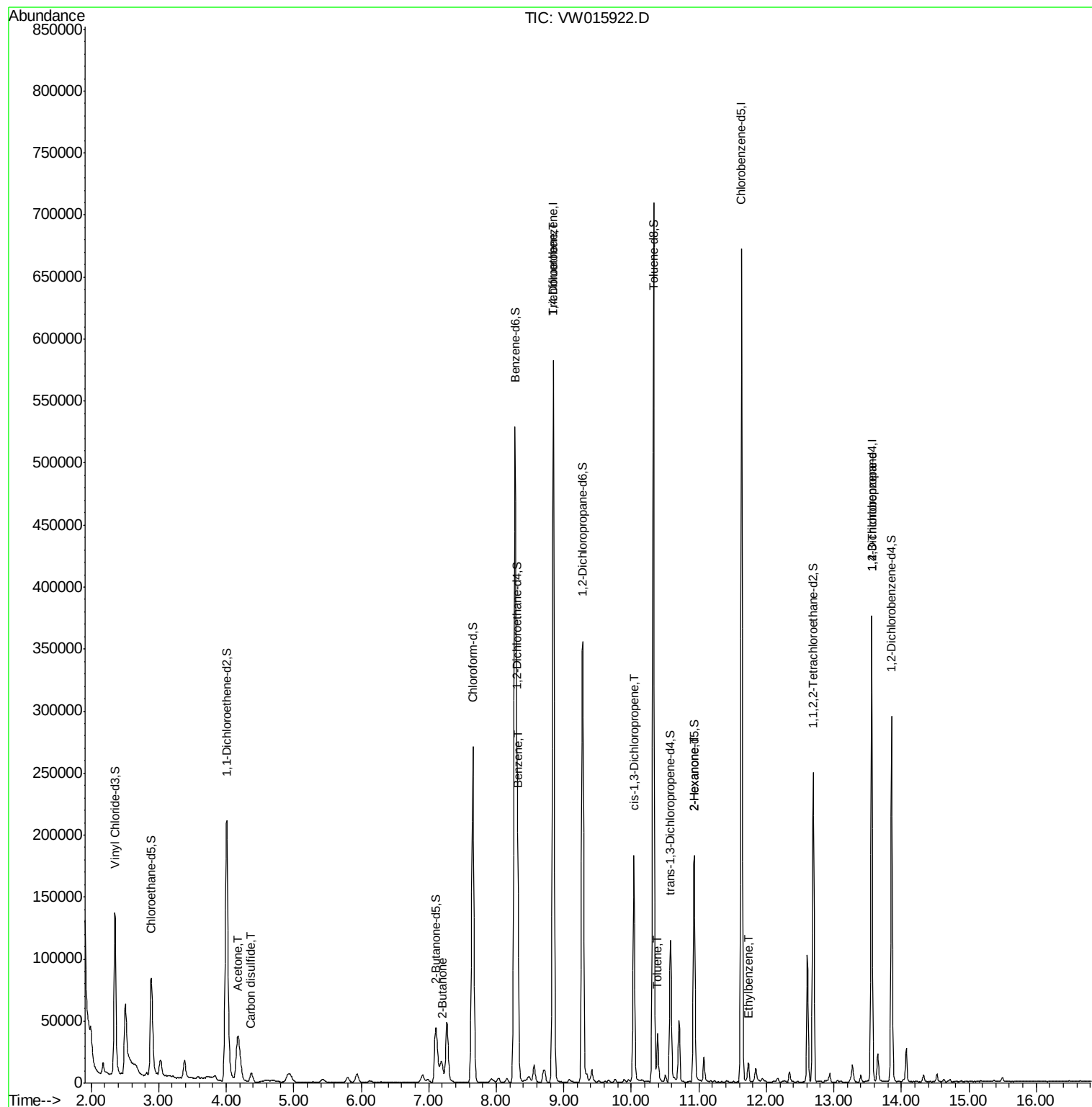
					Ovalue
13) Acetone	4.18	43	103265	68.862	ug/L 97
14) Carbon disulfide	4.37	76	16489	0.843	ug/L 97
21) 2-Butanone	7.20	43	13897	7.494	ug/L 96
34) Benzene	8.32	78	16718	0.743	ug/L 100
35) Trichloroethene	8.85	95	14071	2.365	ug/L # 6
42) cis-1,3-Dichloropropene	10.04	75	4409	0.520	ug/L # 65
44) Toluene	10.39	91	27248	1.155	ug/L 98
49) 2-Hexanone	10.93	43	7531	3.264	ug/L # 68
53) Ethylbenzene	11.73	91	10063	0.379	ug/L 99
59) 1,2,3-Trichloropropane	13.56	75	11892	3.374	ug/L 90

