

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017293.D
 Acq On : 17 Nov 2020 17:55
 Operator : SY/VA
 Sample : L4738-02MS
 Misc : 6.20G/10ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0X0MS

Quant Time: Nov 18 02:17:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 02:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	360595	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	336818	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	151008	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	89134	19.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.48%
7) Chloroethane-d5	2.90	69	78436	22.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.64%
10) 1,1-Dichloroethene-d2	4.03	63	183628	22.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.40%
20) 2-Butanone-d5	7.08	46	53121	52.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.60%
24) Chloroform-d	7.65	84	210465	25.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	8.31	65	116189	27.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.04%
29) Benzene-d6	8.27	84	396036	23.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.36%
33) 1,2-Dichloropropane-d6	9.27	67	117206	24.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.80%
37) Toluene-d8	10.32	98	372484	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.12%
38) trans-1,3-Dichloropropene-	10.58	79	50903	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.20%
39) 2-Hexanone-d5	10.93	63	45419	54.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111898	27.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	142920	26.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.44%

Target Compounds

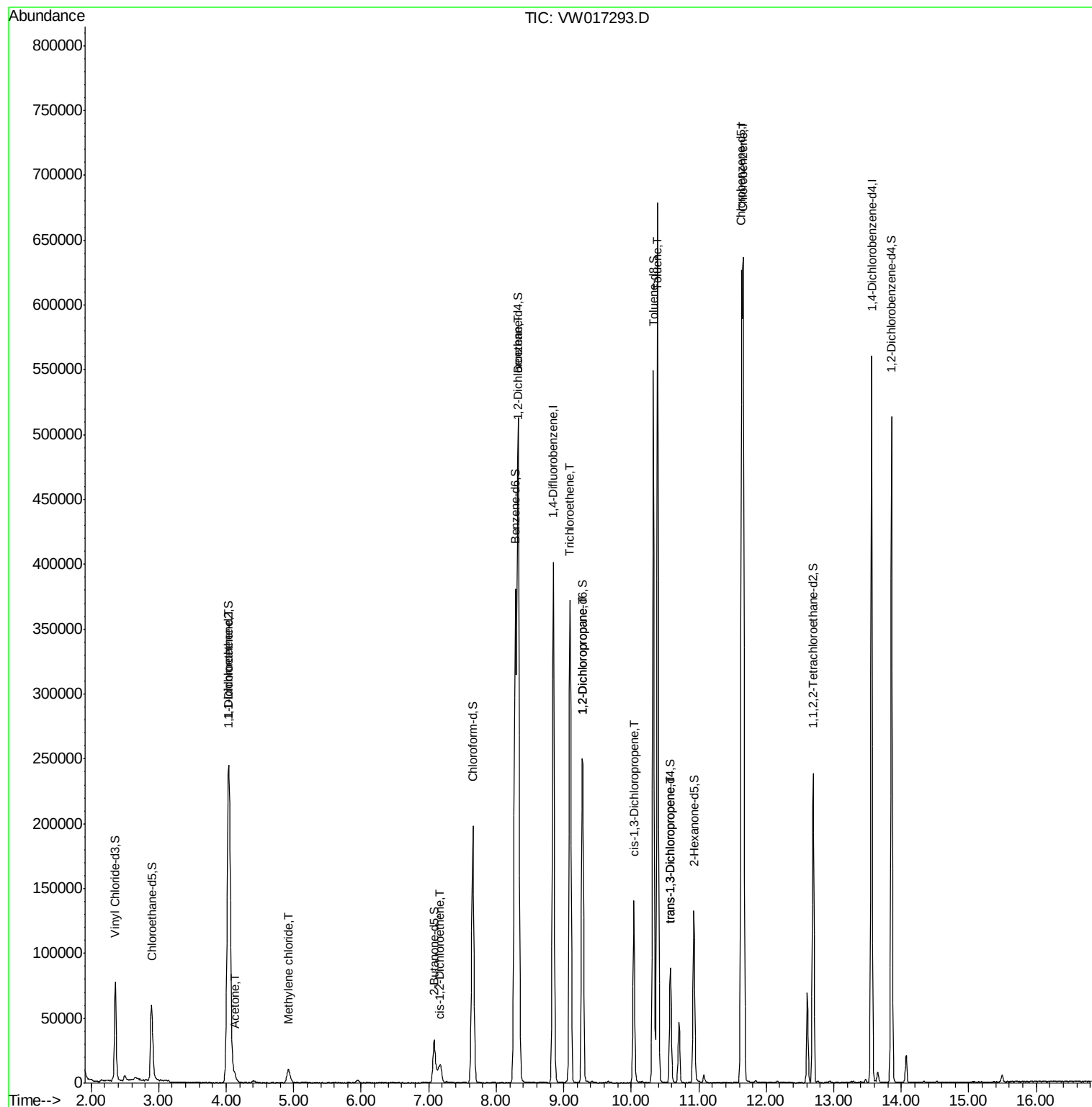
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	108823	24.315	ug/L	96
13) Acetone	4.14	43	8114	11.931	ug/L	84
16) Methylene chloride	4.92	84	9599	1.974	ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	7266	1.483	ug/L	98
34) Benzene	8.32	78	455076	25.731	ug/L	100
35) Trichloroethene	9.09	95	129746	26.188	ug/L	99
40) 1,2-Dichloropropane	9.27	63	13629	3.297	ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4008	0.612	ug/L	90
44) Toluene	10.39	91	507743	26.081	ug/L	100
45) trans-1,3-Dichloropropene	10.58	75	2443	0.434	ug/L	99
52) Chlorobenzene	11.66	112	334336	25.392	ug/L	99

