

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017294.D
 Acq On : 17 Nov 2020 18:18
 Operator : SY/VA
 Sample : L4738-03MSD
 Misc : 5.85G/10ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0X0MSD

Quant Time: Nov 18 02:17:59 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	393683	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	356715	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	166097	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88312	17.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.24%
7) Chloroethane-d5	2.90	69	75158	19.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.68%
10) 1,1-Dichloroethene-d2	4.03	63	179457	20.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.92%
20) 2-Butanone-d5	7.08	46	57402	51.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.52%
24) Chloroform-d	7.65	84	201709	21.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	8.31	65	112602	24.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.56%
29) Benzene-d6	8.28	84	384577	21.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.68%
33) 1,2-Dichloropropane-d6	9.28	67	112574	22.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.60%
37) Toluene-d8	10.33	98	358183	20.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.64%
38) trans-1,3-Dichloropropene-	10.58	79	48712	21.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.00%
39) 2-Hexanone-d5	10.93	63	48997	55.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114452	26.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	136512	23.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.32%

Target Compounds

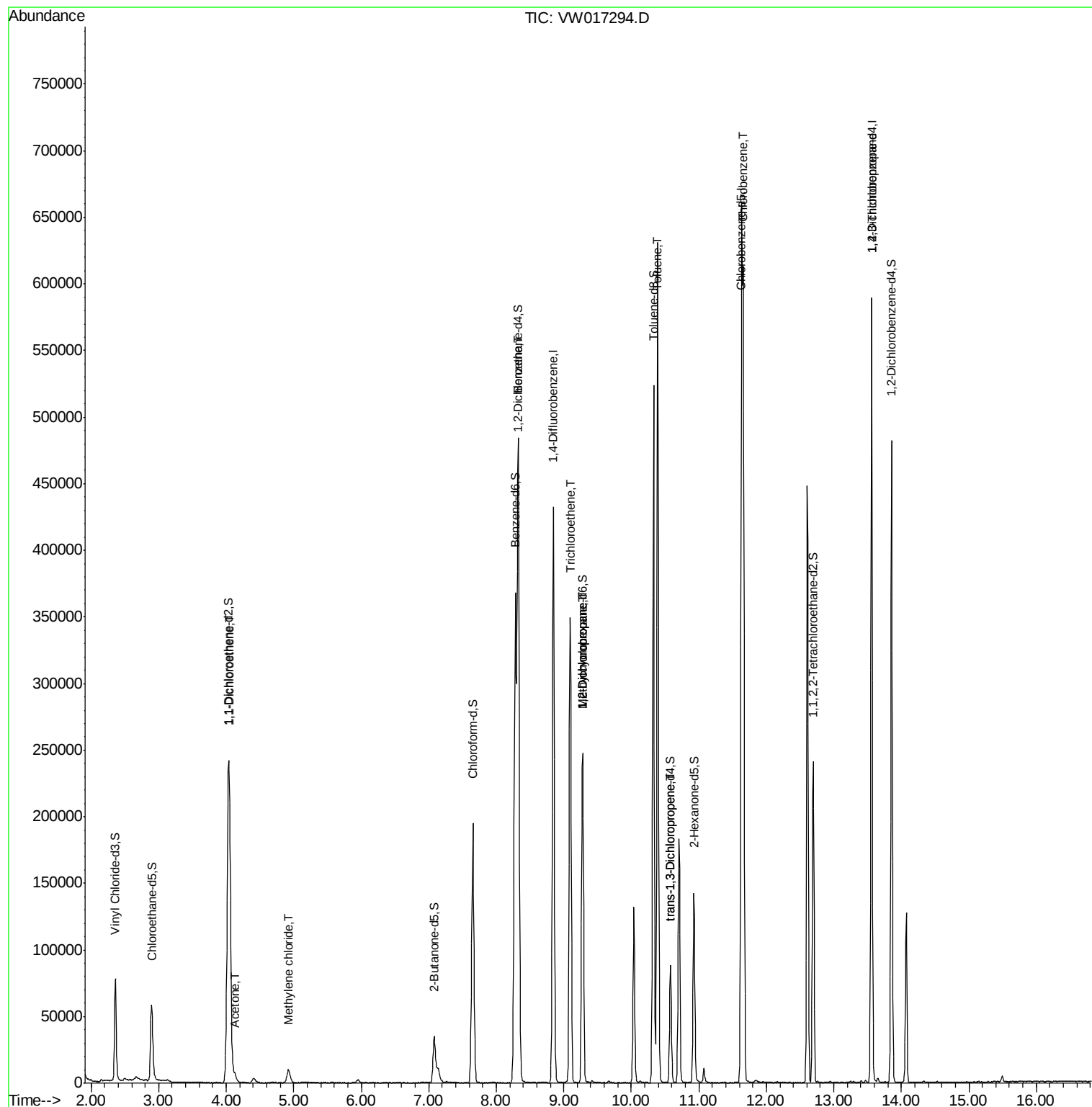
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.05	96	105231	21.537	ug/L	89
13) Acetone	4.13	43	8693	11.708	ug/L	73
16) Methylene chloride	4.92	84	8399	1.582	ug/L	93
34) Benzene	8.33	78	430252	22.970	ug/L	100
35) Trichloroethene	9.10	95	120970	23.055	ug/L	99
36) Methylcyclohexane	9.28	83	30025	3.556	ug/L #	22
40) 1,2-Dichloropropane	9.28	63	13416	3.064	ug/L #	86
44) Toluene	10.39	91	476903	23.131	ug/L	97
45) trans-1,3-Dichloropropene	10.58	75	2422	0.407	ug/L	85
52) Chlorobenzene	11.66	112	312922	22.440	ug/L	98
59) 1,2,3-Trichloropropane	13.56	75	17007	5.425	ug/L	90

