

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052720\
 Data File : VW015498.D
 Acq On : 27 May 2020 12:50
 Operator : SY/VA
 Sample : L2755-07MS
 Misc : 9.26G/10.0mL/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXD2MS

Quant Time: May 28 01:51:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 28 01:49:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	346852	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	295217	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	111193	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	92054	28.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.84%
7) Chloroethane-d5	2.90	69	90646	28.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.72%
10) 1,1-Dichloroethene-d2	4.02	63	192019	24.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.16%
20) 2-Butanone-d5	7.08	46	62288	60.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.04%
24) Chloroform-d	7.65	84	207271	25.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.36%
26) 1,2-Dichloroethane-d4	8.31	65	126338	28.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.24%
29) Benzene-d6	8.27	84	406009	28.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.16%
33) 1,2-Dichloropropane-d6	9.27	67	128120	29.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.48%
37) Toluene-d8	10.32	98	366632	26.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.20%
38) trans-1,3-Dichloropropene-	10.58	79	52106	25.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.40%
39) 2-Hexanone-d5	10.93	63	51282	67.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94758	28.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	96408	25.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.48%

Target Compounds

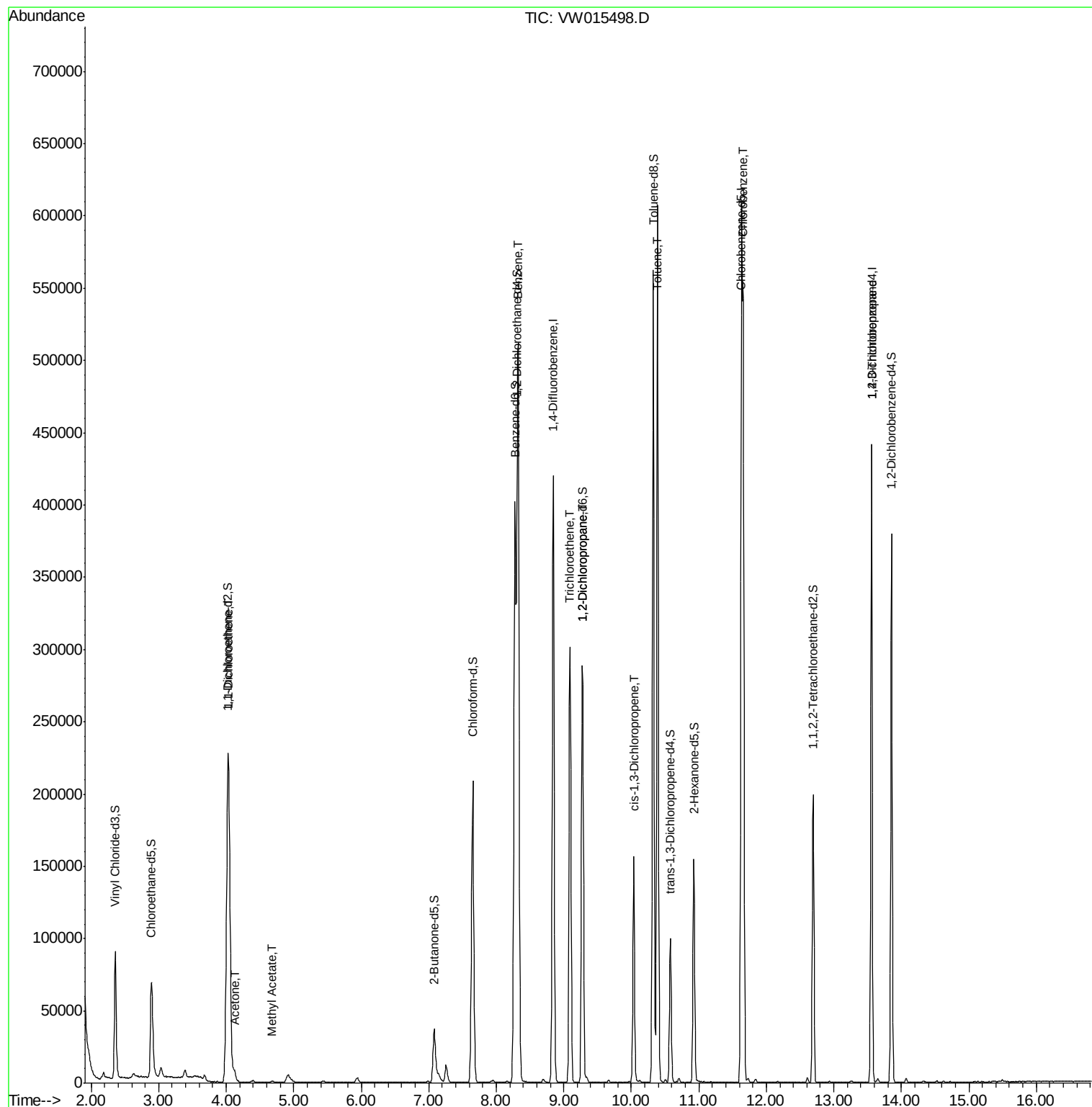
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	87260	21.099	ug/L	97
13) Acetone	4.12	43	10545	13.144	ug/L	100
15) Methyl Acetate	4.68	43	1630	0.939	ug/L #	87
34) Benzene	8.32	78	421477	25.529	ug/L	100
35) Trichloroethene	9.09	95	103969	23.445	ug/L	100
40) 1,2-Dichloropropane	9.27	63	15553	3.826	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3958	0.608	ug/L	85
44) Toluene	10.39	91	431502	23.990	ug/L	100
52) Chlorobenzene	11.66	112	257769	22.848	ug/L	96
59) 1,2,3-Trichloropropane	13.56	75	14411	5.772	ug/L	90