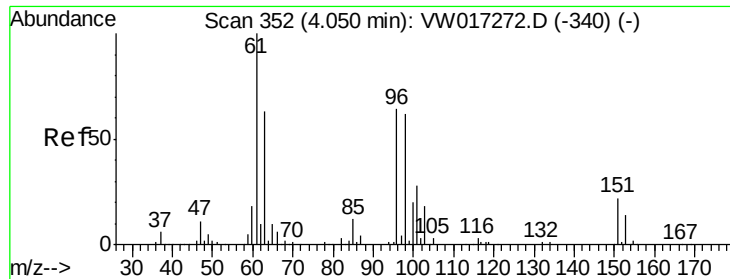
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW11720\
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Quant Title : VOC Analysis
QLast Update : Wed Nov 18 02:13:37 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 24.315 ug/L

RT: 4.04 min Scan# 351

Delta R.T. -0.01 min

Lab File: VW017293.D

Acq: 17 Nov 2020 17:55

Instrument :

MSVOA_W

ClientSampleId :

GB0X0MS

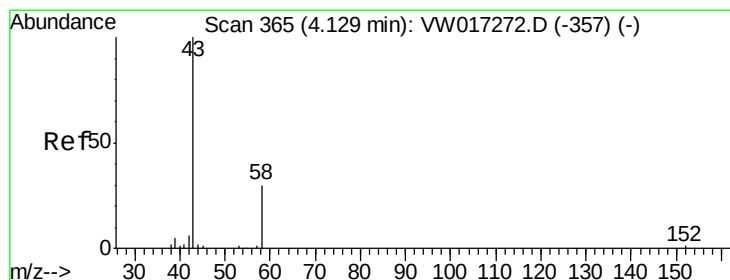
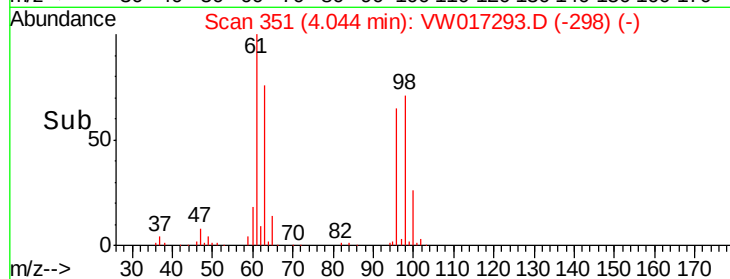
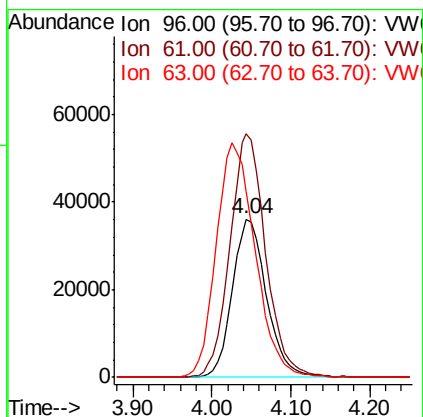
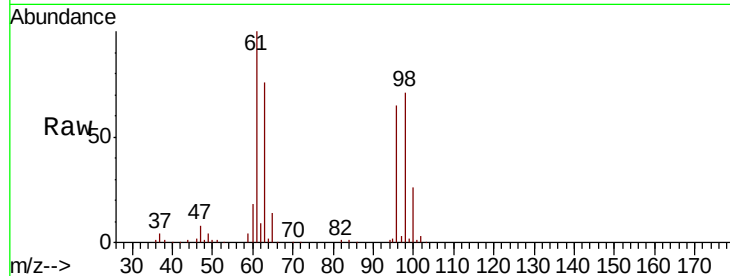
Tot Ion: 96 Resp: 108823