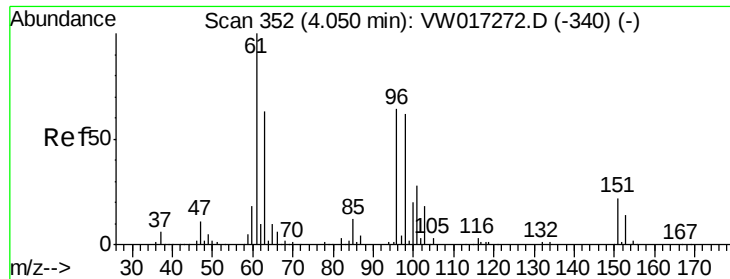
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW11720\
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Quant Time: Nov 18 02:17:59 2020
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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: 21.537 ug/L

RT: 4.05 min Scan# 352

Delta R.T. -0.00 min

Lab File: VW017294.D

Acq: 17 Nov 2020 18:18

Instrument :

MSVOA_W

ClientSampleId :

GB0X0MSD

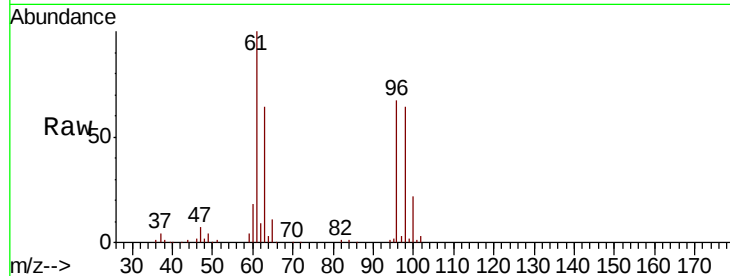
Tot Ion: 96 Resp: 105231

Ion Ratio Lower Upper

96 100

61 150.3 103.8 192.8

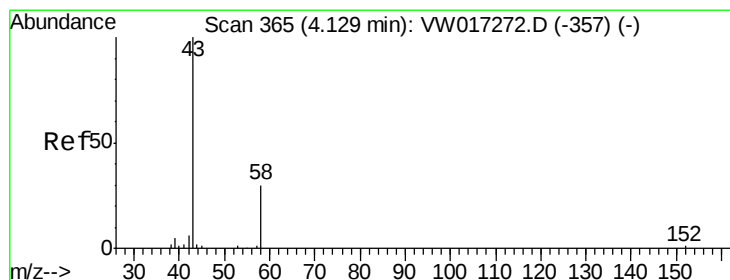
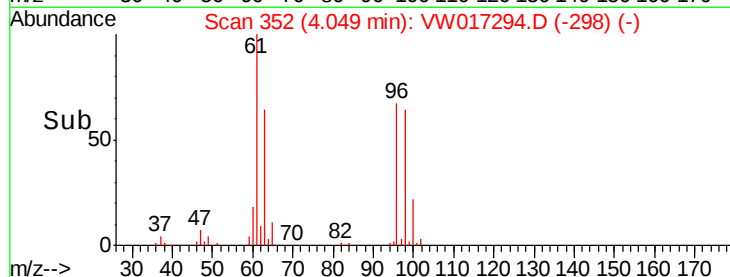
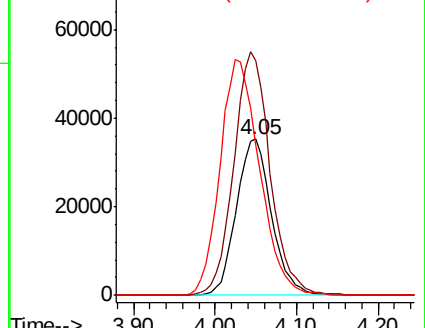
63 96.2 84.4 156.7



