

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017308.D
 Acq On : 18 Nov 2020 00:42
 Operator : SY/VA
 Sample : L4738-14
 Misc : 6.78G/10ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Y1

Quant Time: Nov 18 04:53:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 04:50:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	421966	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	395484	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176149	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	96278	18.11	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.44%
7) Chloroethane-d5	2.89	69	87216	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.16%
10) 1,1-Dichloroethene-d2	4.02	63	144072	15.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.60%
20) 2-Butanone-d5	7.09	46	49810	41.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.82%
24) Chloroform-d	7.65	84	245197	24.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.56%
26) 1,2-Dichloroethane-d4	8.31	65	129528	26.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.80%
29) Benzene-d6	8.27	84	463800	23.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.12%
33) 1,2-Dichloropropane-d6	9.27	67	136727	24.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.16%
37) Toluene-d8	10.33	98	438311	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.32%
38) trans-1,3-Dichloropropene-	10.58	79	55454	22.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.32%
39) 2-Hexanone-d5	10.93	63	43387	44.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116518	24.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	155419	25.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.16%

Target Compounds

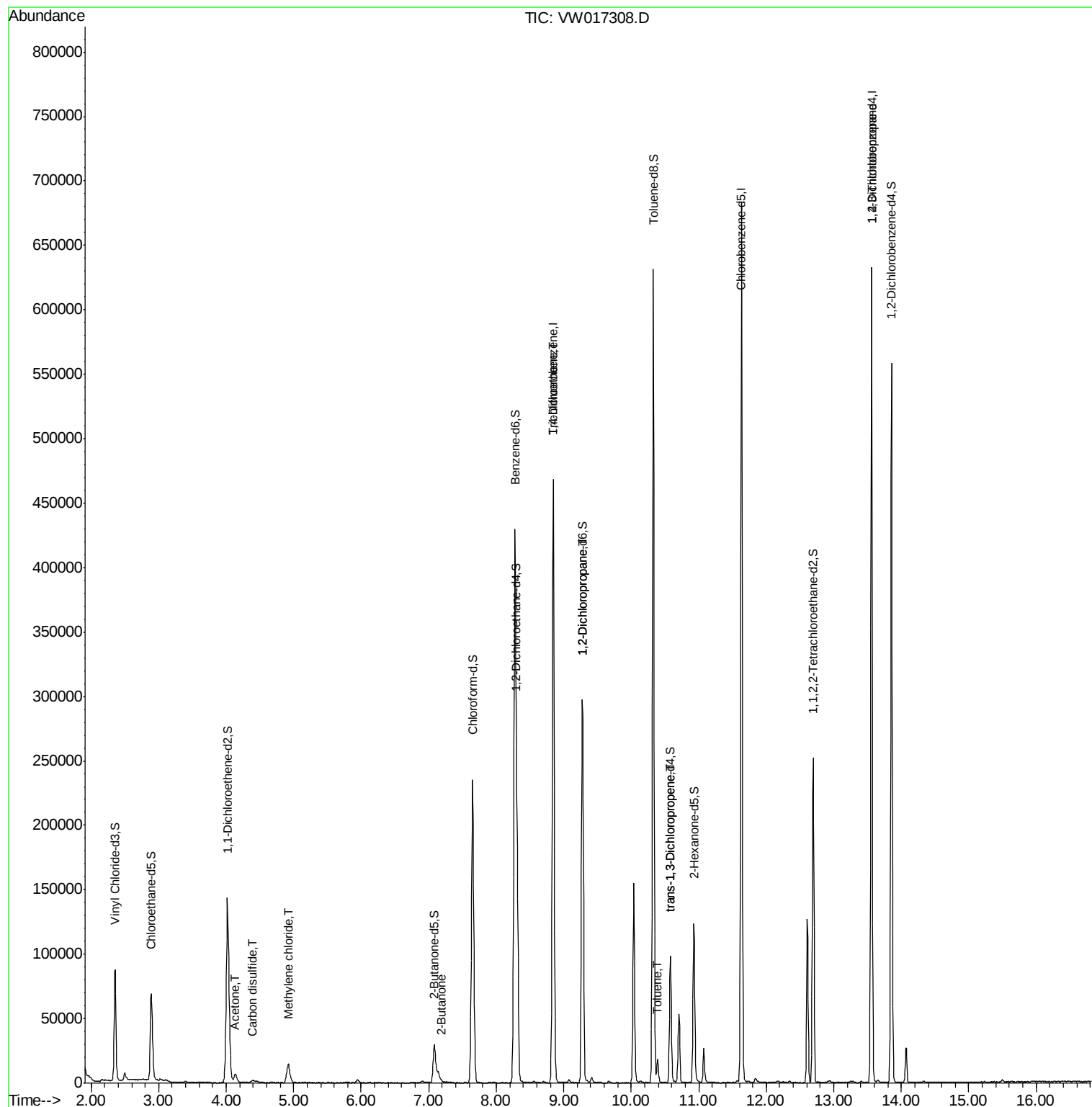
					Ovalue
13) Acetone	4.14	43	12224	15.360	ug/L 93
14) Carbon disulfide	4.39	76	3765	0.264	ug/L 99
16) Methylene chloride	4.93	84	12497	2.197	ug/L 93
21) 2-Butanone	7.19	43	1066	0.834	ug/L 79
35) Trichloroethene	8.85	95	12327	2.119	ug/L # 2
40) 1,2-Dichloropropane	9.27	63	15648	3.223	ug/L # 85
44) Toluene	10.39	91	13710	0.600	ug/L 98
45) trans-1,3-Dichloropropene	10.58	75	2652	0.402	ug/L # 68
59) 1,2,3-Trichloropropane	13.56	75	18170	5.228	ug/L 92

