

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
 Data File : VW017249.D
 Acq On : 16 Nov 2020 12:12
 Operator : SY/VA
 Sample : L4739-05MS
 Misc : 6.83G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Z3MS

Quant Time: Nov 17 06:09:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 17 06:08:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	473009	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	421868	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196961	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104102	17.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.88%
7) Chloroethane-d5	2.89	69	94618	20.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.44%
10) 1,1-Dichloroethene-d2	4.02	63	225122	21.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.48%
20) 2-Butanone-d5	7.08	46	51720	38.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.64%
24) Chloroform-d	7.65	84	249401	22.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.36%
26) 1,2-Dichloroethane-d4	8.31	65	132431	24.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.48%
29) Benzene-d6	8.27	84	485408	22.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.36%
33) 1,2-Dichloropropane-d6	9.27	67	135026	22.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.88%
37) Toluene-d8	10.33	98	474540	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.72%
38) trans-1,3-Dichloropropene-	10.58	79	60883	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.92%
39) 2-Hexanone-d5	10.93	63	45619	43.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114002	22.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	170214	24.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.12%

Target Compounds

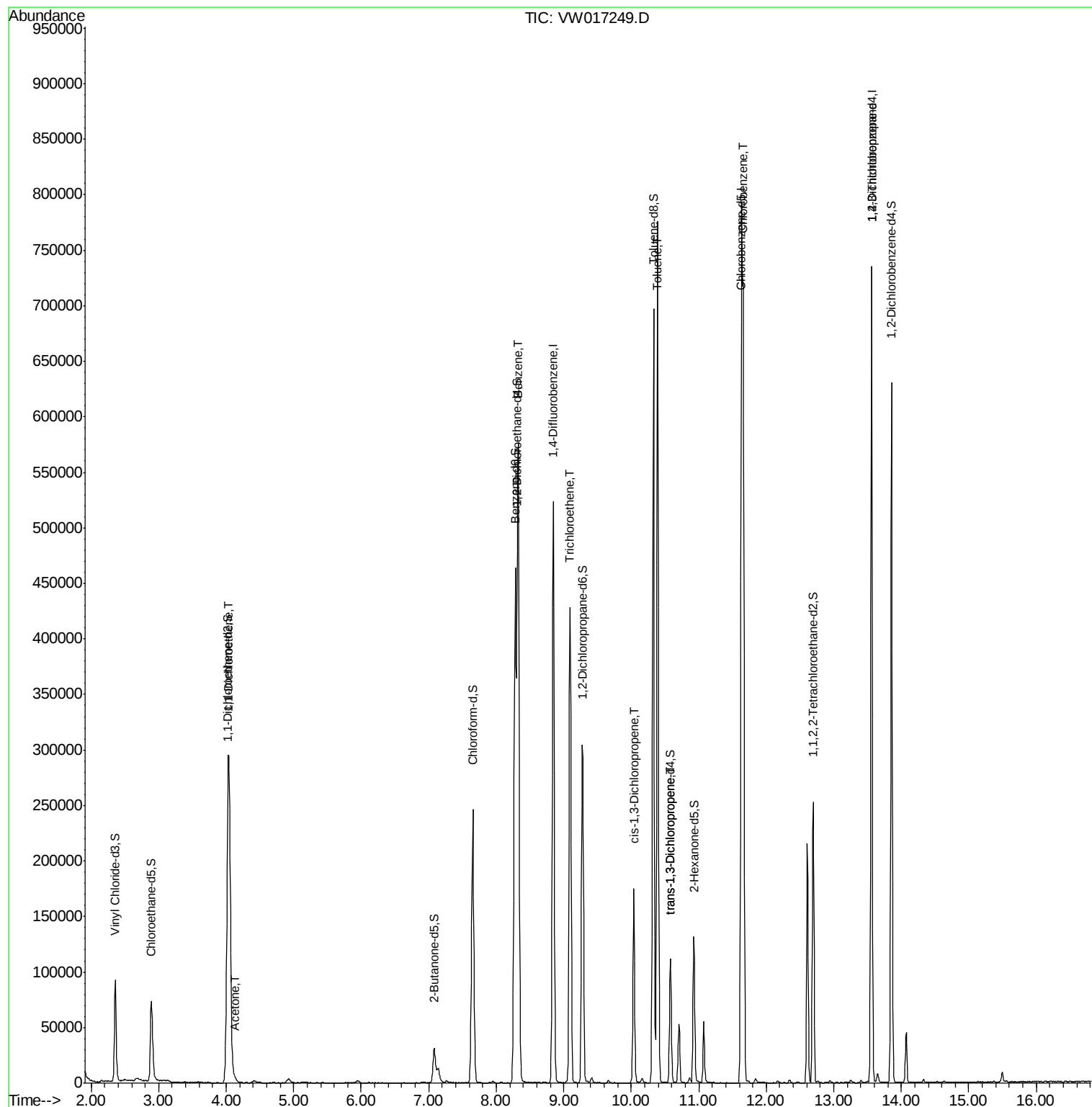
					Ovalue
12) 1,1-Dichloroethene	4.04	96	126463	21.541 ug/L	94
13) Acetone	4.13	43	4606	5.163 ug/L	93
34) Benzene	8.33	78	502868	22.701 ug/L	100
35) Trichloroethene	9.10	95	146192	23.559 ug/L	99
42) cis-1,3-Dichloropropene	10.04	75	5142	0.627 ug/L #	60
44) Toluene	10.39	91	576709	23.652 ug/L	95
45) trans-1,3-Dichloropropene	10.58	75	3291	0.467 ug/L #	71
52) Chlorobenzene	11.66	112	378880	22.974 ug/L	100
59) 1,2,3-Trichloropropane	13.56	75	21839	5.891 ug/L	89

