

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072120\
 Data File : VW015890.D
 Acq On : 21 Jul 2020 16:32
 Operator : SY/VA
 Sample : L3347-04MSD
 Misc : 7.25G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXZ8MSD

Quant Time: Jul 22 07:42:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 22 06:22:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	414316	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	391668	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	175820	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	143228	24.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.00%
7) Chloroethane-d5	2.89	69	109214	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.00%
10) 1,1-Dichloroethene-d2	4.02	63	273351	23.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.52%
20) 2-Butanone-d5	7.09	46	76417	49.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.52%
24) Chloroform-d	7.65	84	259717	22.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.28%
26) 1,2-Dichloroethane-d4	8.31	65	155791	24.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.56%
29) Benzene-d6	8.27	84	530209	22.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.96%
33) 1,2-Dichloropropane-d6	9.27	67	159901	22.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.48%
37) Toluene-d8	10.33	98	476269	22.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.20%
38) trans-1,3-Dichloropropene-	10.58	79	68494	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.92%
39) 2-Hexanone-d5	10.93	63	59776	50.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.46%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	128698	23.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	163073	23.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.16%

Target Compounds

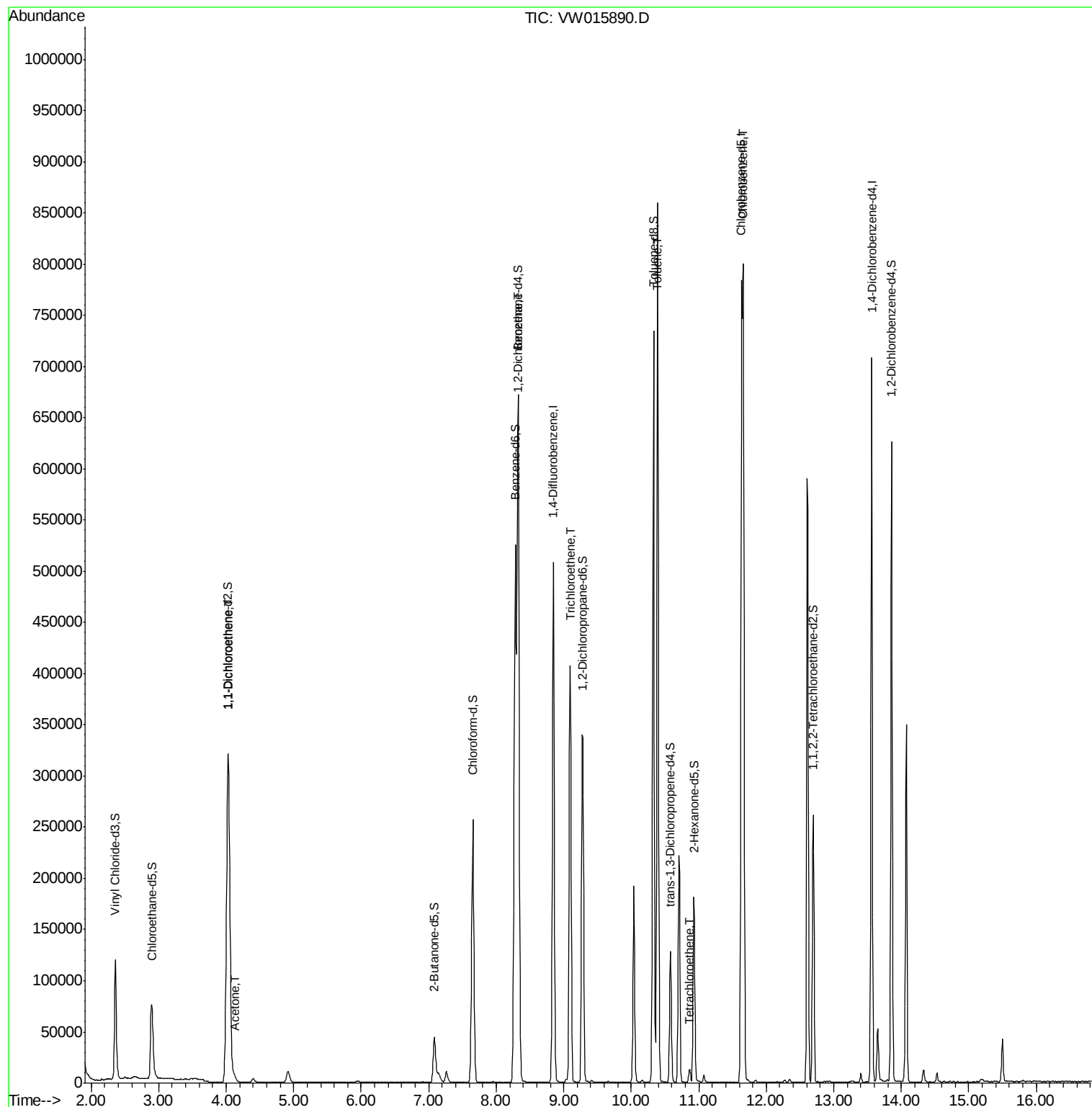
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	120401	22.606	ug/L	86
13) Acetone	4.13	43	7060	5.474	ug/L	97
34) Benzene	8.33	78	569049	23.921	ug/L	100
35) Trichloroethene	9.09	95	144432	22.952	ug/L	98
44) Toluene	10.39	91	605346	24.263	ug/L	99
47) Tetrachloroethene	10.87	164	2906	0.595	ug/L	93
52) Chlorobenzene	11.66	112	388397	24.294	ug/L	99