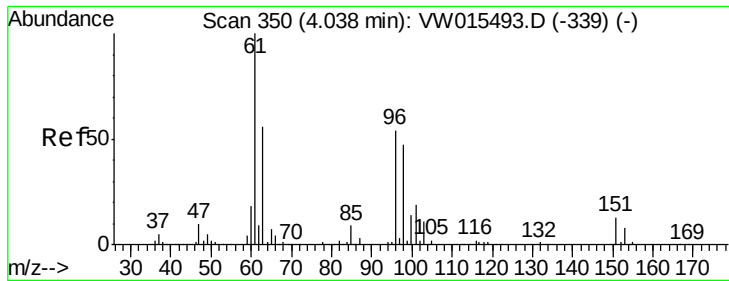
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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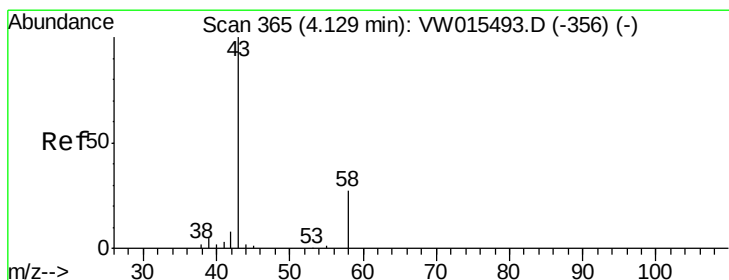
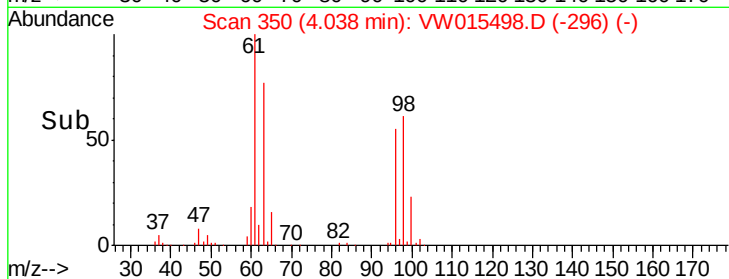
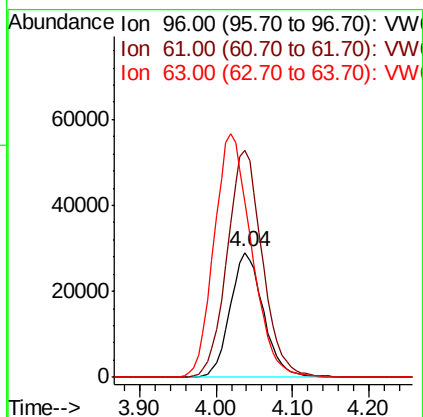
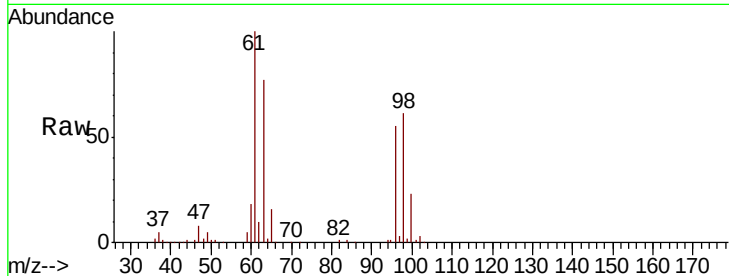