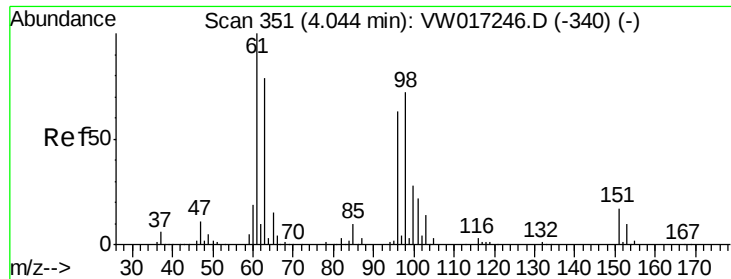
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 17 06:08:23 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 21.541 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

Lab File: VW017249.D

Acq: 16 Nov 2020 12:12

Instrument :

MSVOA_W

ClientSampleId :

GB0Z3MS

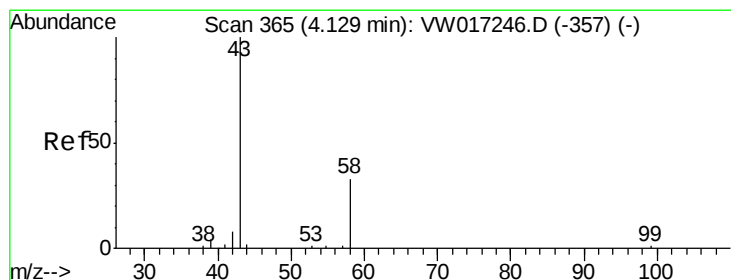
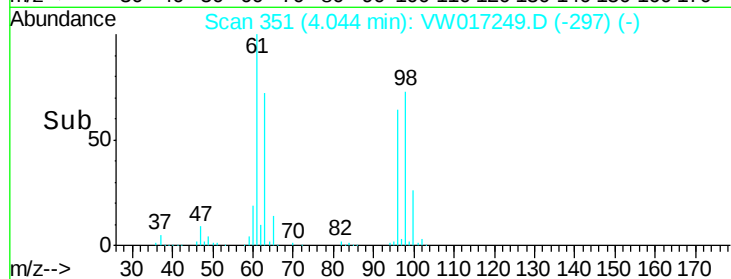
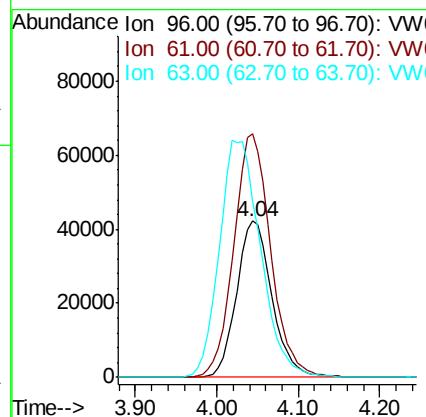
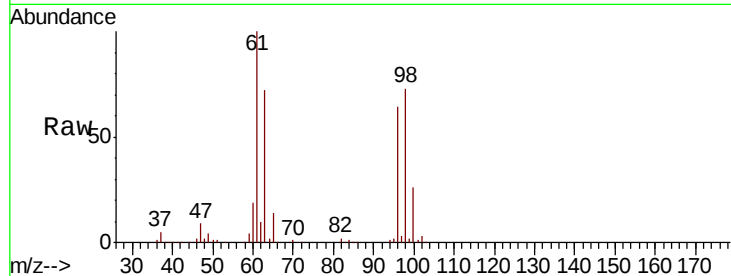
Tot Ion: 96 Resp: 126463