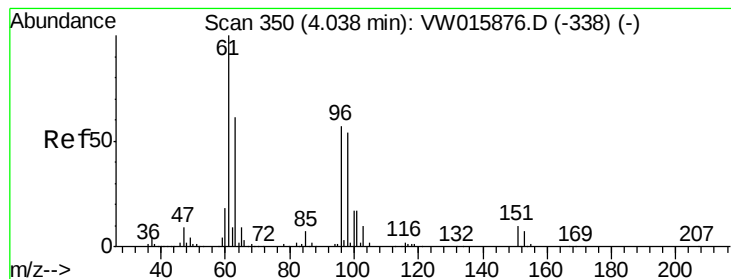
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 22 07:42:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 22 06:22:59 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 22.606 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW015890.D

Acq: 21 Jul 2020 16:32

Instrument :

MSVOA_W

ClientSampleId :

GAXZ8MSD

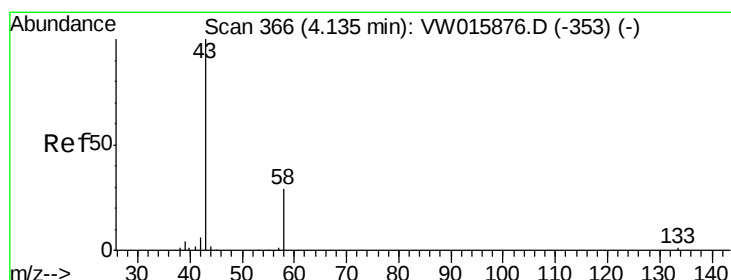
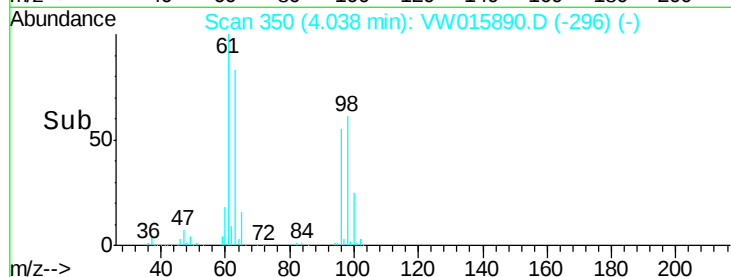
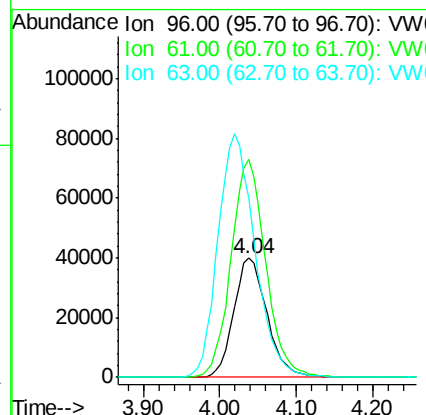
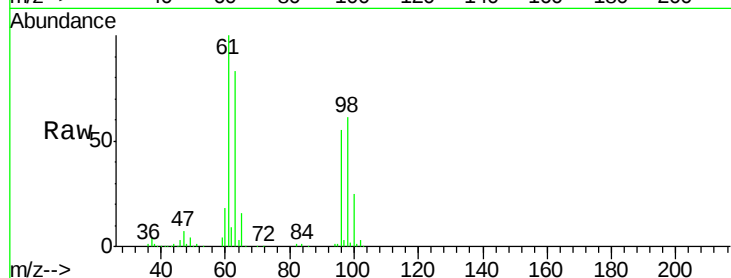
Tot Ion: 96 Resp: 120401