Ion Ratio Lower Upper

96 100

61 154.2 103.8 192.8

63 118.0 84.4 156.7



#13

Acetone

Concen: 11.931 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017293.D

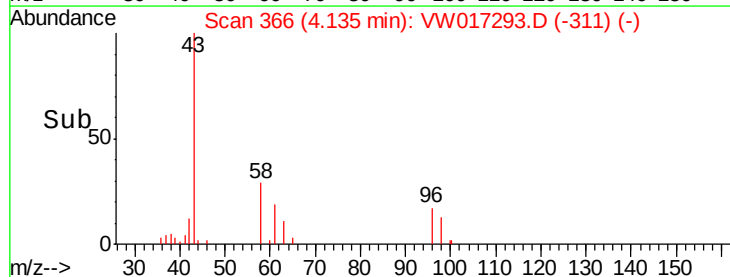
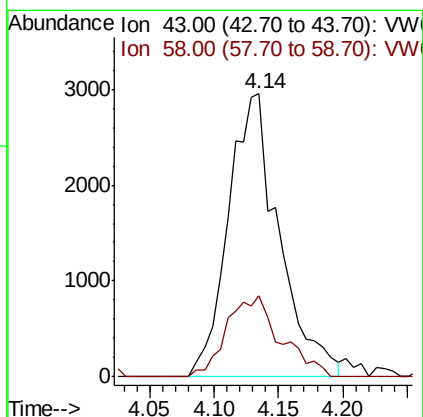
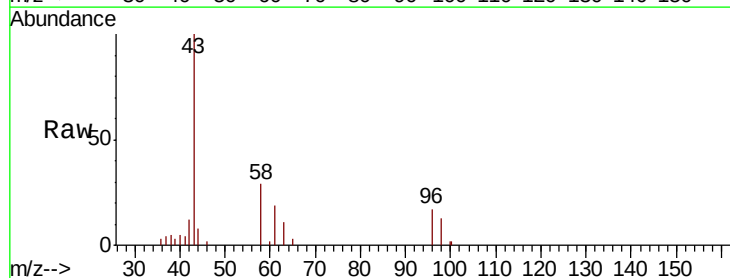
Acq: 17 Nov 2020 17:55