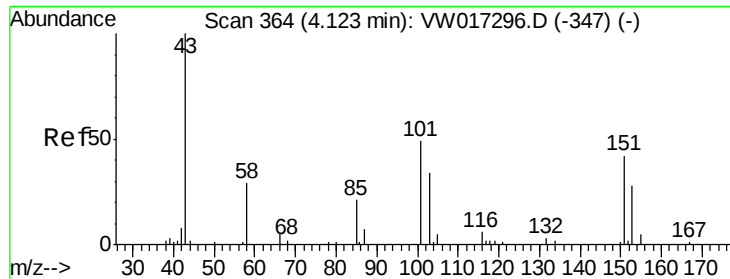
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW11720\
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Quant Time: Nov 18 04:53:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 18 04:50:20 2020
Response via : Initial Calibration





#13

Acetone

Concen: 15.360 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017308.D

Acq: 18 Nov 2020 00:42

Instrument :

MSVOA_W

ClientSampled :

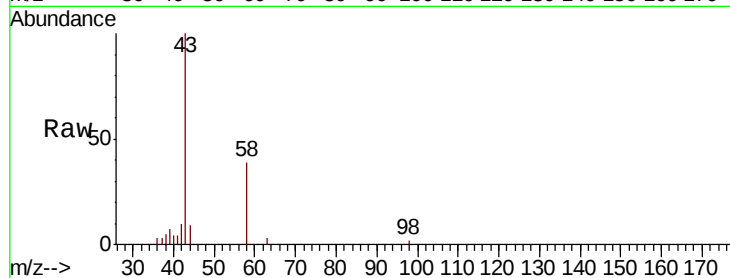
GB0Y1

Tot Ion: 43 Resp: 12224

Ion Ratio Lower Upper

43 100

58 30.5 0.0 69.2



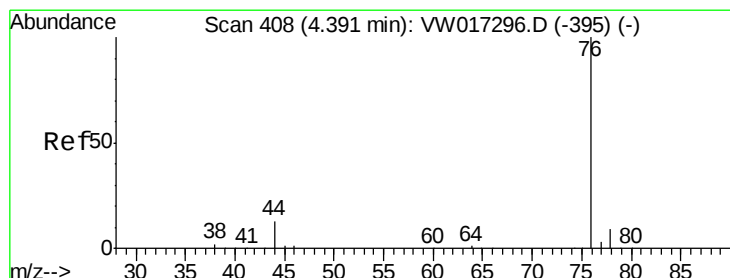
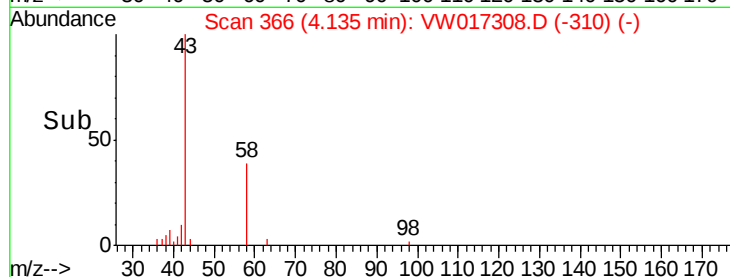
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