#12
 1,1-Dichloroethene
 Concen: 21.099 ug/L
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW015498.D
 Acq: 27 May 2020 12:50

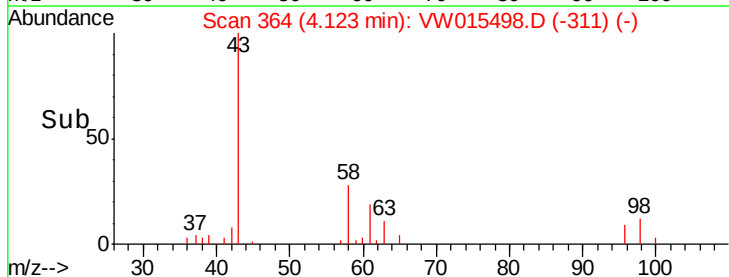
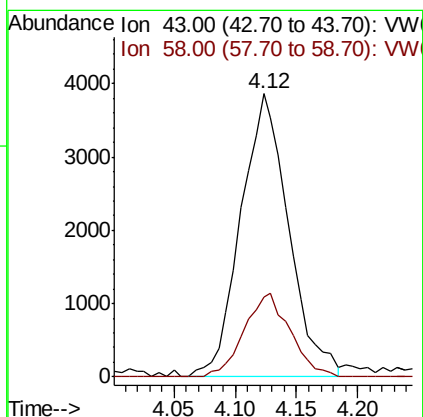
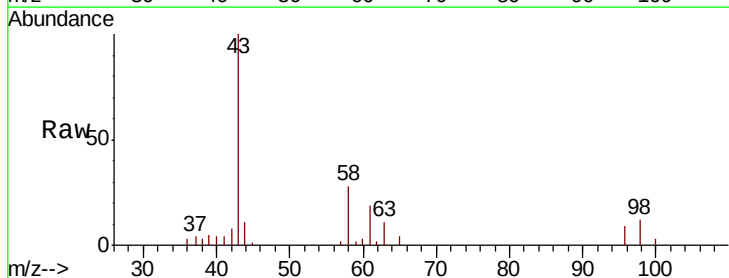
Instrument :
 MSVOA_W
 ClientSampleId :
 GAXD2MS

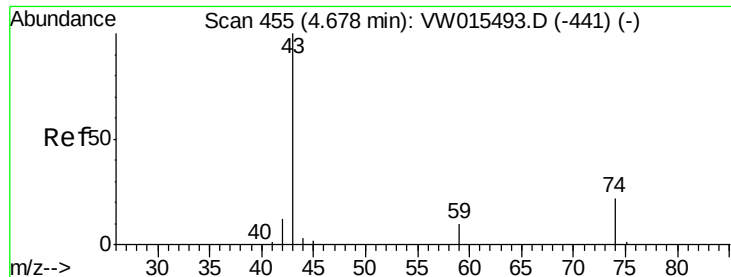
Tot Ion: 96 Resp: 87260
 Ion Ratio Lower Upper
 96 100
 61 181.5 127.7 237.1
 63 140.5 92.3 171.5



#13
 Acetone
 Concen: 13.144 ug/L
 RT: 4.12 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VW015498.D
 Acq: 27 May 2020 12:50