Ion Ratio Lower Upper

96 100

61 155.8 103.8 192.8

63 112.6 84.4 156.7



#13

Acetone

Concen: 5.163 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW017249.D

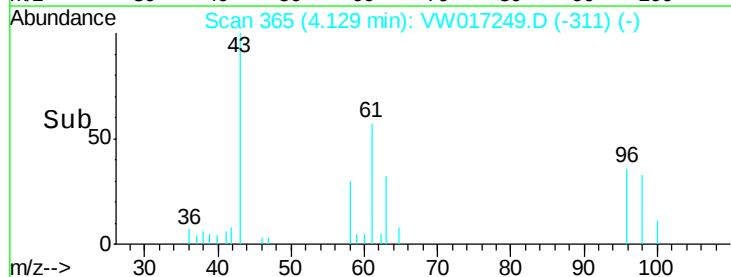
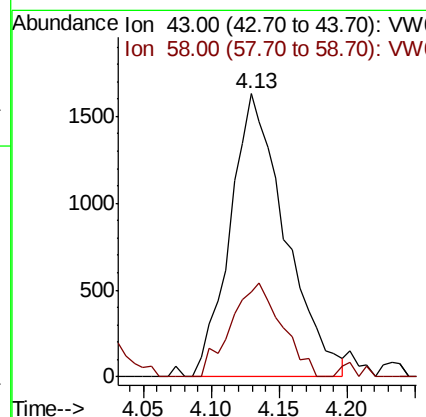
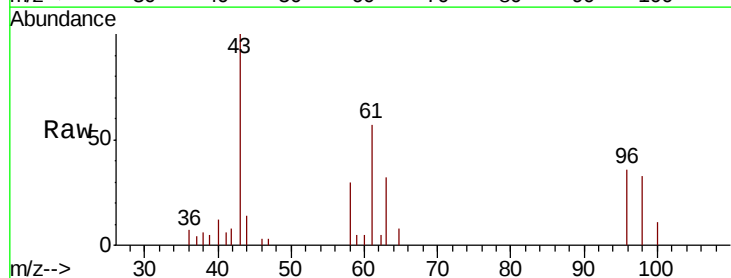
Acq: 16 Nov 2020 12:12