Ion Ratio Lower Upper

96 100

61 182.6 125.0 232.2

63 150.7 82.3 152.8



#13

Acetone

Concen: 5.474 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW015890.D

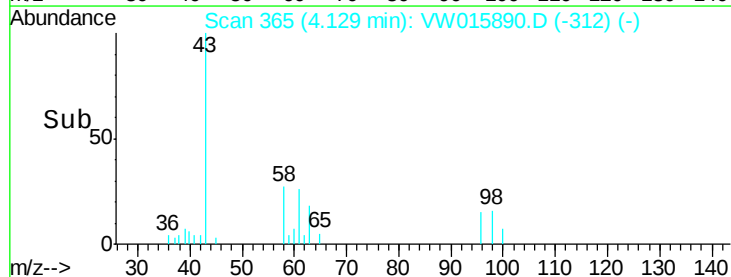
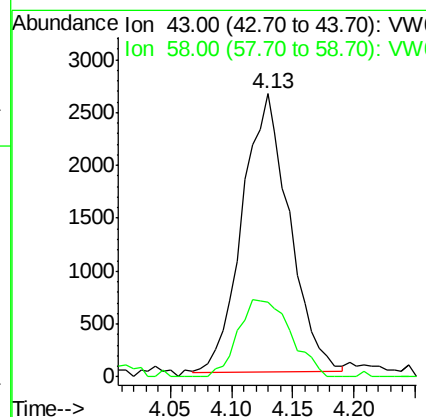
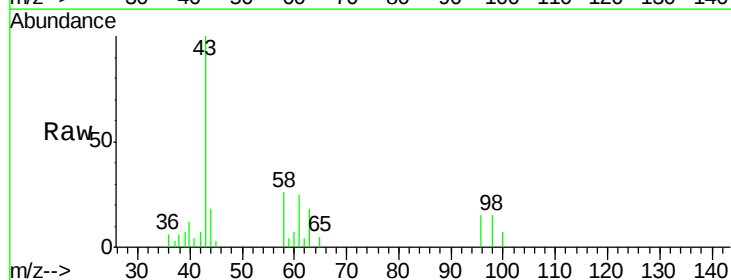
Acq: 21 Jul 2020 16:32