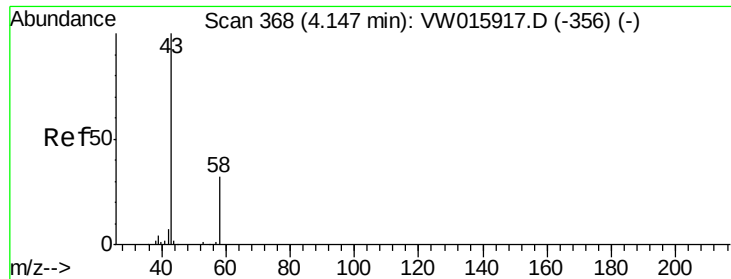
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 24 06:59:55 2020
Response via : Initial Calibration





#13

Acetone

Concen: 68.862 ug/L

RT: 4.18 min Scan# 373

Delta R.T. 0.03 min

Lab File: VW015922.D

Acq: 23 Jul 2020 15:29

Instrument :

MSVOA_W

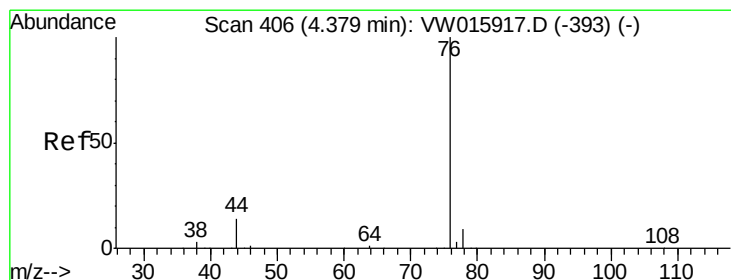
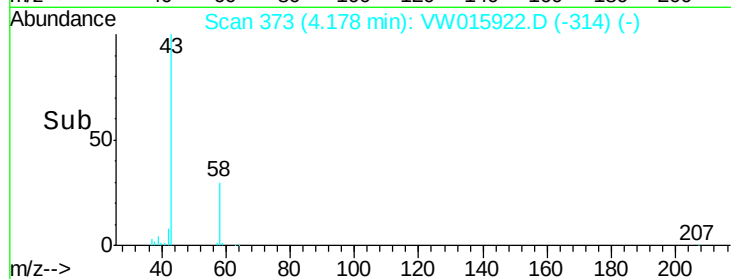
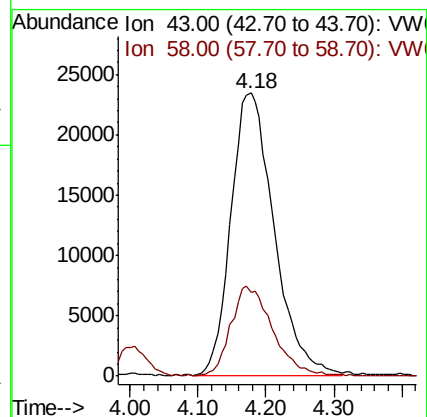
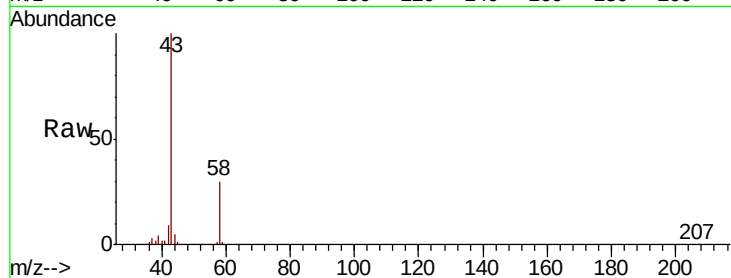
ClientSampled :