4.10 4.20

Time-->



#14

Carbon disulfide

Concen: 0.264 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.01 min

Lab File: VW017308.D

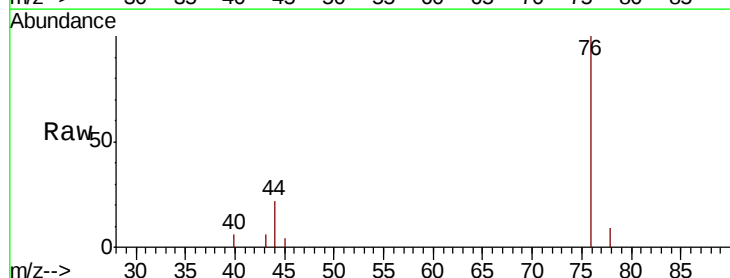
Acq: 18 Nov 2020 00:42

Tgt Ion: 76 Resp: 3765

Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4



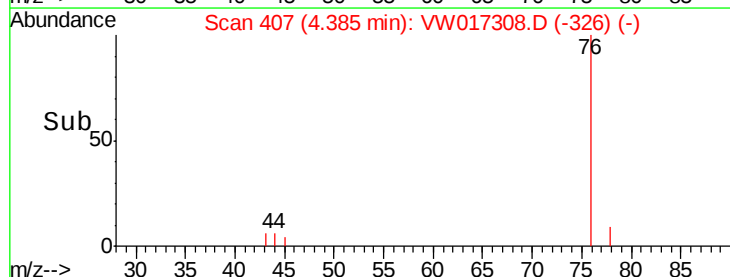
Abundance Ion 76.00 (75.70 to 76.70): VW