Tgt Ion: 43 Resp: 10545
 Ion Ratio Lower Upper
 43 100
 58 28.3 0.0 56.8

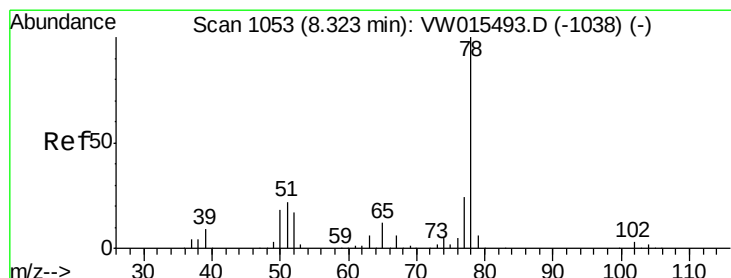
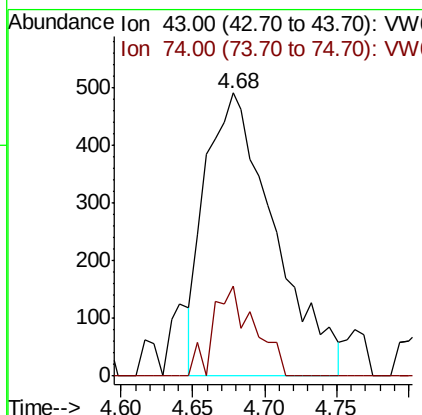
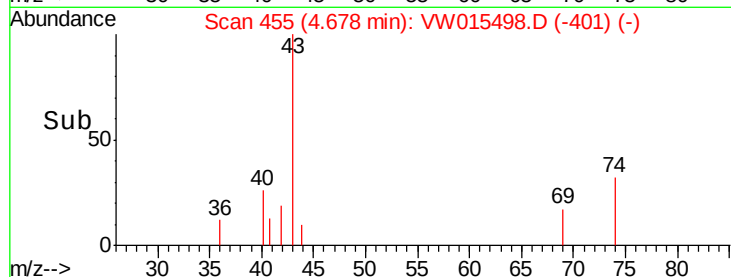
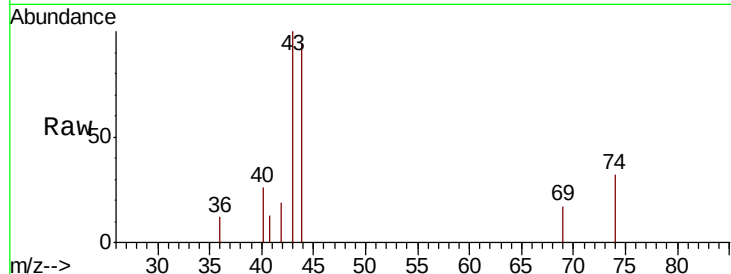




#15
Methvl Acetate
Concen: 0.939 ug/L
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW015498.D
Acq: 27 May 2020 12:50

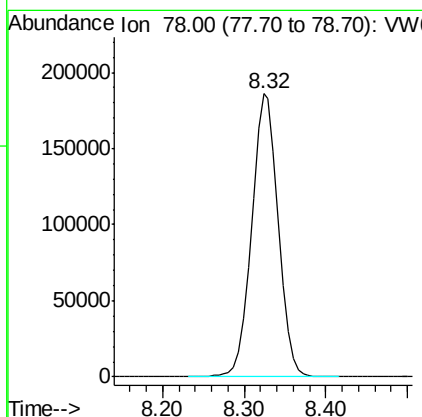
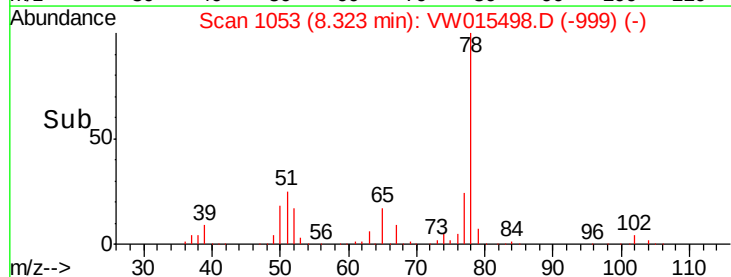
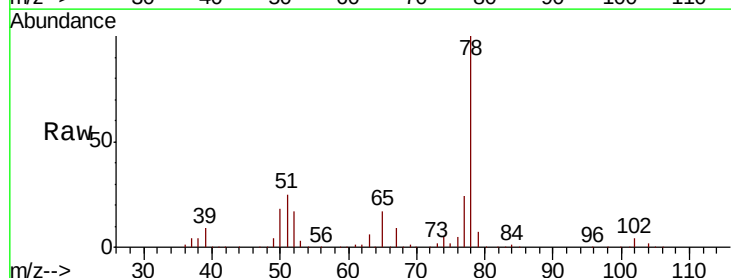
Instrument :
MSVOA_W
ClientSampled :
GAXD2MS