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 11.708 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017294.D

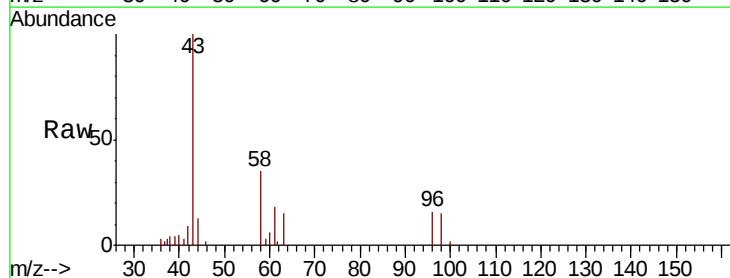
Acq: 17 Nov 2020 18:18

Tgt Ion: 43 Resp: 8693

Ion Ratio Lower Upper

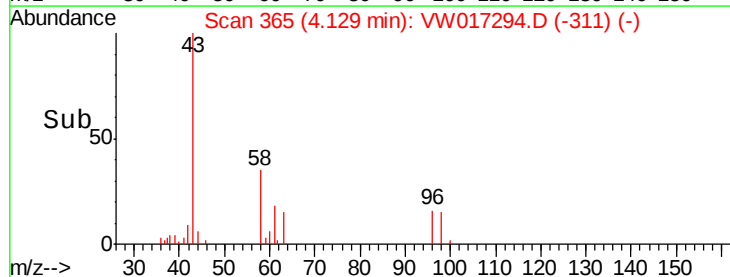
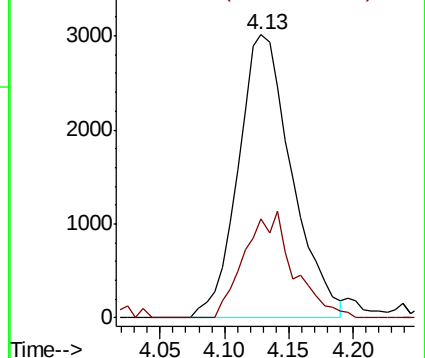
43 100

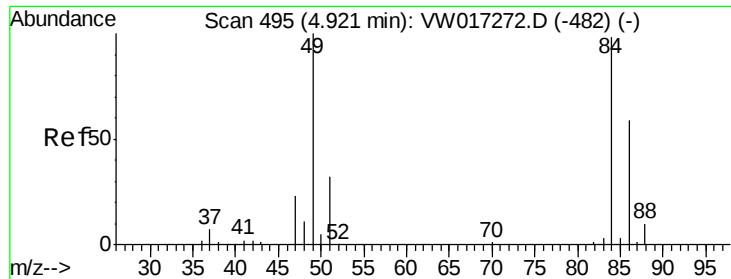
58 19.0 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