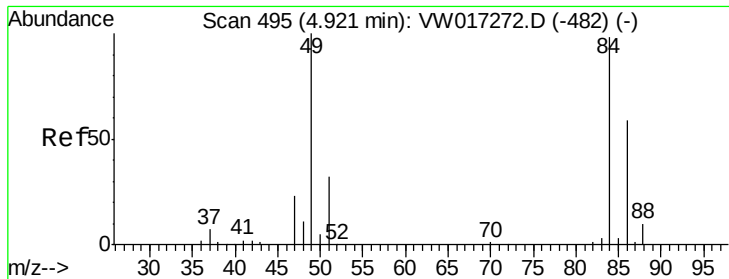
Tgt Ion: 43 Resp: 8114

Ion Ratio Lower Upper

43 100

58 25.5 0.0 69.2

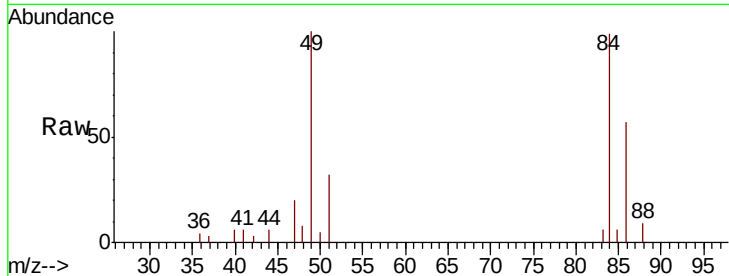




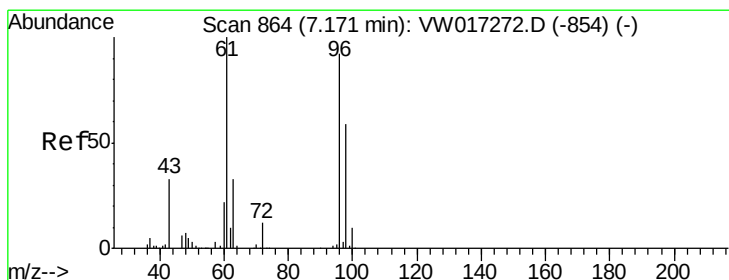
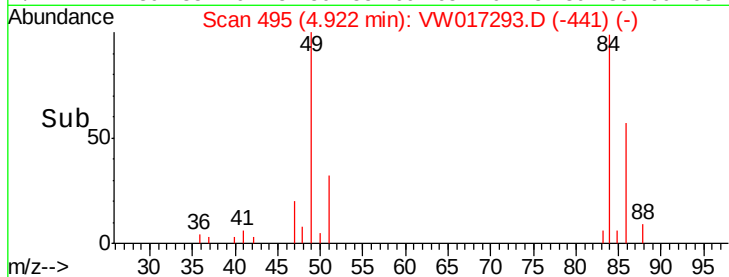
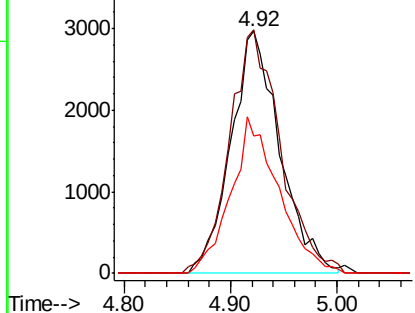
#16
Methylene chloride
Concen: 1.974 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW017293.D
Acq: 17 Nov 2020 17:55

Instrument :
MSVOA_W
ClientSampleId :
GB0X0MS

Tot Ion: 84 Resp: 9599
Ion Ratio Lower Upper
84 100
49 100.6 72.3 134.3
86 56.9 45.1 83.7

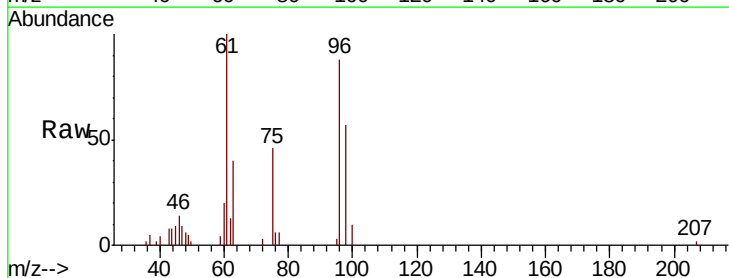


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

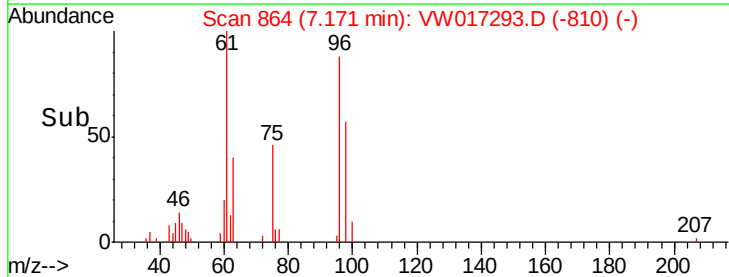
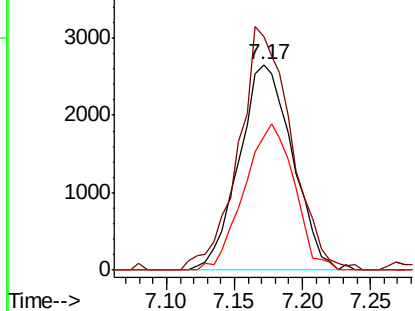


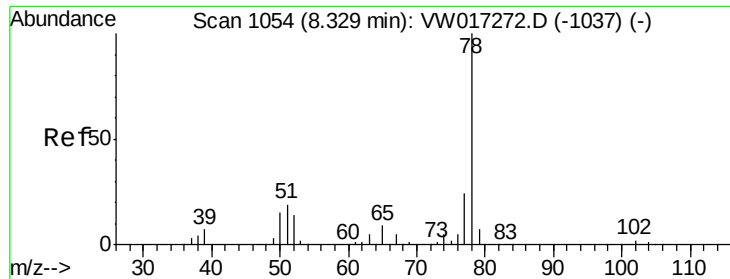
#22
cis-1,2-Dichloroethene
Concen: 1.483 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW017293.D
Acq: 17 Nov 2020 17:55