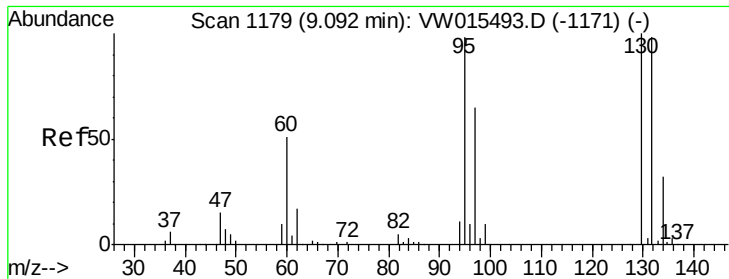
Tot Ion: 43 Resp: 1630
Ion Ratio Lower Upper
43 100
74 16.4 18.2 27.2#



#34
Benzene
Concen: 25.529 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW015498.D
Acq: 27 May 2020 12:50

Tgt Ion: 78 Resp: 421477





#35

Trichloroethene

Concen: 23.445 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015498.D

Acq: 27 May 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

GAXD2MS

Tot Ion: 95 Resp: 103969

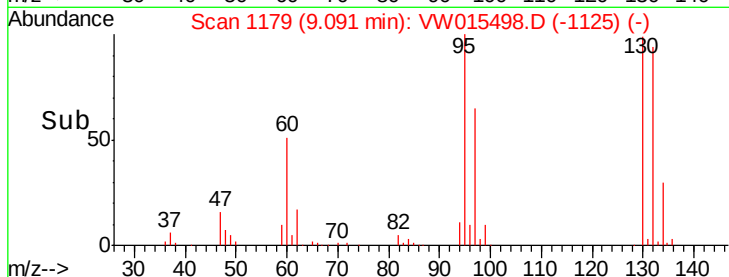
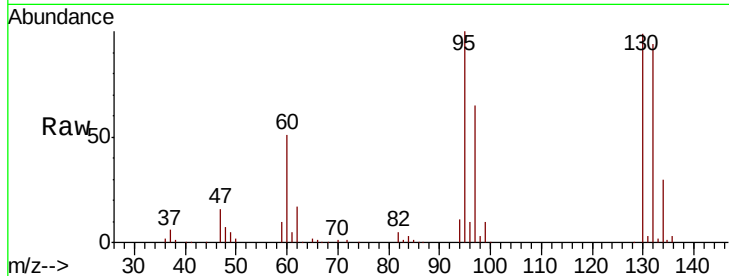
Ion Ratio Lower Upper

95 100

97 64.8 45.4 84.2

132 95.9 67.1 124.7

130 100.2 69.4 128.8

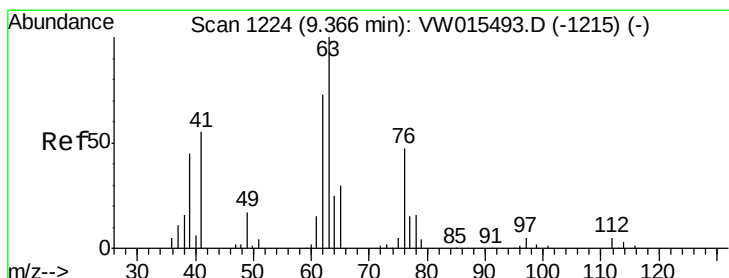
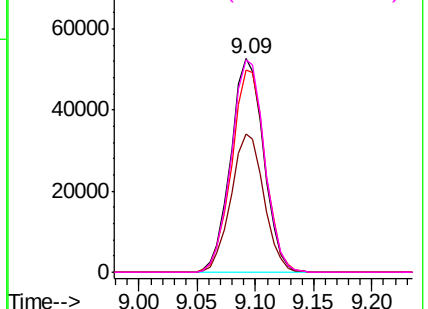