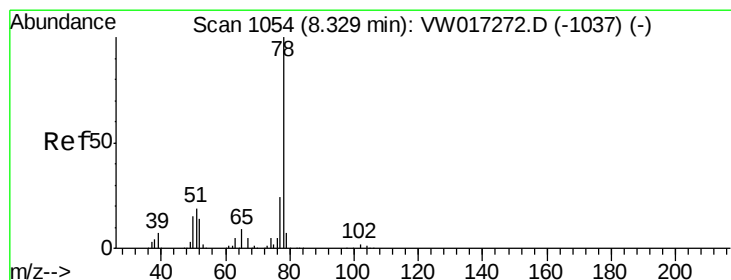
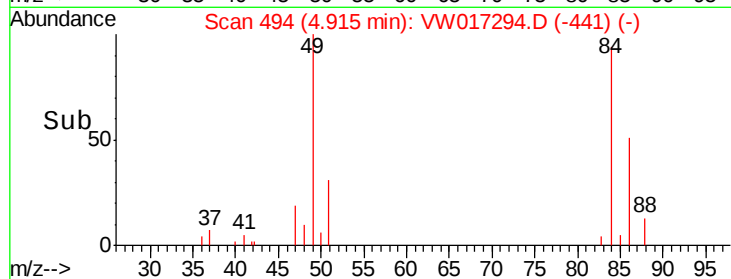
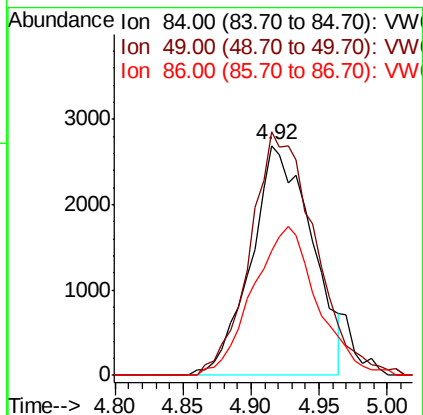
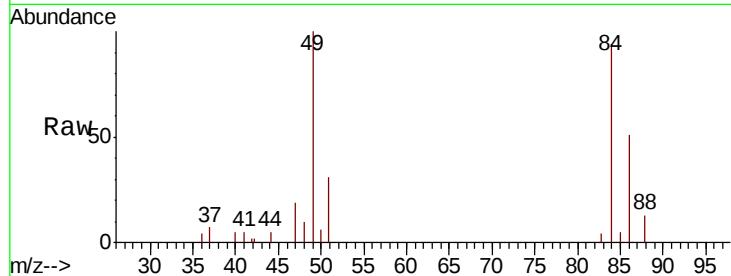




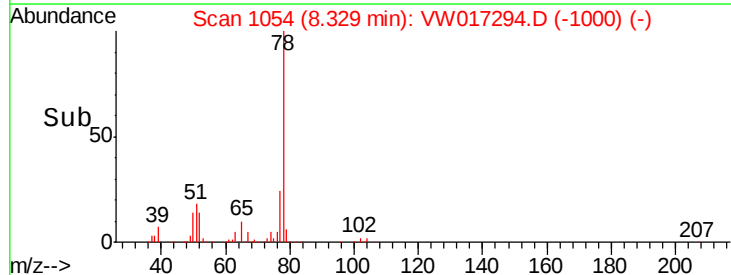
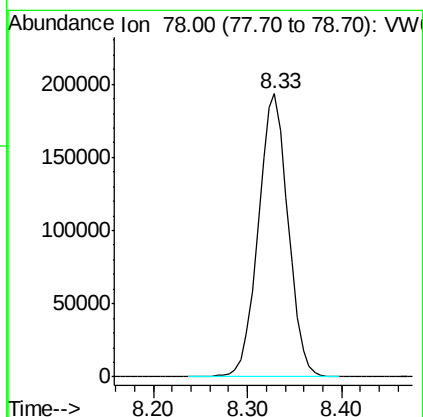
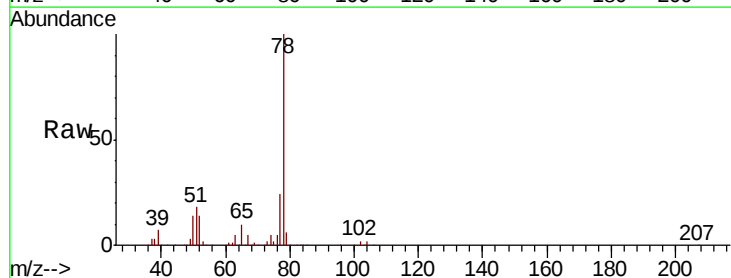
#16
Methvlene chloride
Concen: 1.582 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017294.D
Acq: 17 Nov 2020 18:18

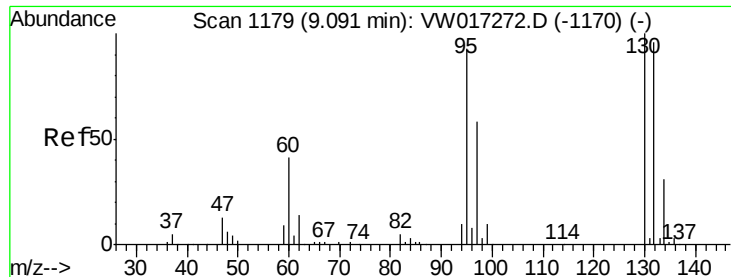
Instrument :
MSVOA_W
ClientSampleId :
GB0X0MSD