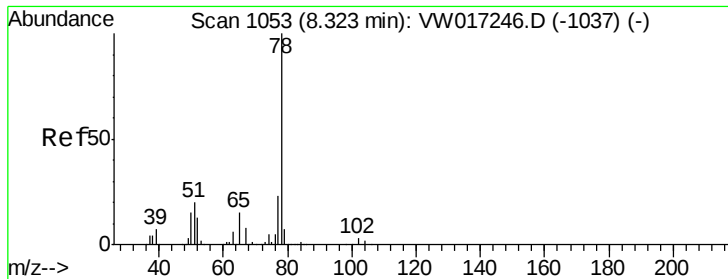
Tgt Ion: 43 Resp: 4606

Ion Ratio Lower Upper

43 100

58 30.7 0.0 69.2

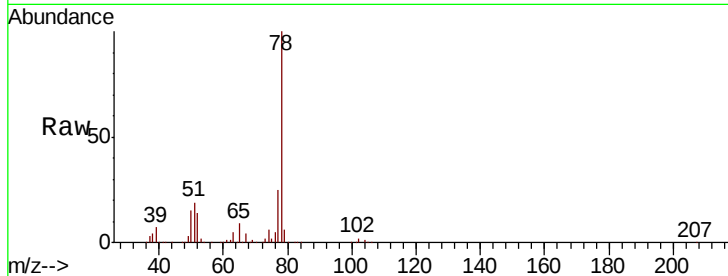




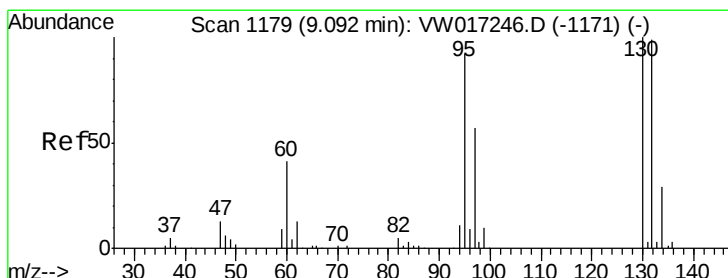
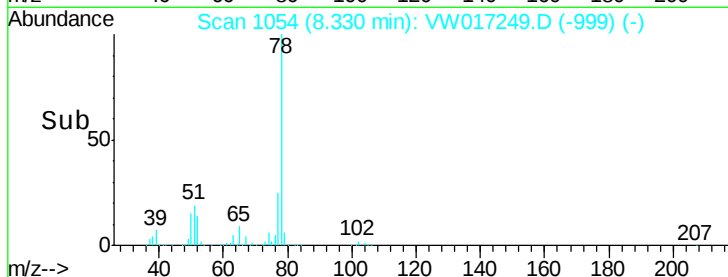
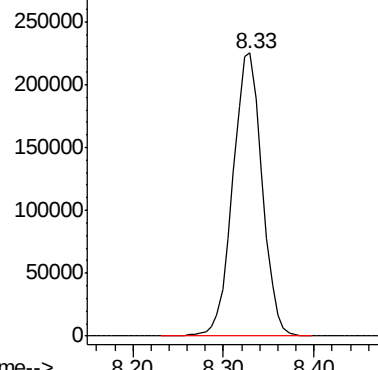
#34
Benzene
Concen: 22.701 ug/L
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW017249.D
Acq: 16 Nov 2020 12:12

Instrument :
MSVOA_W
ClientSampleId :
GB0Z3MS

Tgt Ion: 78 Resp: 502868



Abundance Ion 78.00 (77.70 to 78.70): VW



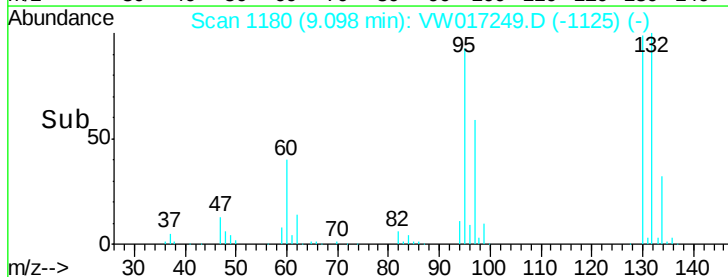
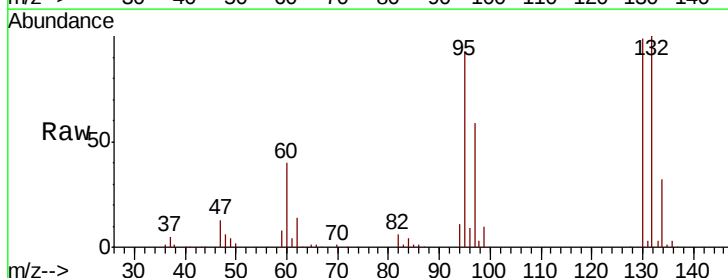
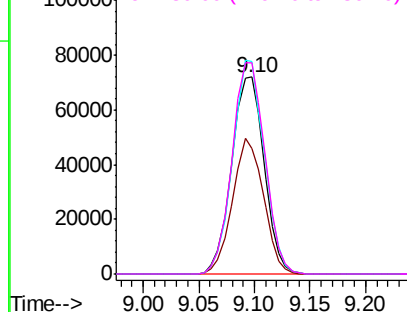
#35
Trichloroethene
Concen: 23.559 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW017249.D
Acq: 16 Nov 2020 12:12

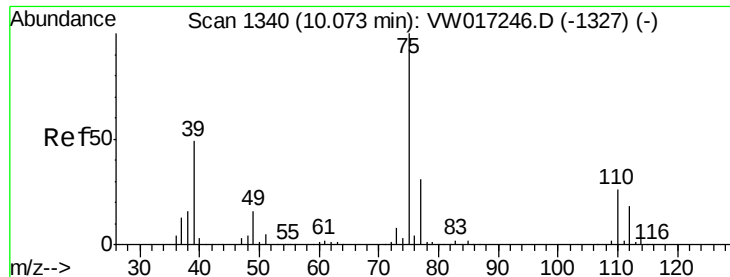
Tgt Ion: 95 Resp: 146192

Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.0	83.6
132	105.5	73.7	136.9
130	108.1	77.1	143.1