Tgt Ion: 96 Resp: 7266
Ion Ratio Lower Upper
96 100
61 113.5 77.4 143.8
98 64.9 45.1 83.7



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW





#34

Benzene

Concen: 25.731 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW017293.D

Acq: 17 Nov 2020 17:55

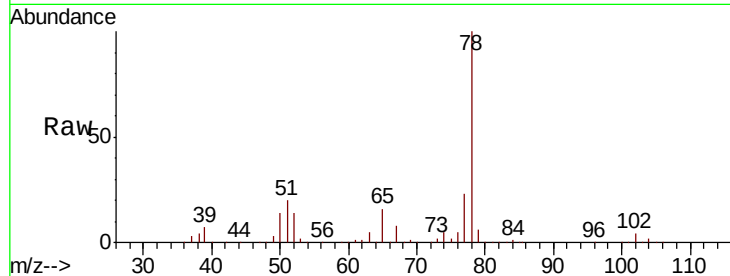
Instrument :

MSVOA_W

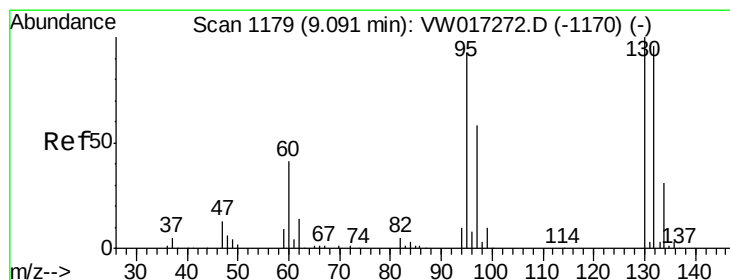
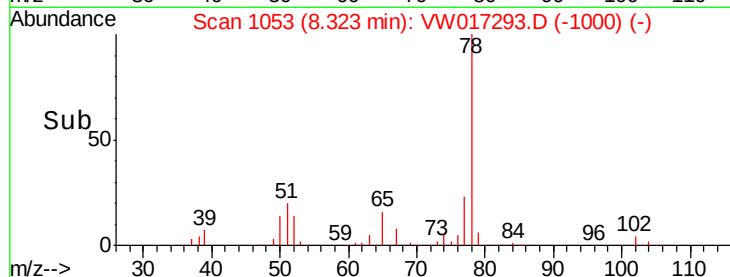
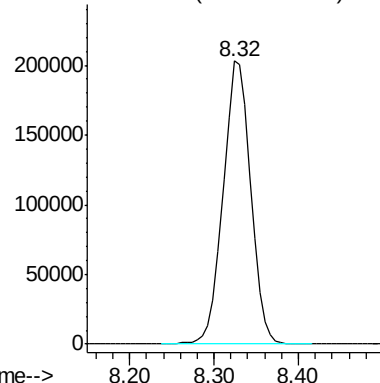
ClientSampleId :

GB0X0MS

Tgt Ion: 78 Resp: 455076



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 26.188 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW017293.D

Acq: 17 Nov 2020 17:55

Tgt Ion: 95 Resp: 129746

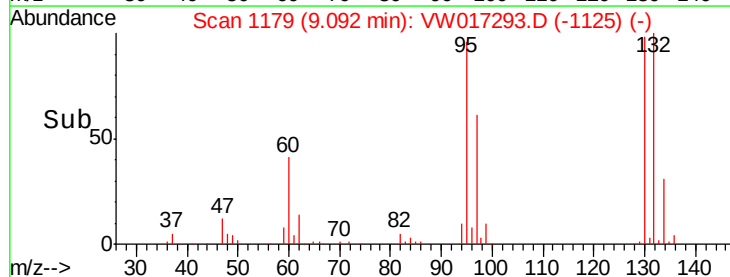
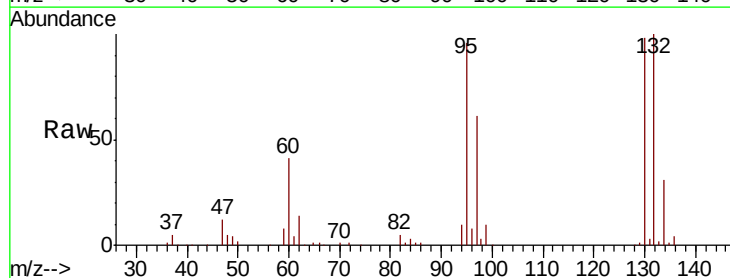
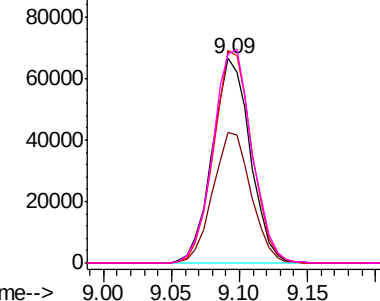
Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.0	83.6
132	104.2	73.7	136.9
130	107.4	77.1	143.1