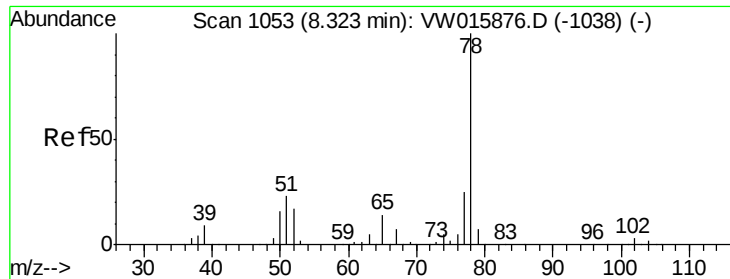
Tgt Ion: 43 Resp: 7060

Ion Ratio Lower Upper

43 100

58 30.6 0.0 58.2





#34

Benzene

Concen: 23.921 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW015890.D

Acq: 21 Jul 2020 16:32

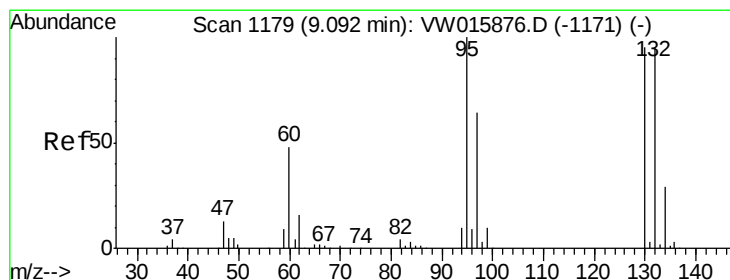
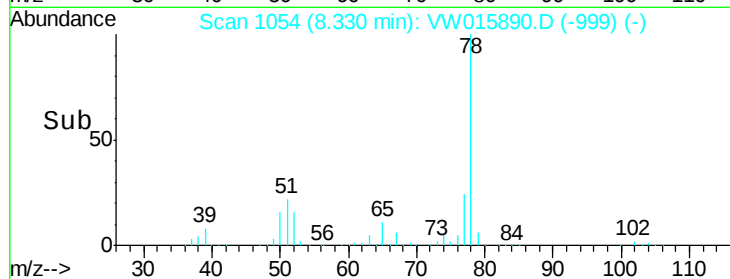
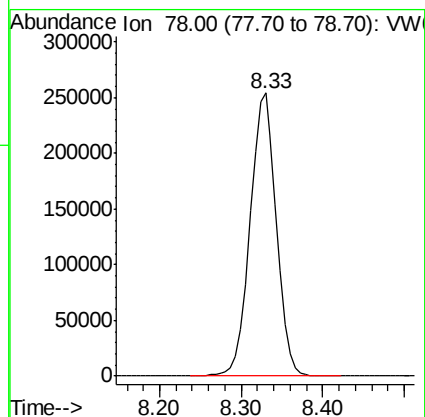
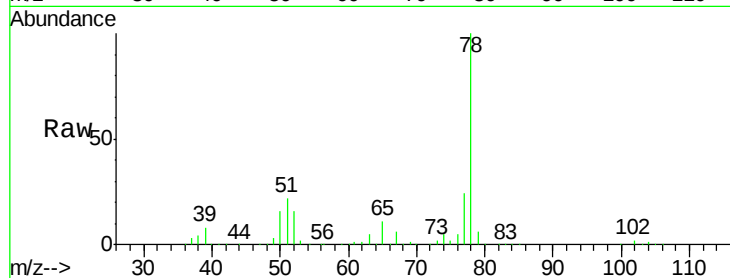
Instrument :

MSVOA_W

ClientSampleId :

GAXZ8MSD

Tgt Ion: 78 Resp: 569049



#35

Trichloroethene

Concen: 22.952 ug/L

RT: 9.09 min Scan# 1179

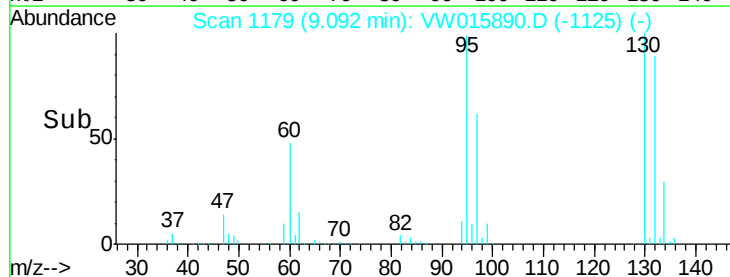
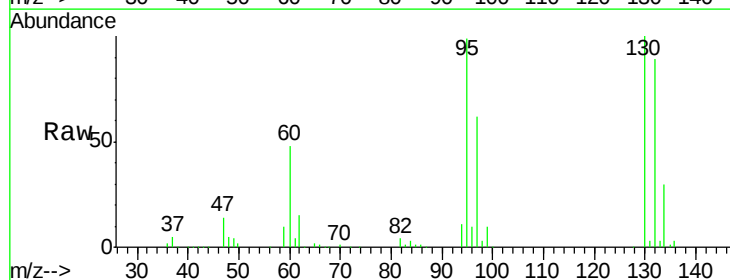
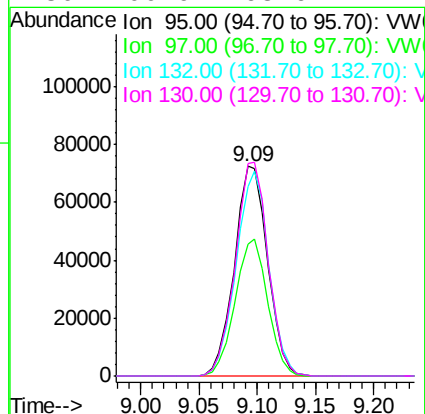
Delta R.T. 0.00 min