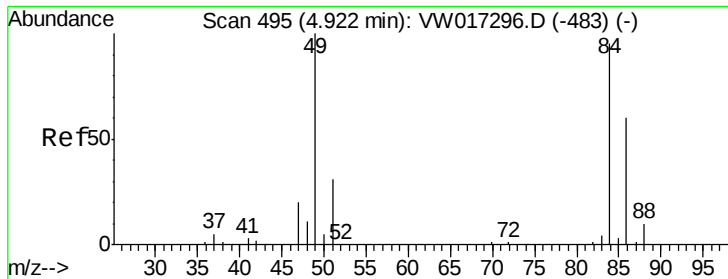
Ion 78.00 (77.70 to 78.70): VW

4.39

4.30 4.45

Time-->

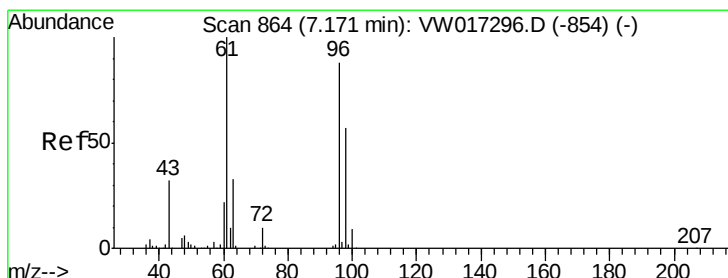
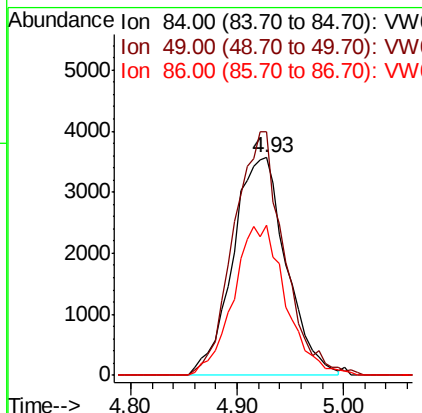
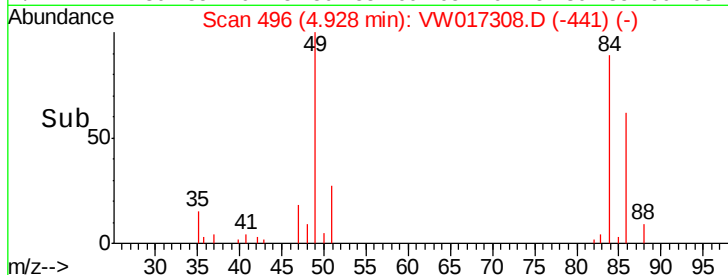
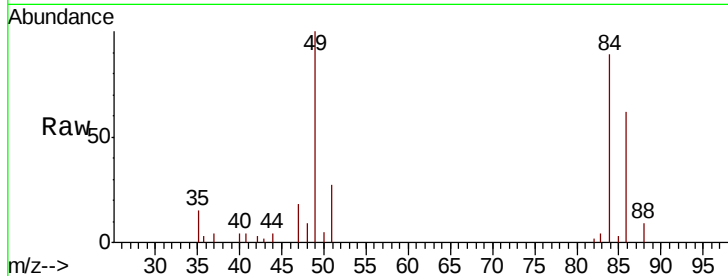




#16
Methylene chloride
Concen: 2.197 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017308.D
Acq: 18 Nov 2020 00:42

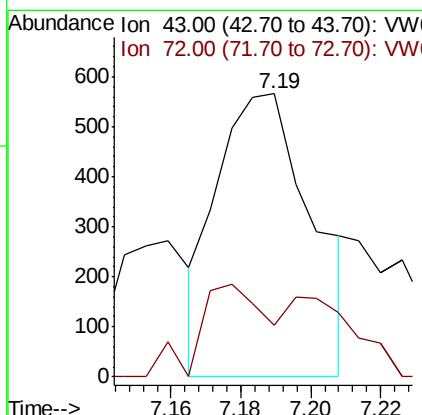
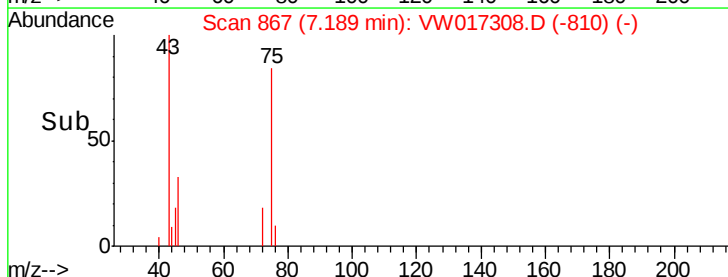
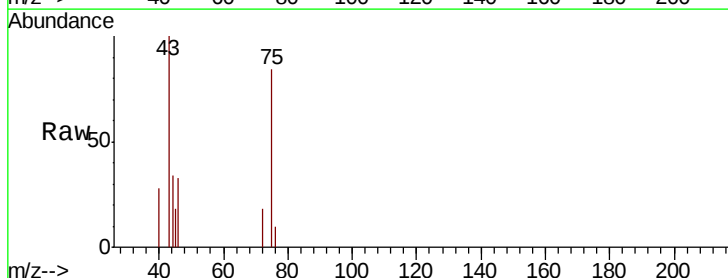
Instrument :
MSVOA_W
ClientSampled :
GB0Y1

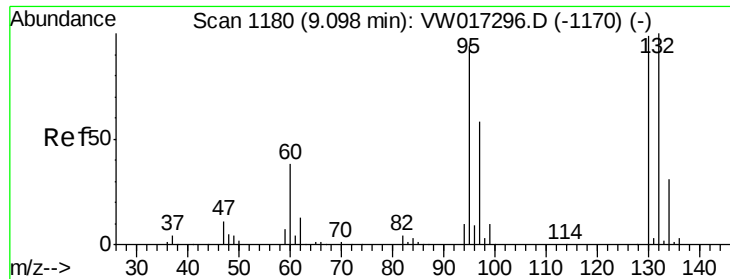
Tot Ion: 84 Resp: 12497
Ion Ratio Lower Upper
84 100
49 111.8 72.3 134.3
86 68.9 45.1 83.7