Tot Ion: 43 Resp: 103265

Ion Ratio Lower Upper

43 100

58 30.9 0.0 58.2



#14

Carbon disulfide

Concen: 0.843 ug/L

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW015922.D

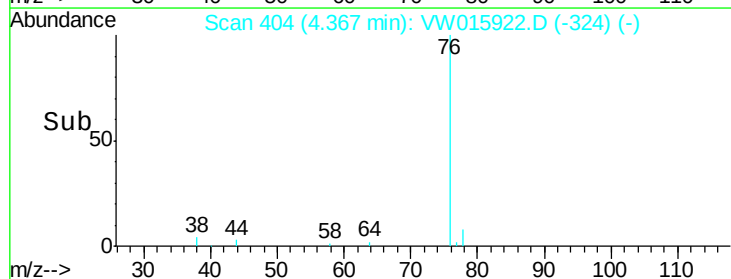
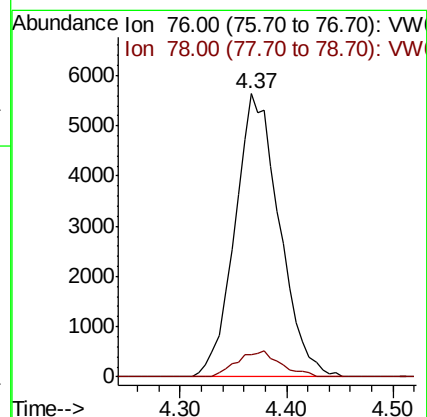
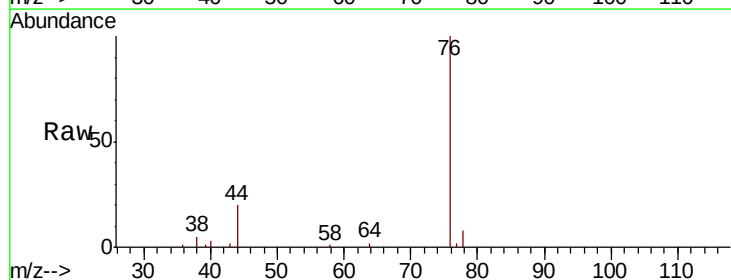
Acq: 23 Jul 2020 15:29

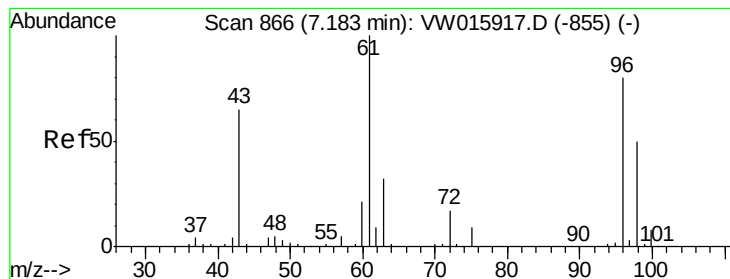
Tgt Ion: 76 Resp: 16489

Ion Ratio Lower Upper

76 100

78 8.0 7.2 10.8





#21

2-Butanone

Concen: 7.494 ug/L

RT: 7.20 min Scan# 869

Delta R.T. 0.02 min

Lab File: VW015922.D

Acq: 23 Jul 2020 15:29

Instrument :