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 3.826 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW015498.D

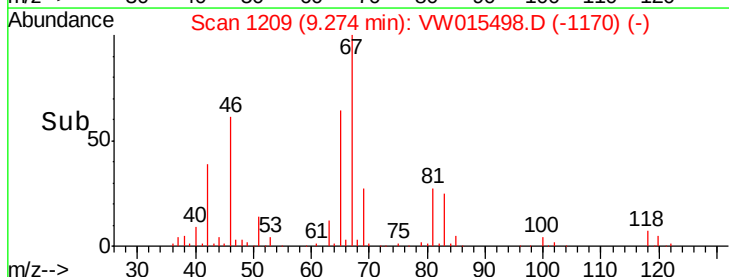
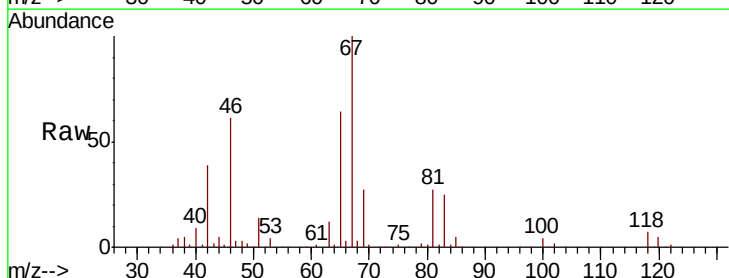
Acq: 27 May 2020 12:50

Tgt Ion: 63 Resp: 15553

Ion Ratio Lower Upper

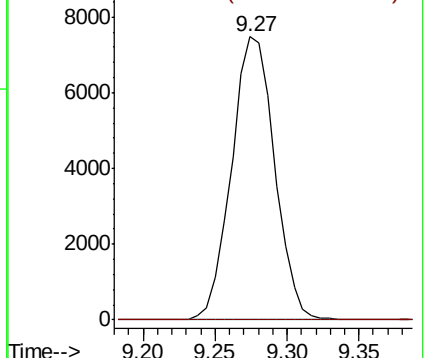
63 100

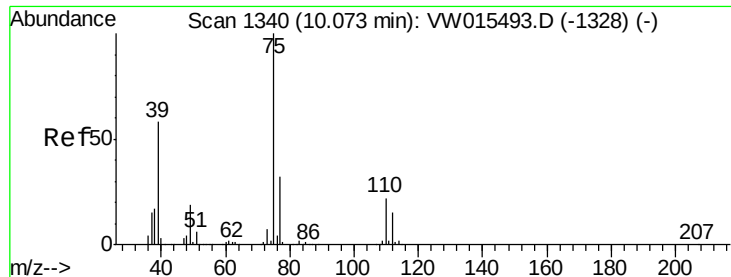
112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.608 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015498.D