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





#42

cis-1,3-Dichloropropene

Concen: 0.627 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017249.D

Acq: 16 Nov 2020 12:12

Instrument :

MSVOA_W

ClientSampleId :

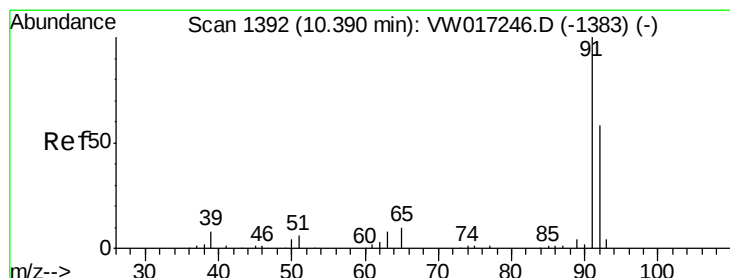
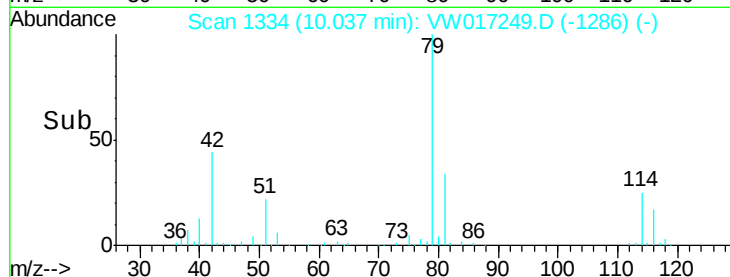
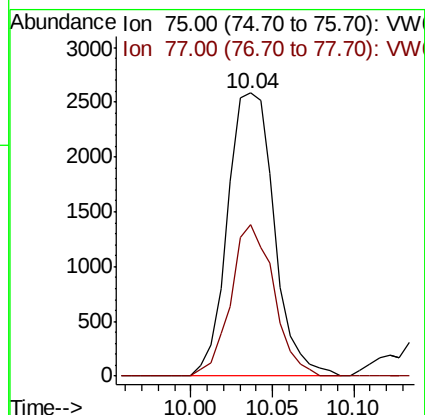
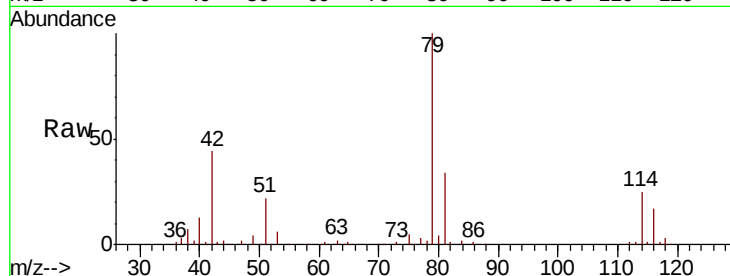
GB0Z3MS