Tot Ion: 84 Resp: 8399
Ion Ratio Lower Upper
84 100
49 105.9 72.3 134.3
86 54.1 45.1 83.7



#34
Benzene
Concen: 22.970 ug/L
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW017294.D
Acq: 17 Nov 2020 18:18
Tgt Ion: 78 Resp: 430252





#35

Trichloroethene

Concen: 23.055 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW017294.D

Acq: 17 Nov 2020 18:18

Instrument :

MSVOA_W

ClientSampleId :

GB0X0MSD

Tot Ion: 95 Resp: 120970

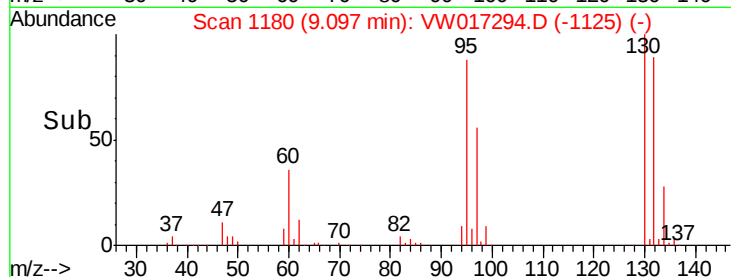
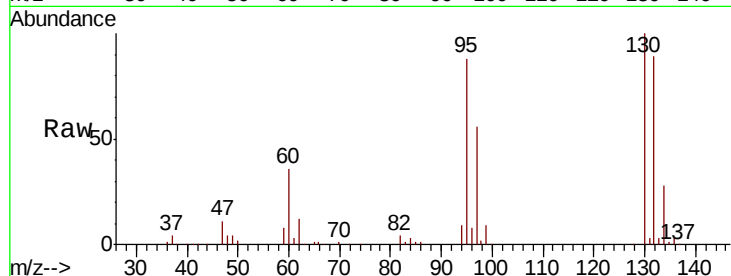
Ion Ratio Lower Upper

95 100

97 64.4 45.0 83.6

132 106.1 73.7 136.9

130 112.8 77.1 143.1

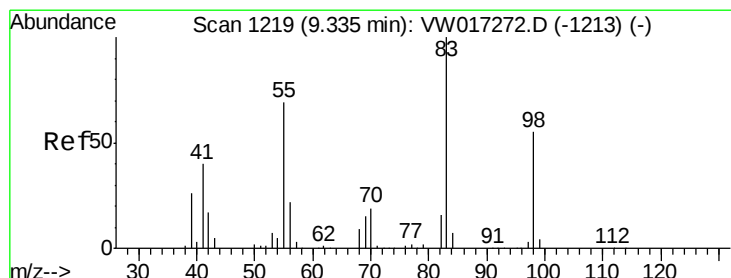
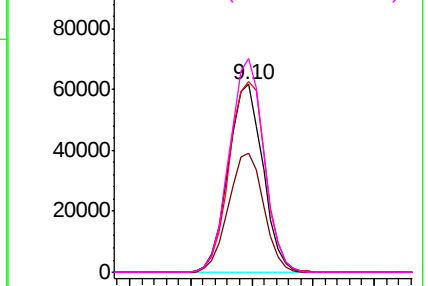


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#36

Methylcyclohexane

Concen: 3.556 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.06 min

Lab File: VW017294.D

Acq: 17 Nov 2020 18:18

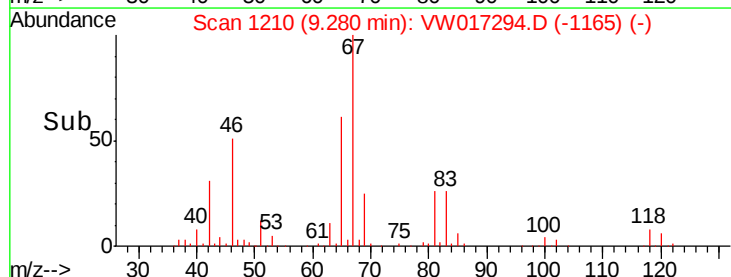
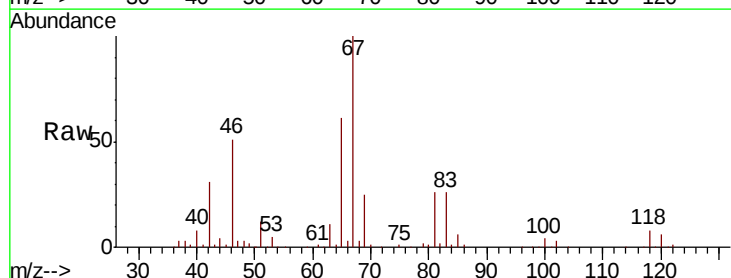
Tgt Ion: 83 Resp: 30025