Acq: 27 May 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

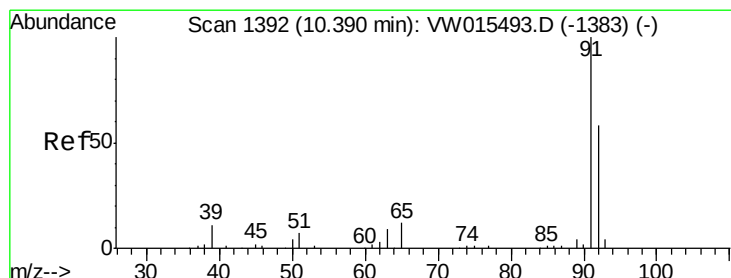
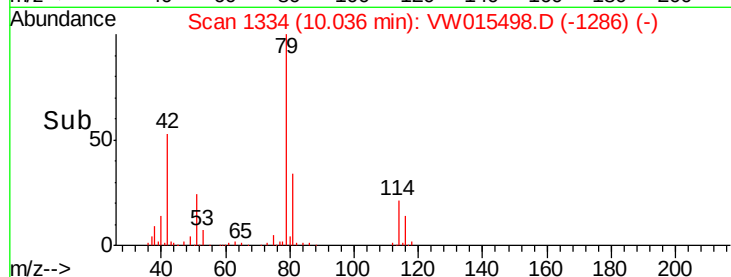
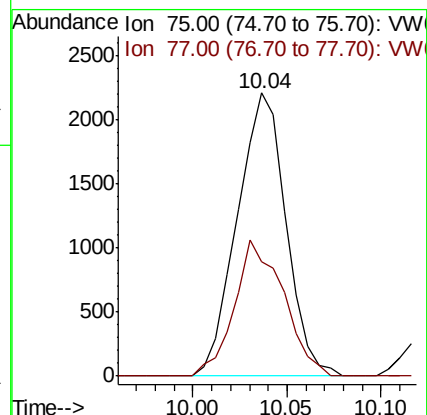
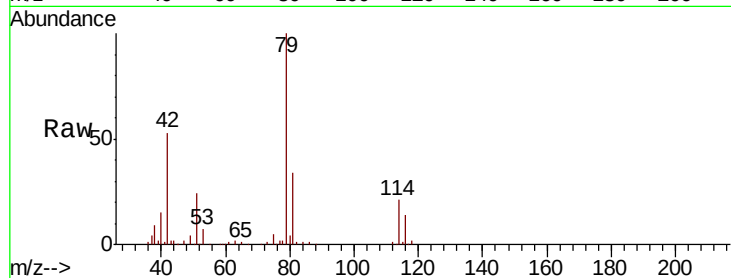
GAXD2MS

Tot Ion: 75 Resp: 3958

Ion Ratio Lower Upper

75 100

77 40.5 22.3 41.5



#44

Toluene

Concen: 23.990 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015498.D

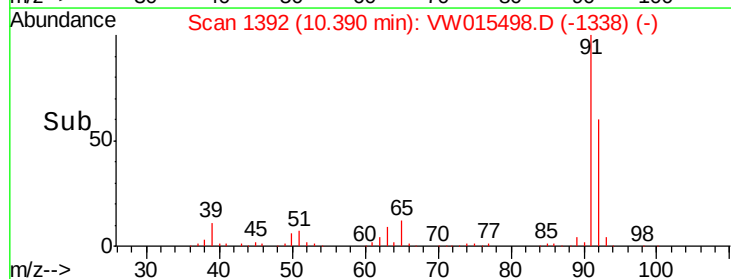
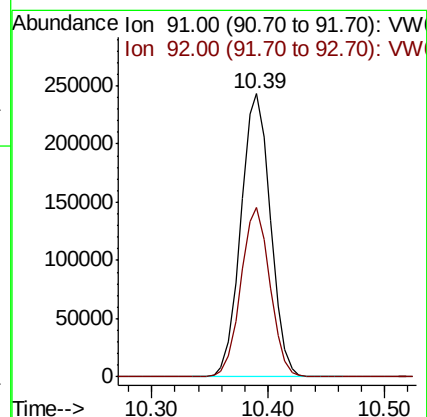
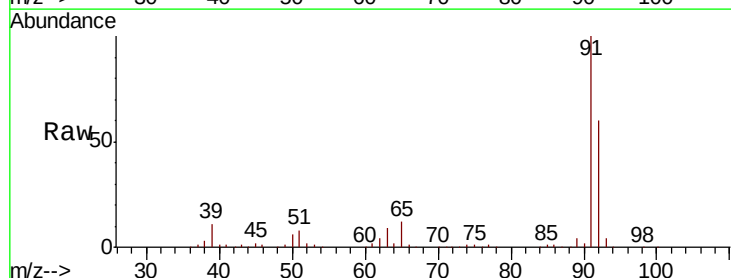
Acq: 27 May 2020 12:50