Tot Ion: 75 Resp: 5142

Ion Ratio Lower Upper

75 100

77 53.6 22.0 41.0#



#44

Toluene

Concen: 23.652 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017249.D

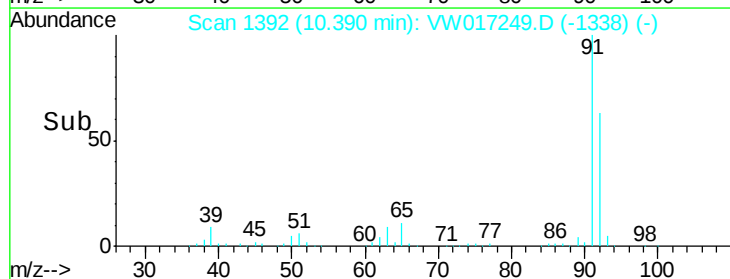
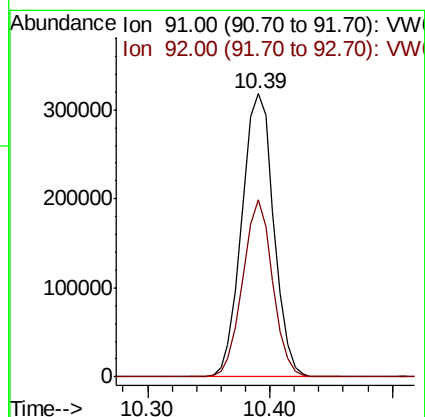
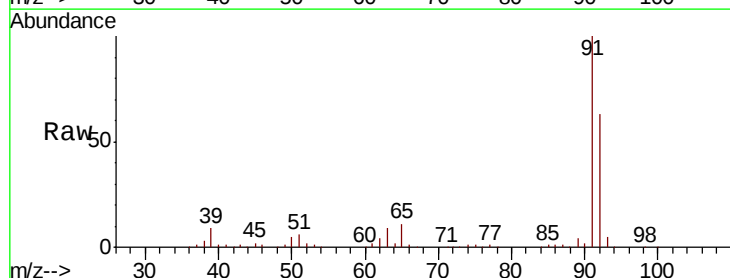
Acq: 16 Nov 2020 12:12

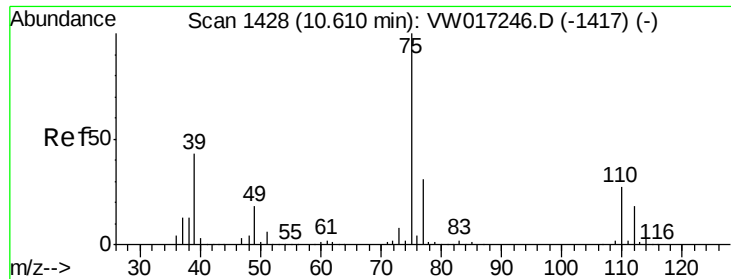
Tgt Ion: 91 Resp: 576709

Ion Ratio Lower Upper

91 100

92 62.7 41.4 76.8





#45

trans-1,3-Dichloropropene

Concen: 0.467 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017249.D

Acq: 16 Nov 2020 12:12

Instrument :

MSVOA_W

ClientSampleId :

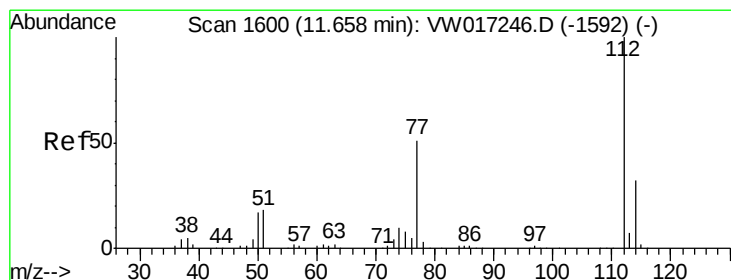
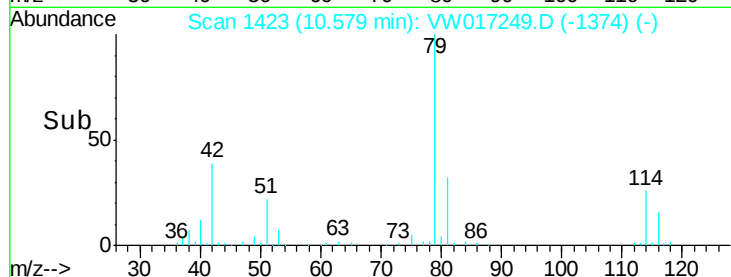
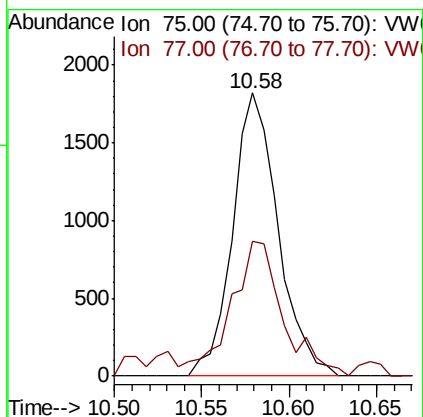
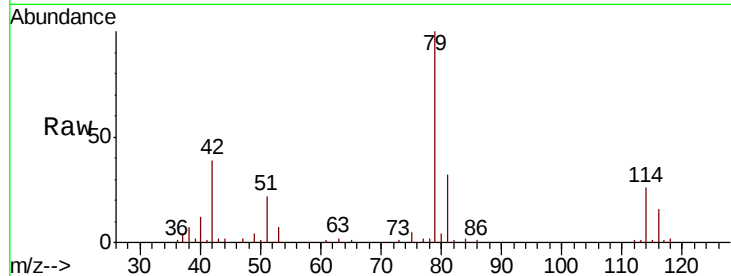
GB0Z3MS