#21
2-Butanone
Concen: 0.834 ug/L
RT: 7.19 min Scan# 867
Delta R.T. 0.02 min
Lab File: VW017308.D
Acq: 18 Nov 2020 00:42

Tgt Ion: 43 Resp: 1066
Ion Ratio Lower Upper
43 100
72 20.3 16.1 48.3





#35

Trichloroethene

Concen: 2.119 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW017308.D

Acq: 18 Nov 2020 00:42

Instrument :

MSVOA_W

ClientSampleId :

GB0Y1

Tot Ion: 95 Resp: 12327

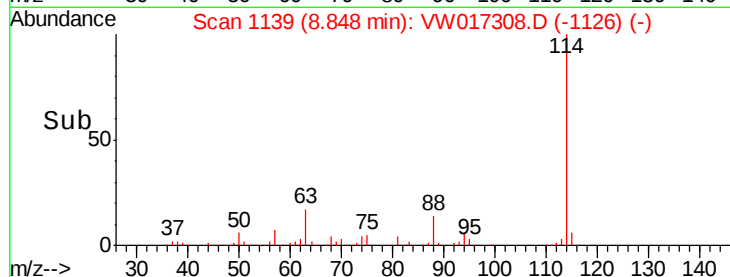
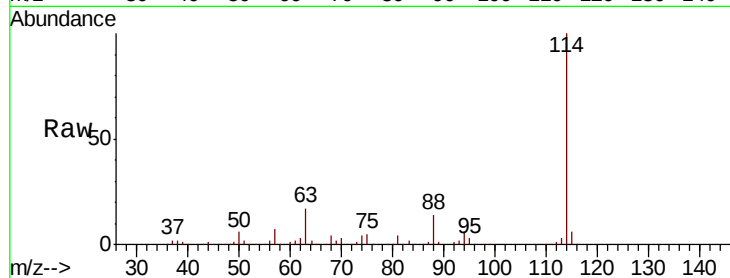
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 73.7 136.9#

130 0.3 77.1 143.1#

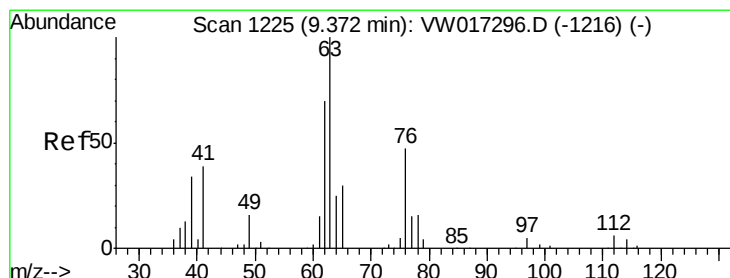
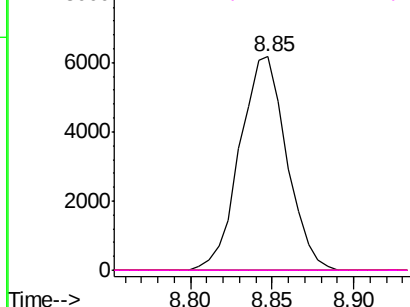


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.223 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017308.D