Ion Ratio Lower Upper

83 100

55 0.8 54.4 81.6#

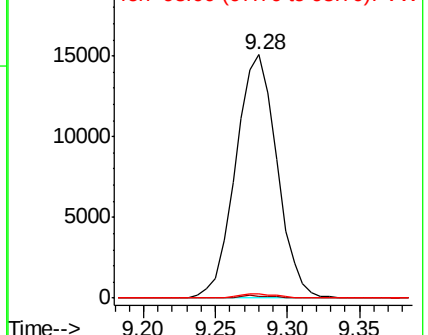
98 1.6 40.5 60.7#

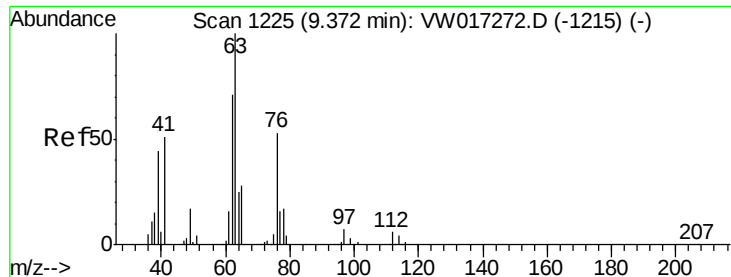


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 3.064 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW017294.D

Acq: 17 Nov 2020 18:18

Instrument :

MSVOA_W

ClientSampleId :

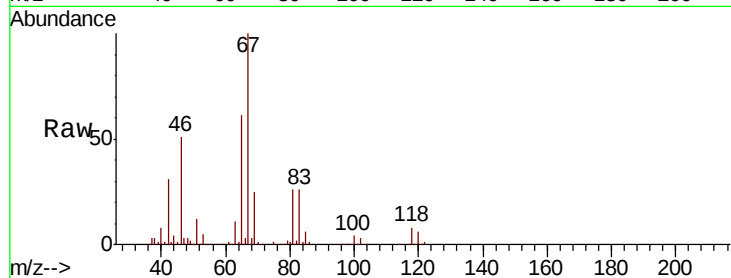
GB0X0MSD

Tot Ion: 63 Resp: 13416

Ion Ratio Lower Upper

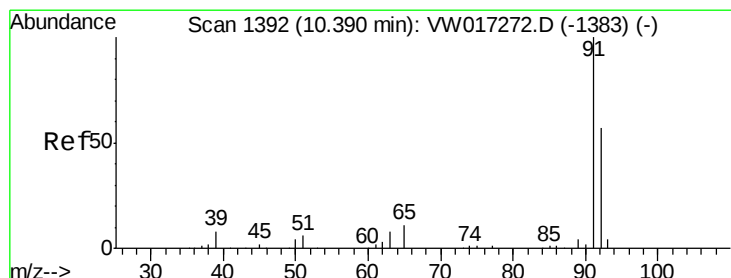
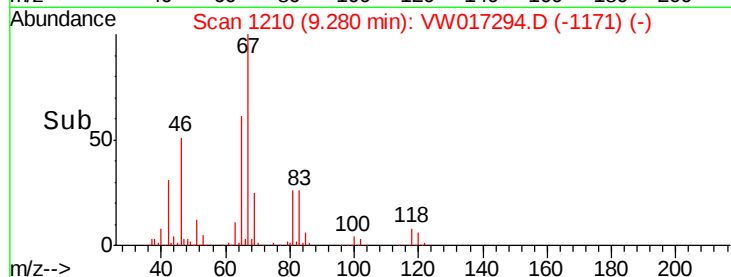
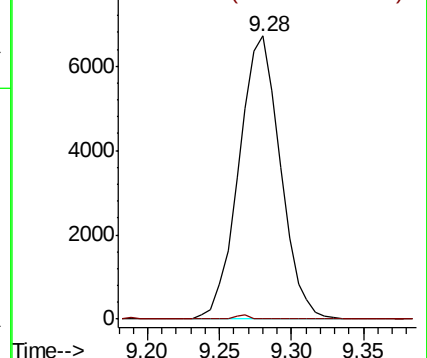
63 100