Tot Ion: 75 Resp: 3291

Ion Ratio Lower Upper

75 100

77 47.5 22.1 41.1#



#52

Chlorobenzene

Concen: 22.974 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW017249.D

Acq: 16 Nov 2020 12:12

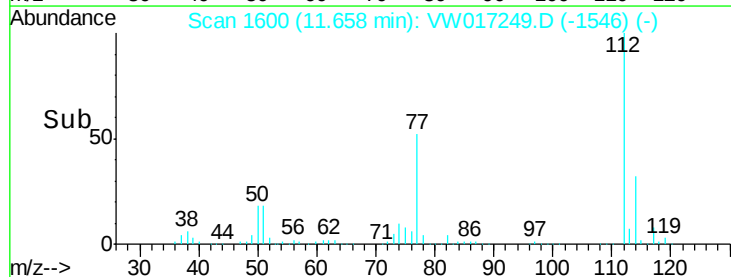
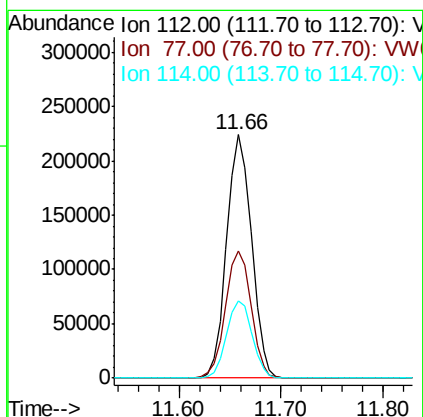
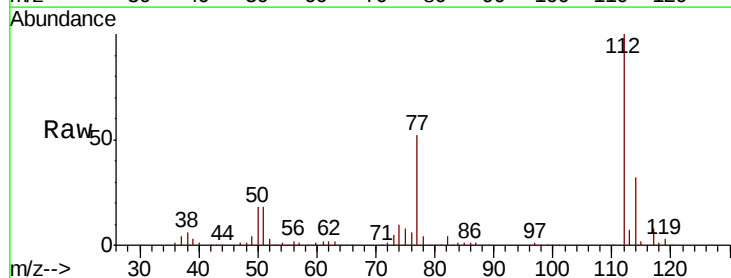
Tgt Ion: 112 Resp: 378880

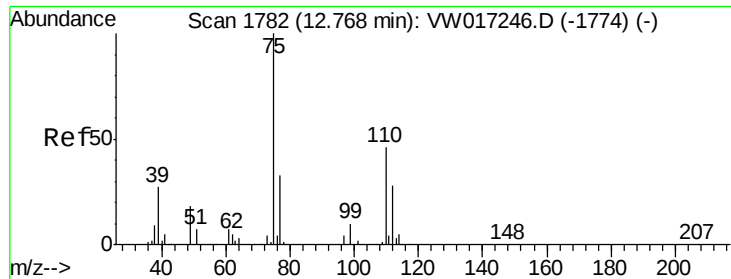
Ion Ratio Lower Upper

112 100

77 52.5 41.7 62.5

114 31.7 22.3 41.3





#59

1,2,3-Trichloropropane

Concen: 5.891 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017249.D

Acq: 16 Nov 2020 12:12

Instrument :

MSVOA_W

ClientSampleId :

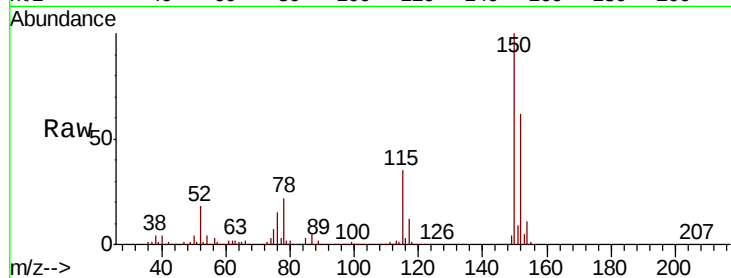
GB0Z3MS

Tot Ion: 75 Resp: 21839

Ion Ratio Lower Upper

75 100

77 39.1 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