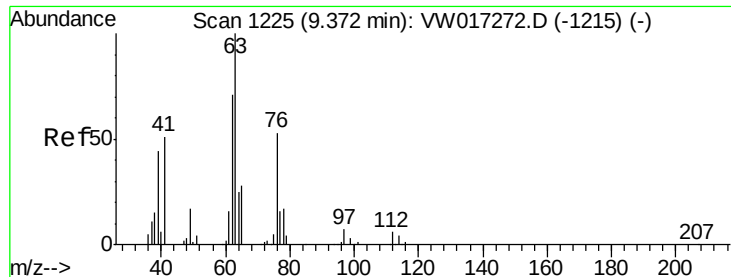
Abundance Ion 95.00 (94.70 to 95.70): VW

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

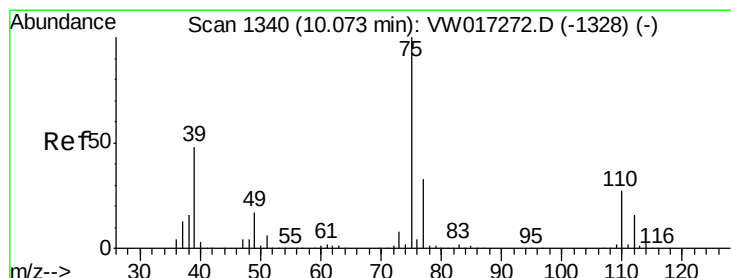
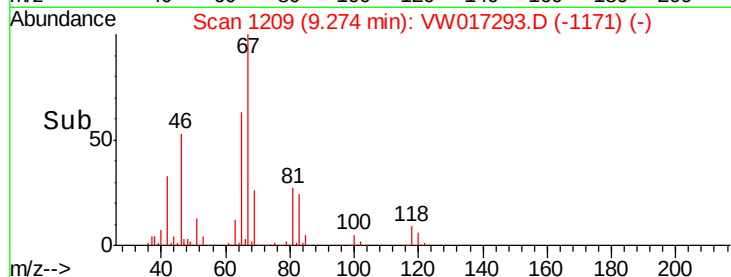
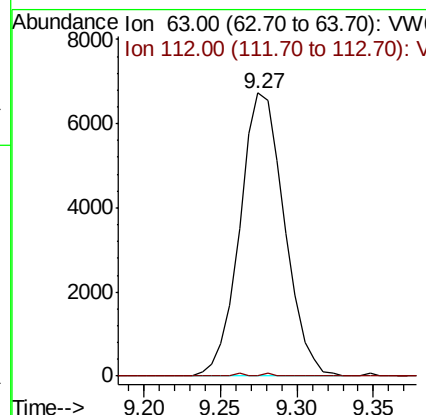
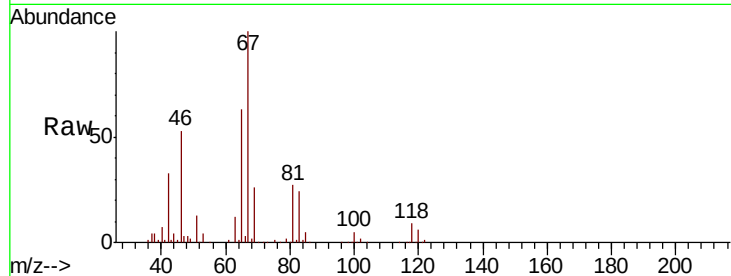




#40
 1,2-Dichloropropane
 Concen: 3.297 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017293.D
 Acq: 17 Nov 2020 17:55