MSVOA_W

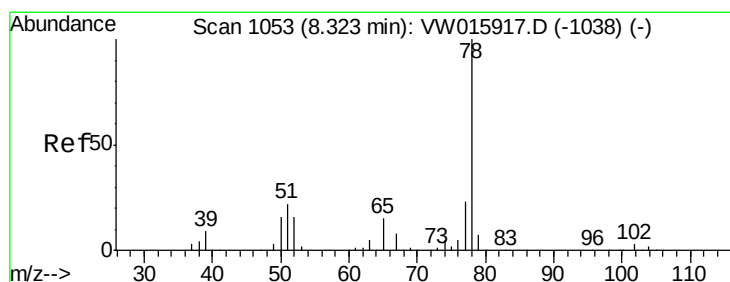
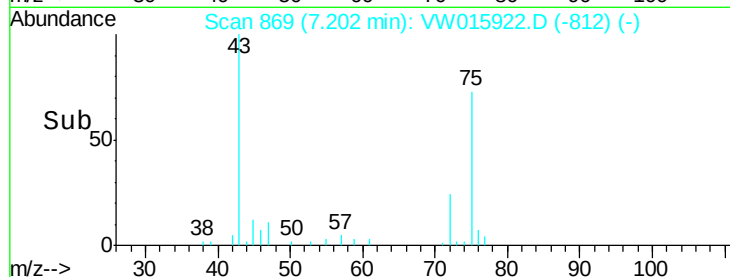
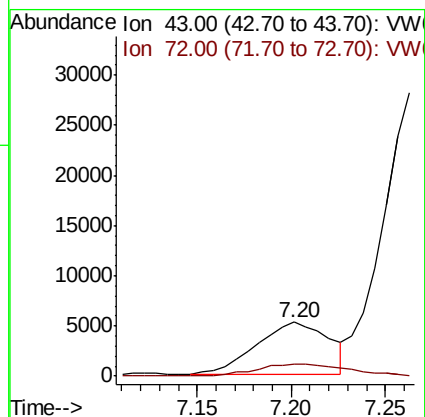
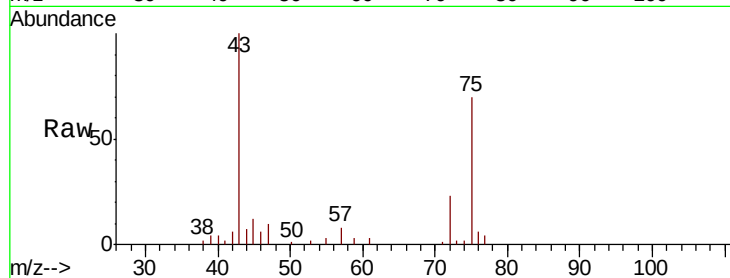
ClientSampleId :

Tot Ion: 43 Resp: 13897

Ion Ratio Lower Upper

43 100

72 30.2 13.9 41.7



#34

Benzene

Concen: 0.743 ug/L

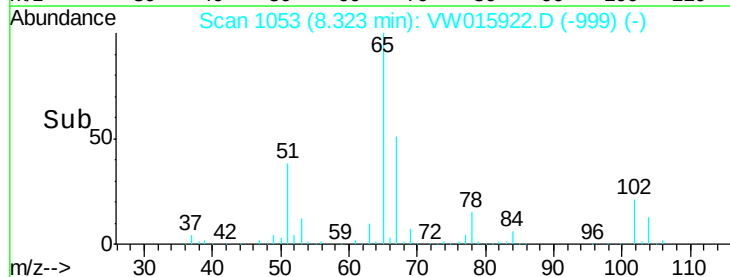
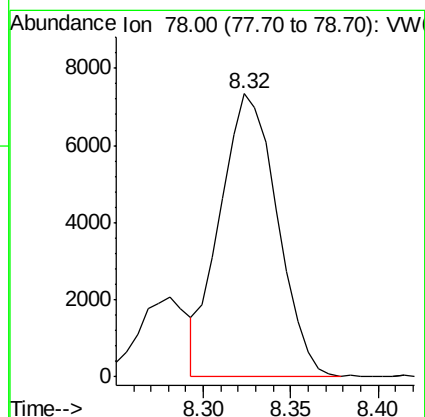
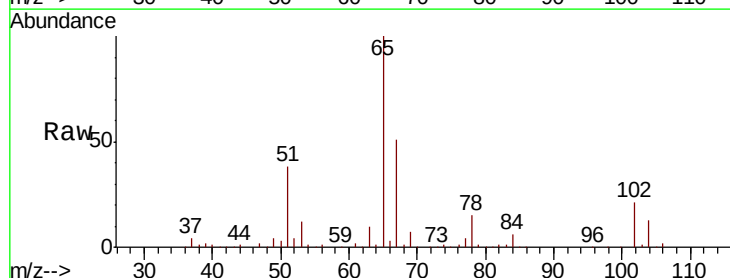
RT: 8.32 min Scan# 1053