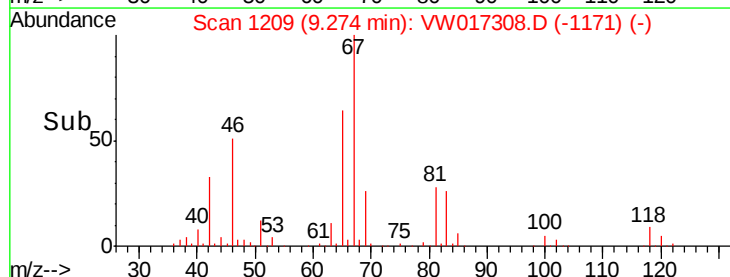
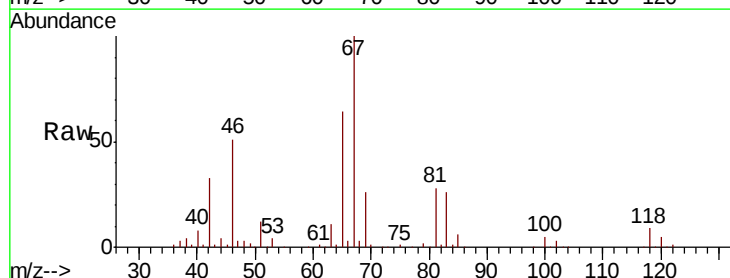
Acq: 18 Nov 2020 00:42

Tgt Ion: 63 Resp: 15648

Ion Ratio Lower Upper

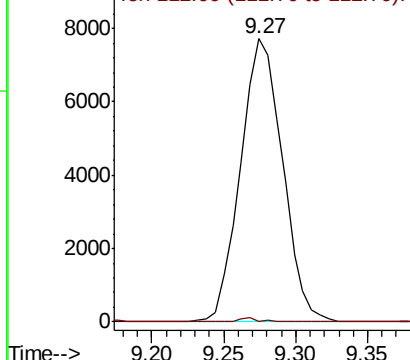
63 100

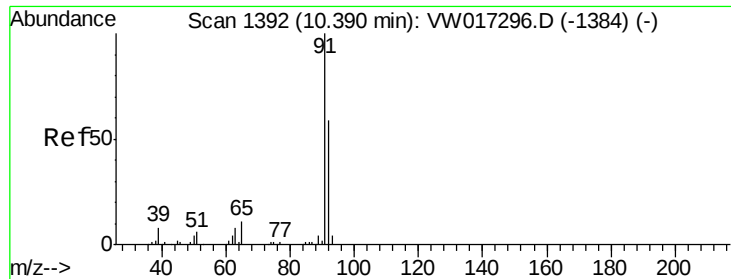
112 0.1 4.2 6.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#44

Toluene

Concen: 0.600 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW017308.D

Acq: 18 Nov 2020 00:42

Instrument :

MSVOA_W

ClientSampled :

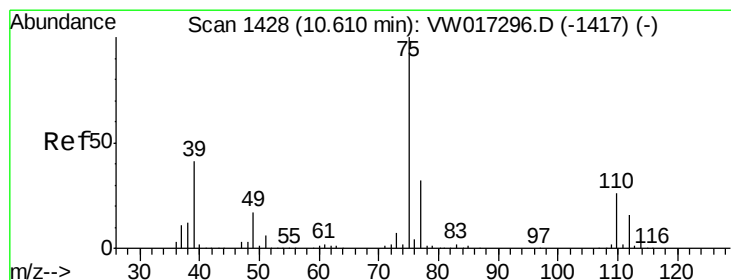
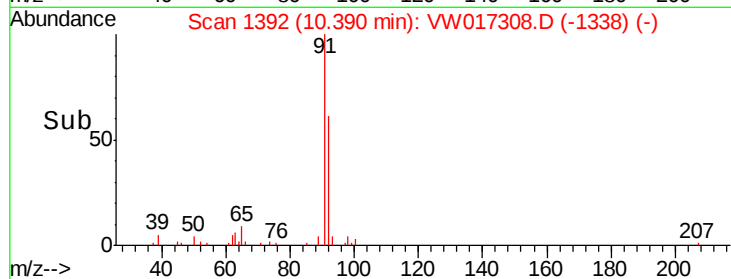
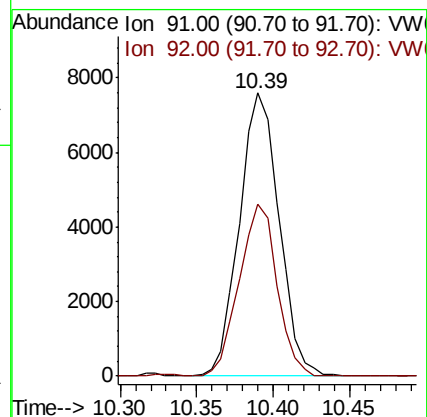
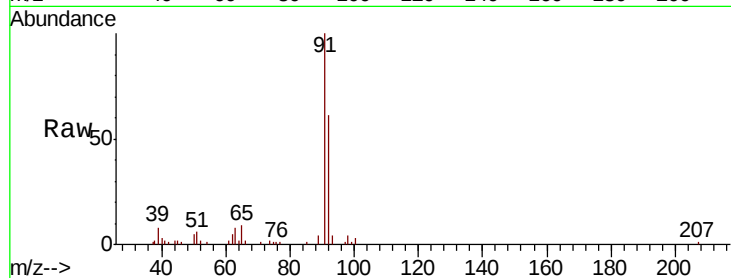
GB0Y1