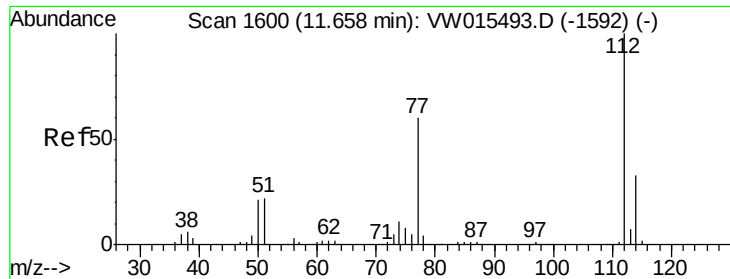
Tgt Ion: 91 Resp: 431502

Ion Ratio Lower Upper

91 100

92 60.0 41.7 77.5





#52

Chlorobenzene

Concen: 22.848 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW015498.D

Acq: 27 May 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

GAXD2MS

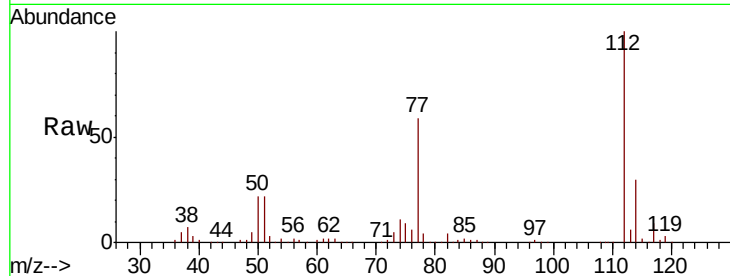
Tot Ion:112 Resp: 257769

Ion Ratio Lower Upper

112 100

77 58.5 49.7 74.5

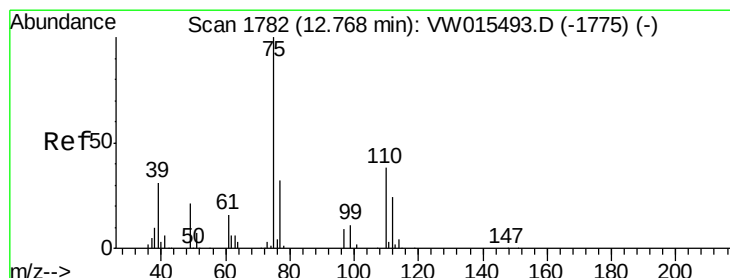
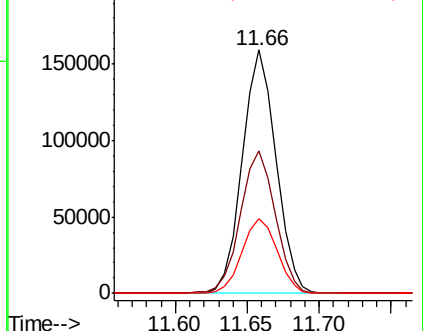
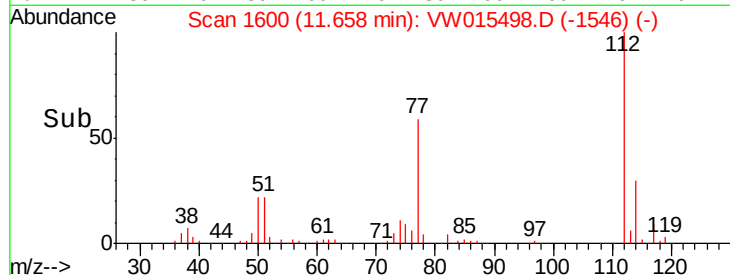
114 30.5 21.8 40.6



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



#59

1,2,3-Trichloropropane

Concen: 5.772 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015498.D

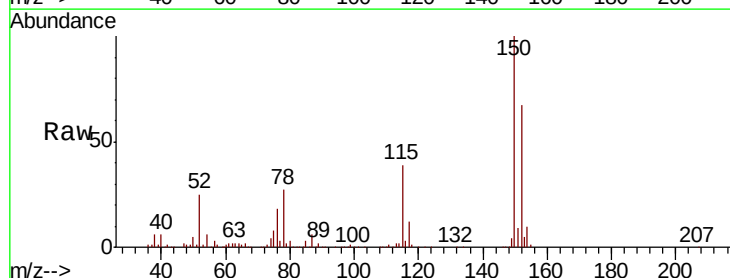
Acq: 27 May 2020 12:50

Tgt Ion: 75 Resp: 14411

Ion Ratio Lower Upper

75 100

77 38.3 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