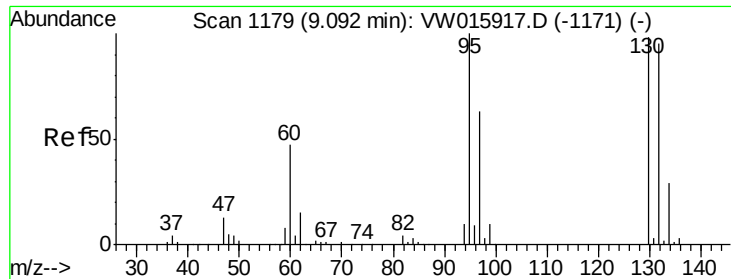
Delta R.T. -0.00 min

Lab File: VW015922.D

Acq: 23 Jul 2020 15:29

Tgt Ion: 78 Resp: 16718





#35

Trichloroethene

Concen: 2.365 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW015922.D

Acq: 23 Jul 2020 15:29

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 14071

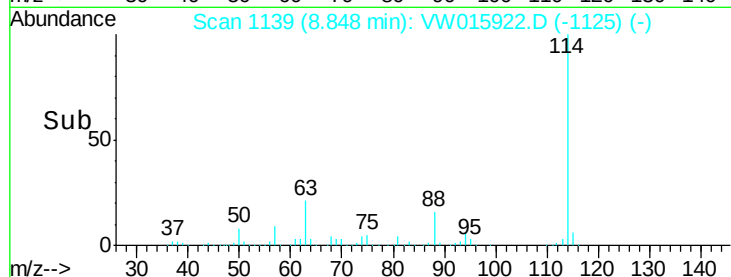
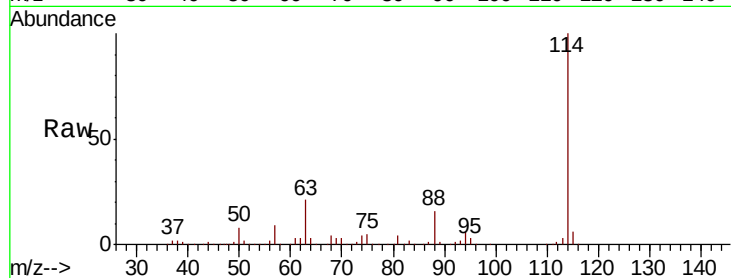
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.4#

132 0.3 65.1 120.9#

130 0.0 68.6 127.4#

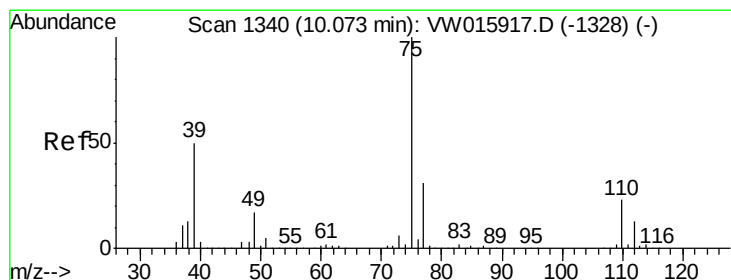
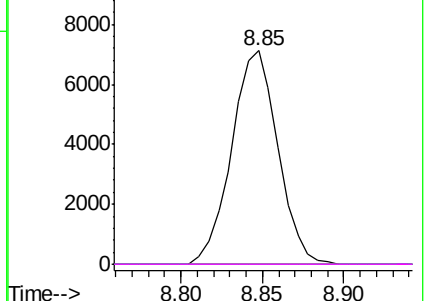