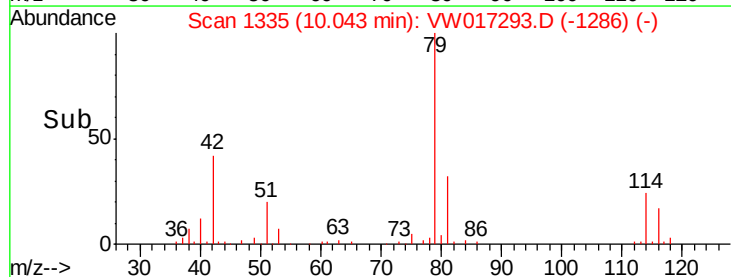
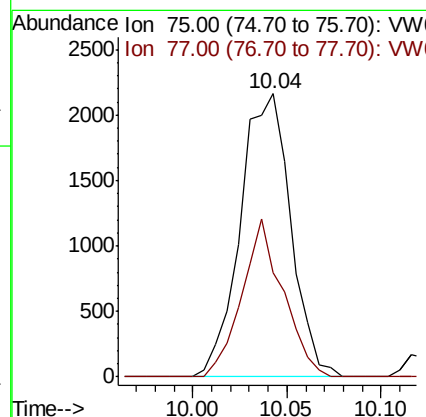
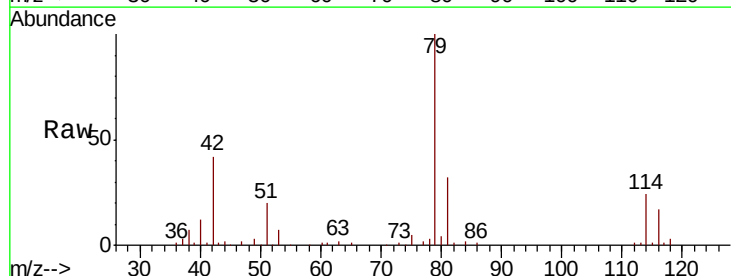
Instrument :
 MSVOA_W
 ClientSampleId :
 GB0X0MS

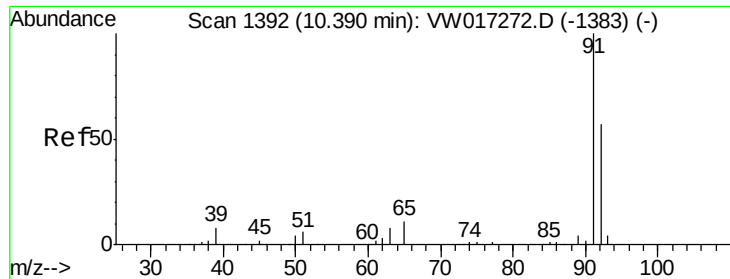
Tot Ion: 63 Resp: 13629
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#42
 cis-1,3-Dichloropropene
 Concen: 0.612 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW017293.D
 Acq: 17 Nov 2020 17:55

Tgt Ion: 75 Resp: 4008
 Ion Ratio Lower Upper
 75 100
 77 37.0 22.0 41.0





#44

Toluene

Concen: 26.081 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017293.D

Acq: 17 Nov 2020 17:55

Instrument :

MSVOA_W

ClientSampleId :

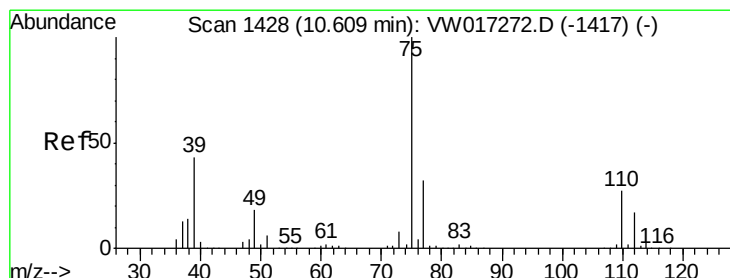
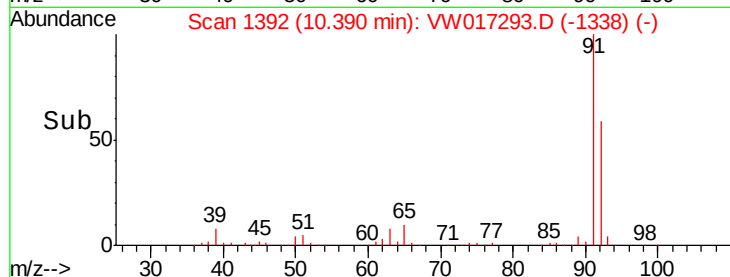
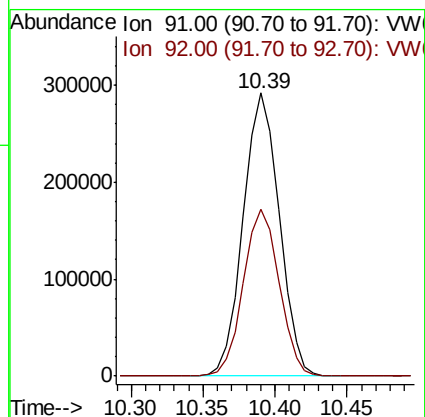
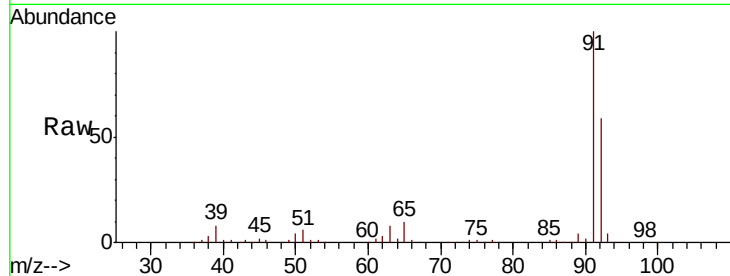
GB0X0MS