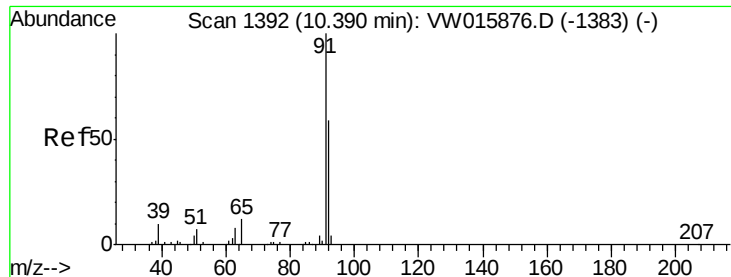
Lab File: VW015890.D

Acq: 21 Jul 2020 16:32

Tgt Ion: 95 Resp: 144432

Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.4	82.4
132	95.9	65.1	120.9
130	100.9	68.6	127.4





#44

Toluene

Concen: 24.263 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015890.D

Acq: 21 Jul 2020 16:32

Instrument :

MSVOA_W

ClientSampleId :

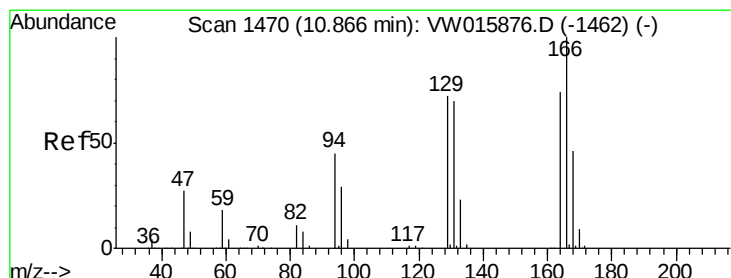
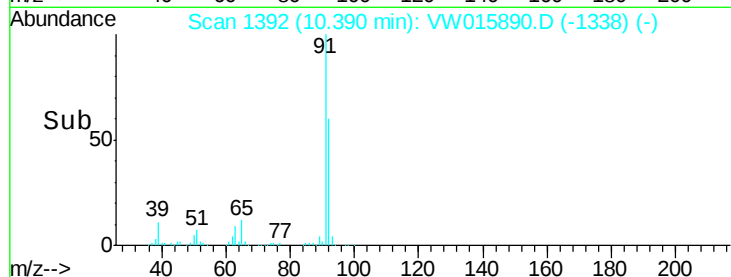
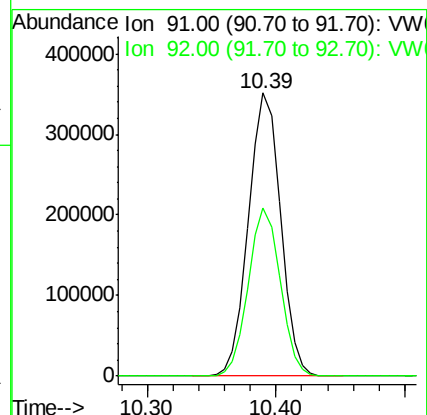
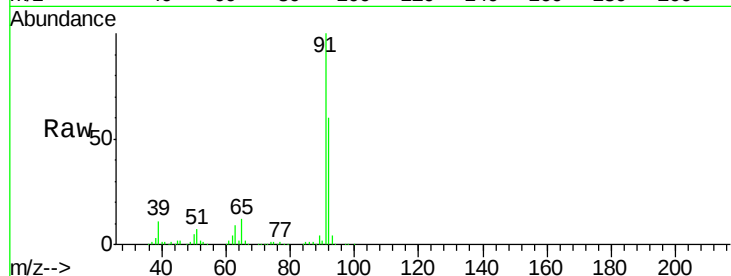
GAXZ8MSD