112 0.5 4.2 6.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#44

Toluene

Concen: 23.131 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW017294.D

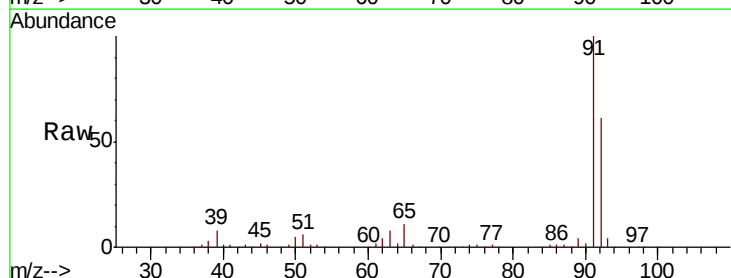
Acq: 17 Nov 2020 18:18

Tgt Ion: 91 Resp: 476903

Ion Ratio Lower Upper

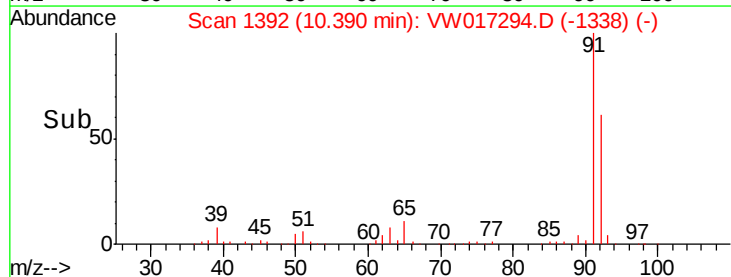
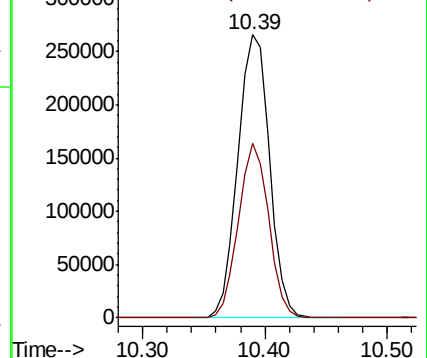
91 100

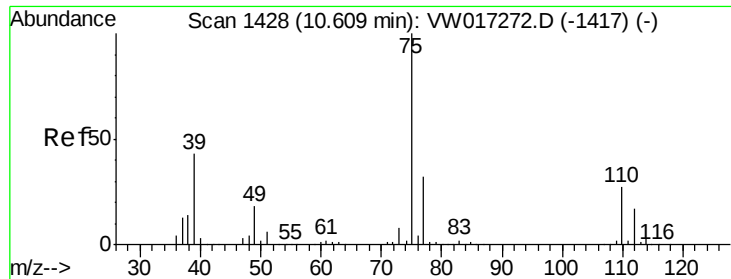
92 61.5 41.4 76.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.407 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017294.D

Acq: 17 Nov 2020 18:18

Instrument :

MSVOA_W

ClientSampleId :

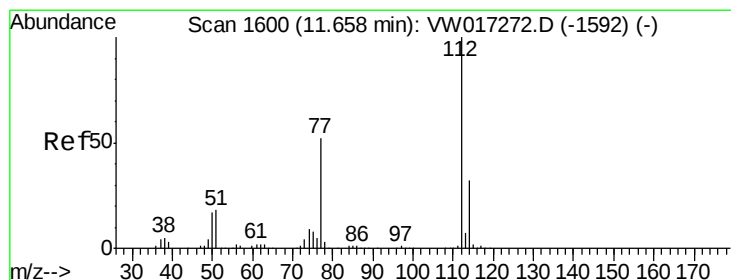
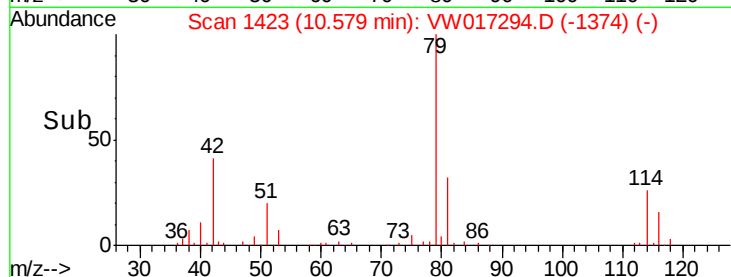
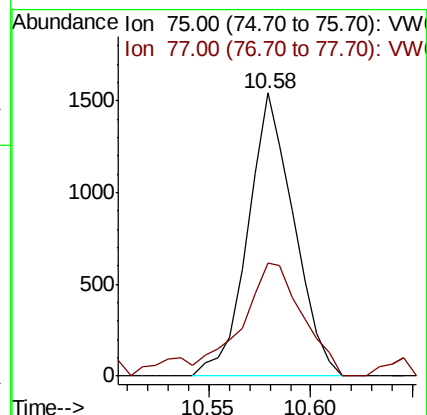
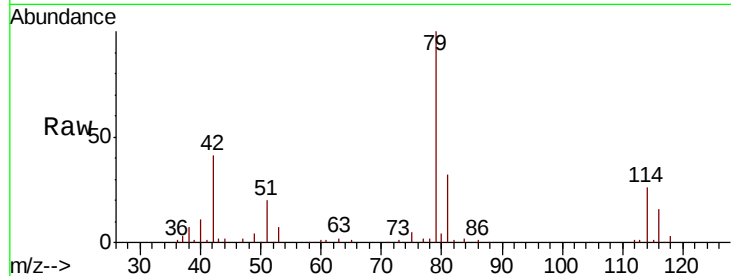
GB0X0MSD