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 0.520 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW015922.D

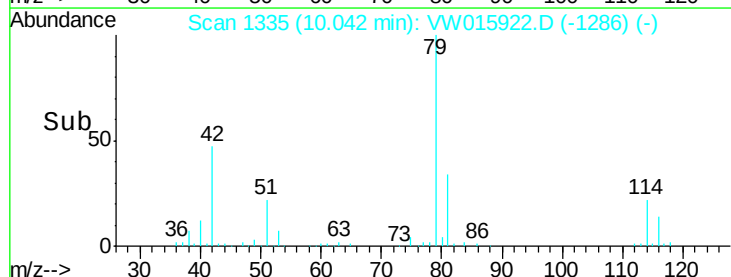
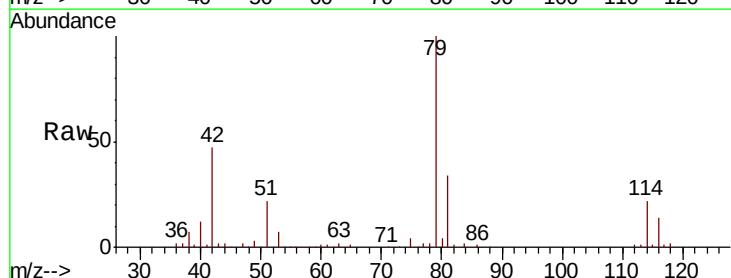
Acq: 23 Jul 2020 15:29

Tgt Ion: 75 Resp: 4409

Ion Ratio Lower Upper

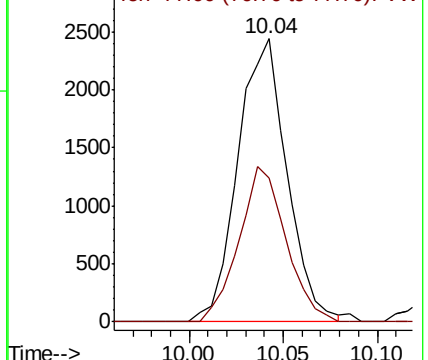
75 100

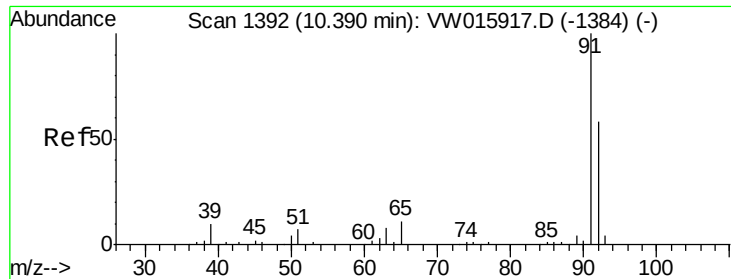
77 51.0 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 1.155 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015922.D

Acq: 23 Jul 2020 15:29

Instrument :