Tot Ion: 91 Resp: 605346

Ion Ratio Lower Upper

91 100

92 59.6 41.2 76.4



#47

Tetrachloroethene

Concen: 0.595 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW015890.D

Acq: 21 Jul 2020 16:32

Tgt Ion: 164 Resp: 2906

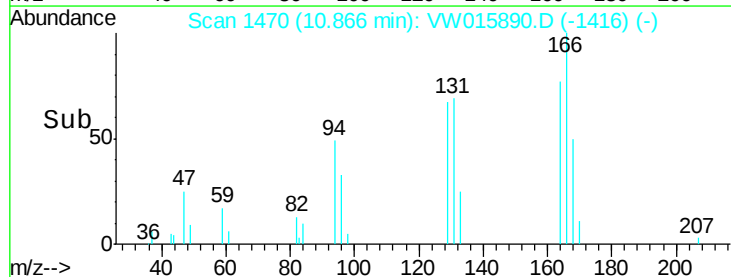
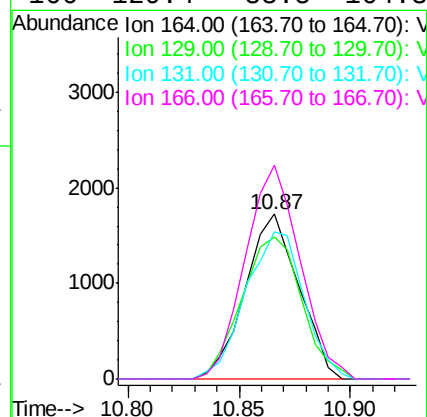
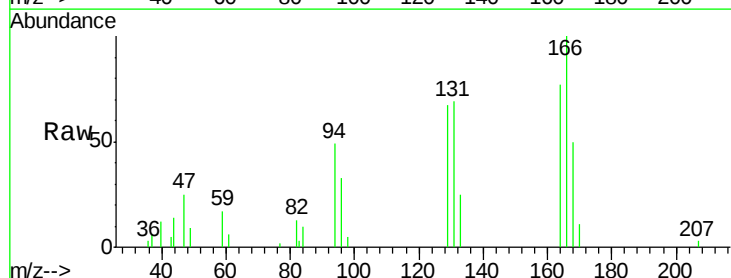
Ion Ratio Lower Upper

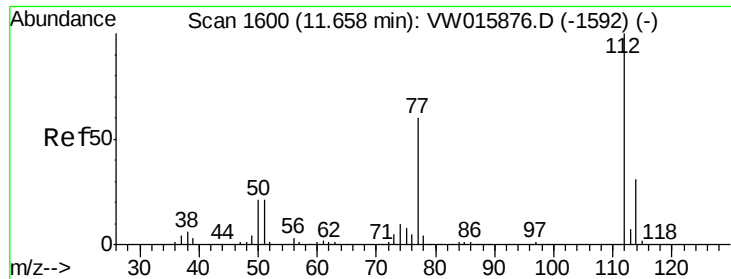
164 100

129 86.3 70.0 130.0

131 89.5 67.3 124.9

166 129.4 88.5 164.3





#52

Chlorobenzene

Concen: 24.294 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW015890.D

Acq: 21 Jul 2020 16:32

Instrument :

MSVOA_W

ClientSampleId :

GAXZ8MSD

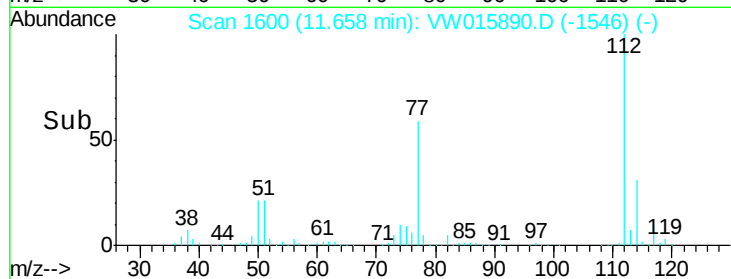
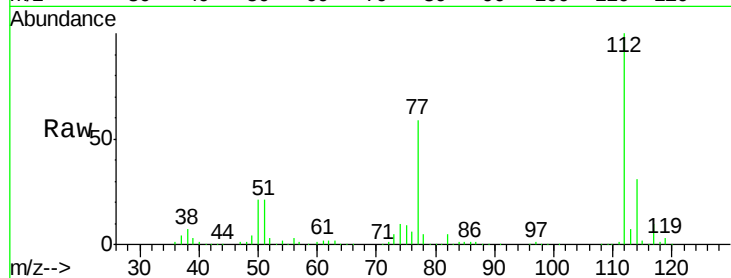
Tot Ion:112 Resp: 388397

Ion Ratio Lower Upper

112 100

77 59.5 47.8 71.6

114 30.6 22.1 41.1



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V