Tot Ion: 75 Resp: 2422

Ion Ratio Lower Upper

75 100

77 39.9 22.1 41.1



#52

Chlorobenzene

Concen: 22.440 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW017294.D

Acq: 17 Nov 2020 18:18

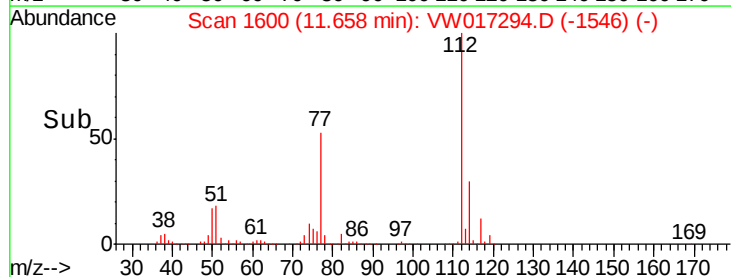
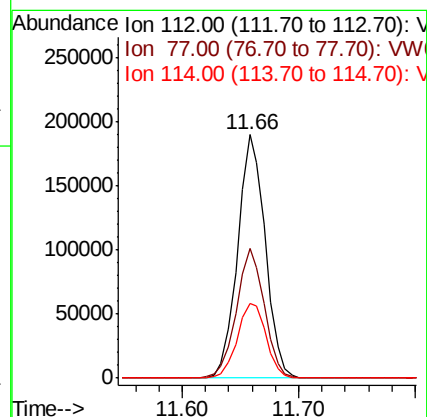
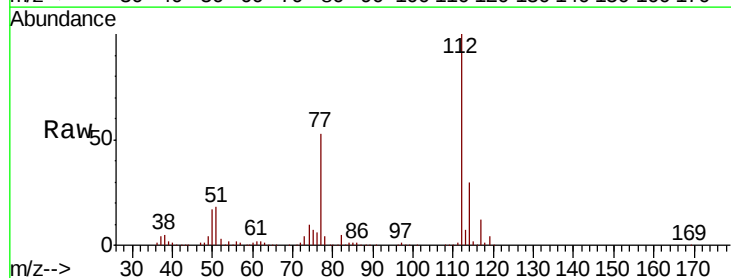
Tgt Ion: 112 Resp: 312922

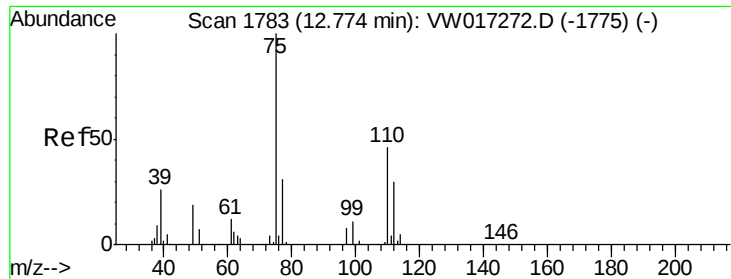
Ion Ratio Lower Upper

112 100

77 53.0 41.7 62.5

114 30.4 22.3 41.3





#59

1,2,3-Trichloropropane

Concen: 5.425 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017294.D

Acq: 17 Nov 2020 18:18

Instrument :

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ClientSampleId :

GB0X0MSD

Tot Ion: 75 Resp: 17007

Ion Ratio Lower Upper

75 100

77 38.7 26.4 39.6