Tot Ion: 91 Resp: 507743

Ion Ratio Lower Upper

91 100

92 58.9 41.4 76.8



#45

trans-1,3-Dichloropropene

Concen: 0.434 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017293.D

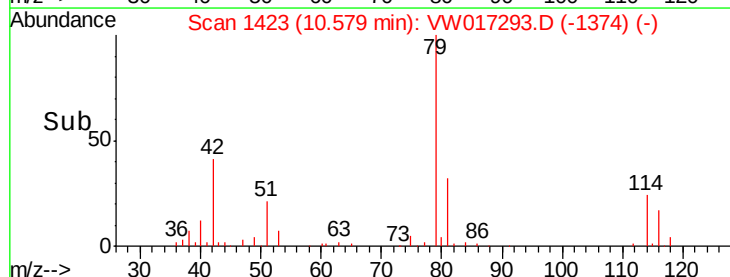
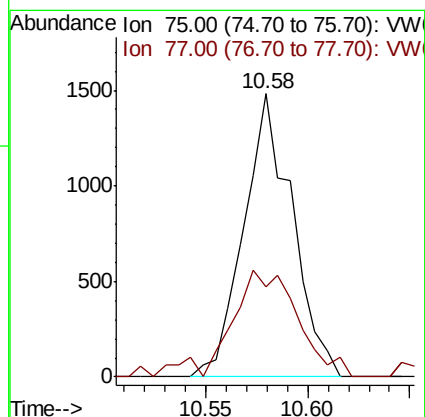
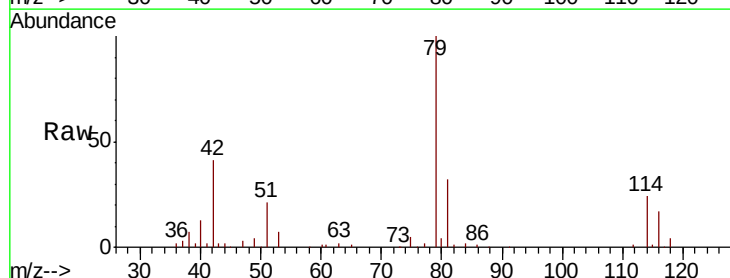
Acq: 17 Nov 2020 17:55

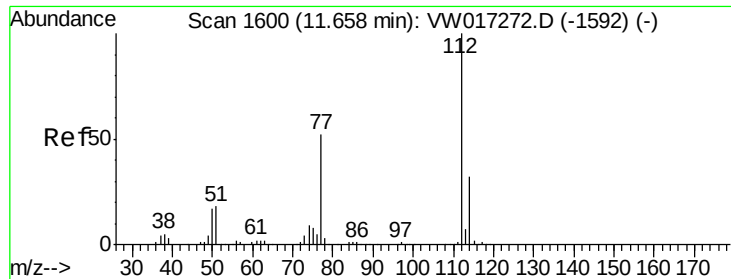
Tgt Ion: 75 Resp: 2443

Ion Ratio Lower Upper

75 100

77 31.9 22.1 41.1





#52
 Chlorobenzene
 Concen: 25.392 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VW017293.D
 Acq: 17 Nov 2020 17:55

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0X0MS

Tot Ion	Ratio	Lower	Upper
112	100		
77	53.3	41.7	62.5
114	32.0	22.3	41.3