MSVOA_W

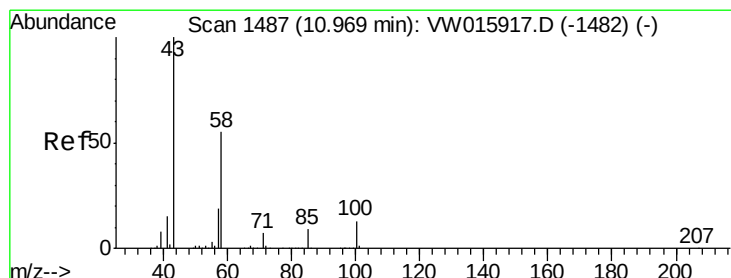
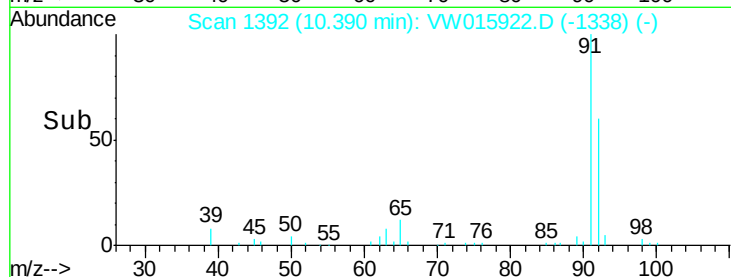
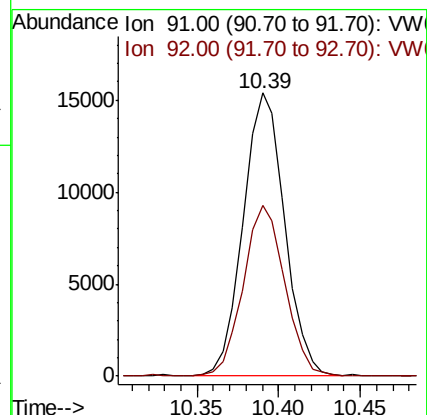
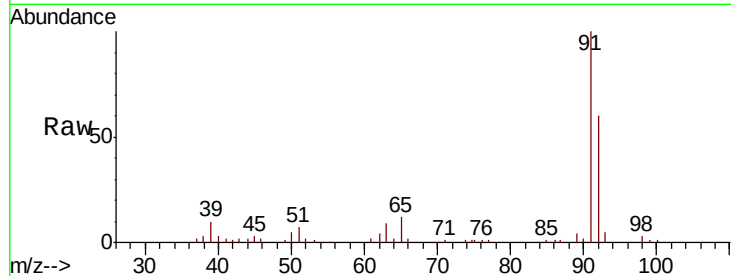
ClientSampled :

Tot Ion: 91 Resp: 27248

Ion Ratio Lower Upper

91 100

92 60.4 41.2 76.4



#49

2-Hexanone

Concen: 3.264 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW015922.D

Acq: 23 Jul 2020 15:29

Tgt Ion: 43 Resp: 7531

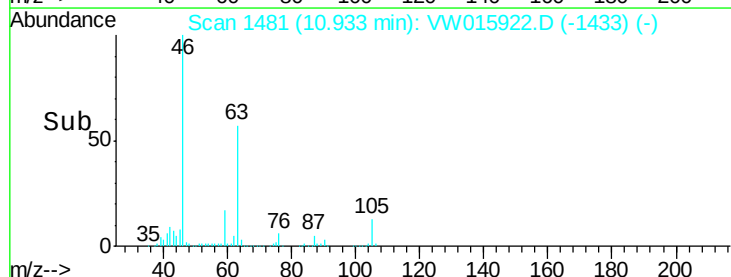
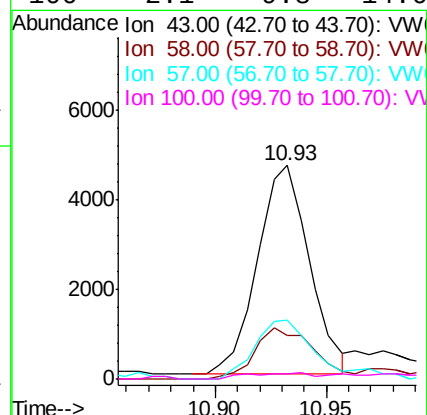
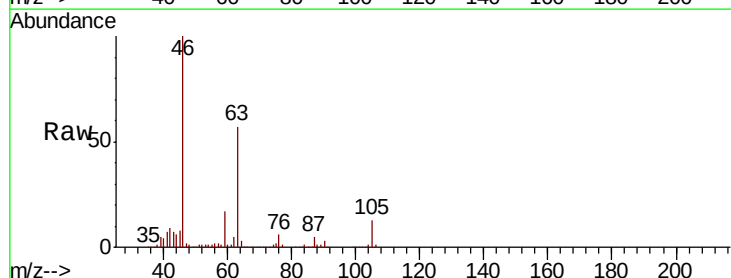
Ion Ratio Lower Upper