Tot Ion: 91 Resp: 13710

Ion Ratio Lower Upper

91 100

92 60.9 41.4 76.8



#45

trans-1,3-Dichloropropene

Concen: 0.402 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017308.D

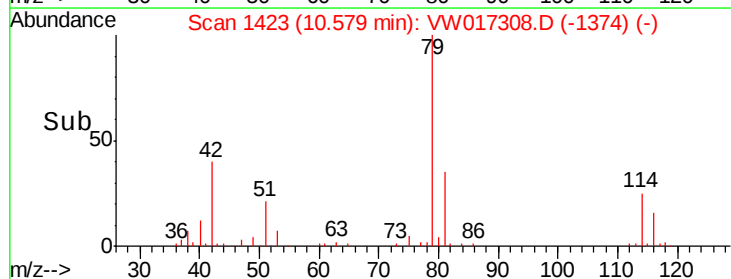
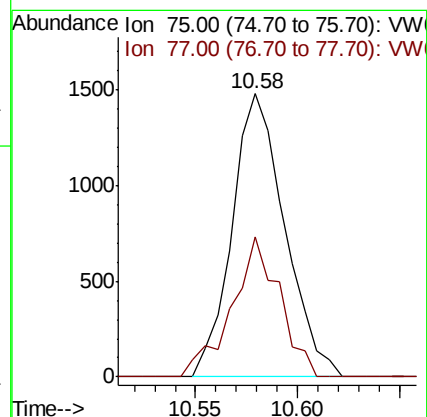
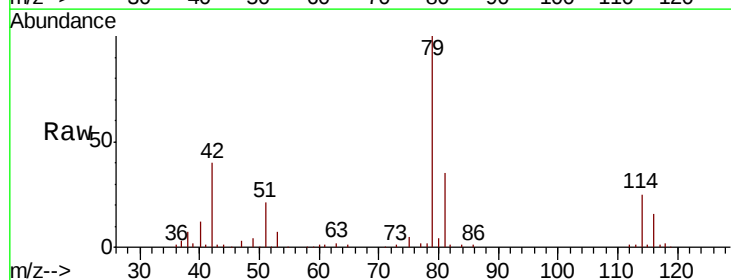
Acq: 18 Nov 2020 00:42

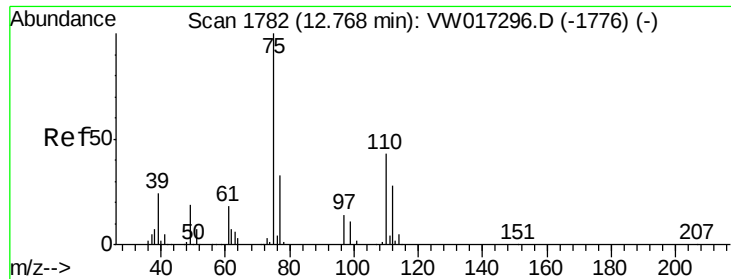
Tgt Ion: 75 Resp: 2652

Ion Ratio Lower Upper

75 100

77 49.5 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 5.228 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017308.D

Acq: 18 Nov 2020 00:42

Instrument :

MSVOA_W

ClientSampleId :

GB0Y1

Tot Ion: 75 Resp: 18170

Ion Ratio Lower Upper

75 100

77 37.4 26.4 39.6