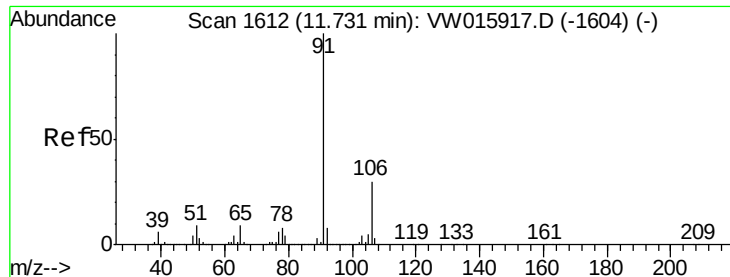
43 100

58 27.5 42.4 63.6#

57 30.4 15.6 23.4#

100 2.1 9.8 14.6#





#53

Ethylbenzene

Concen: 0.379 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW015922.D

Acq: 23 Jul 2020 15:29

Instrument :

MSVOA_W

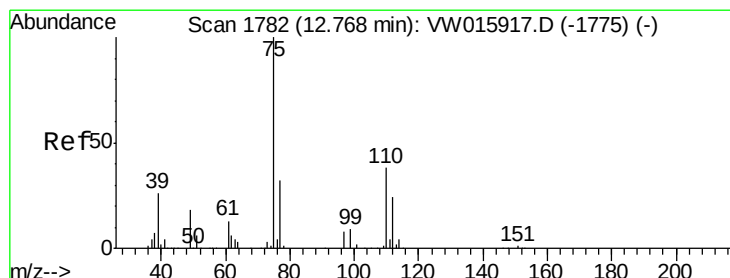
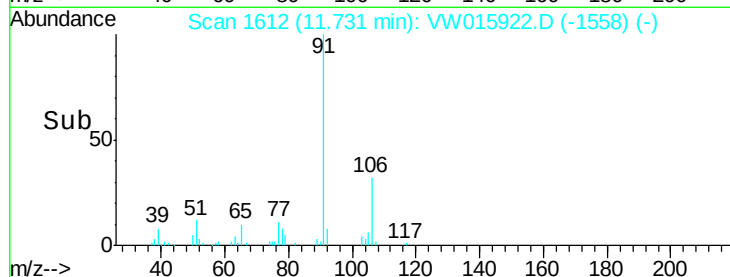
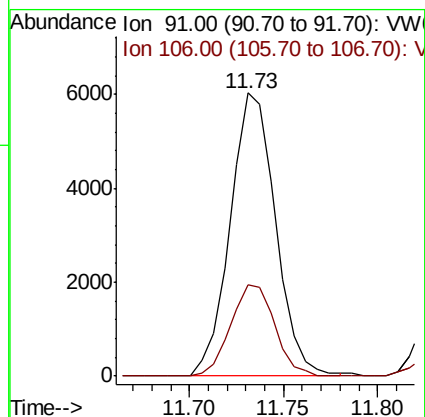
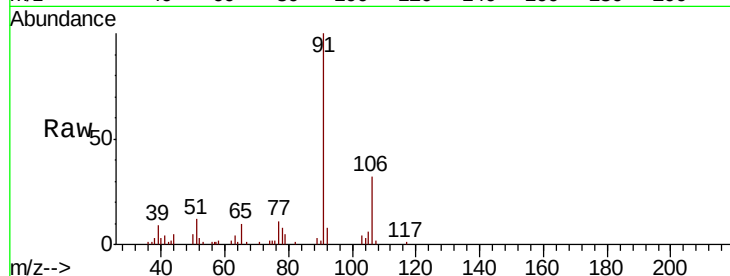
ClientSampleId :

Tot Ion: 91 Resp: 10063

Ion Ratio Lower Upper

91 100

106 32.5 22.4 41.6



#59

1,2,3-Trichloropropane

Concen: 3.374 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015922.D

Acq: 23 Jul 2020 15:29

Tgt Ion: 75 Resp: 11892

Ion Ratio Lower Upper

75 100

77 38.3 26.0 39.0

