

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017305.D
 Acq On : 17 Nov 2020 23:32
 Operator : SY/VA
 Sample : L4738-11
 Misc : 5.96G/10ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0X8

Quant Time: Nov 18 04:52:32 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	409383	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	355516	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	137438	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	95013	18.43	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.72%
7) Chloroethane-d5	2.89	69	85828	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.40%
10) 1,1-Dichloroethene-d2	4.02	63	144349	15.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.60%
20) 2-Butanone-d5	7.08	46	55704	48.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.62%
24) Chloroform-d	7.65	84	229543	24.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.08%
26) 1,2-Dichloroethane-d4	8.38	65	142	0.03	ug/L	0.08
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	437765	24.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.72%
33) 1,2-Dichloropropane-d6	9.27	67	125989	25.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.64%
37) Toluene-d8	10.32	98	398853	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.44%
38) trans-1,3-Dichloropropene-	10.58	79	49712	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.08%
39) 2-Hexanone-d5	10.93	63	47045	53.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110324	25.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	115229	23.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.20%

Target Compounds

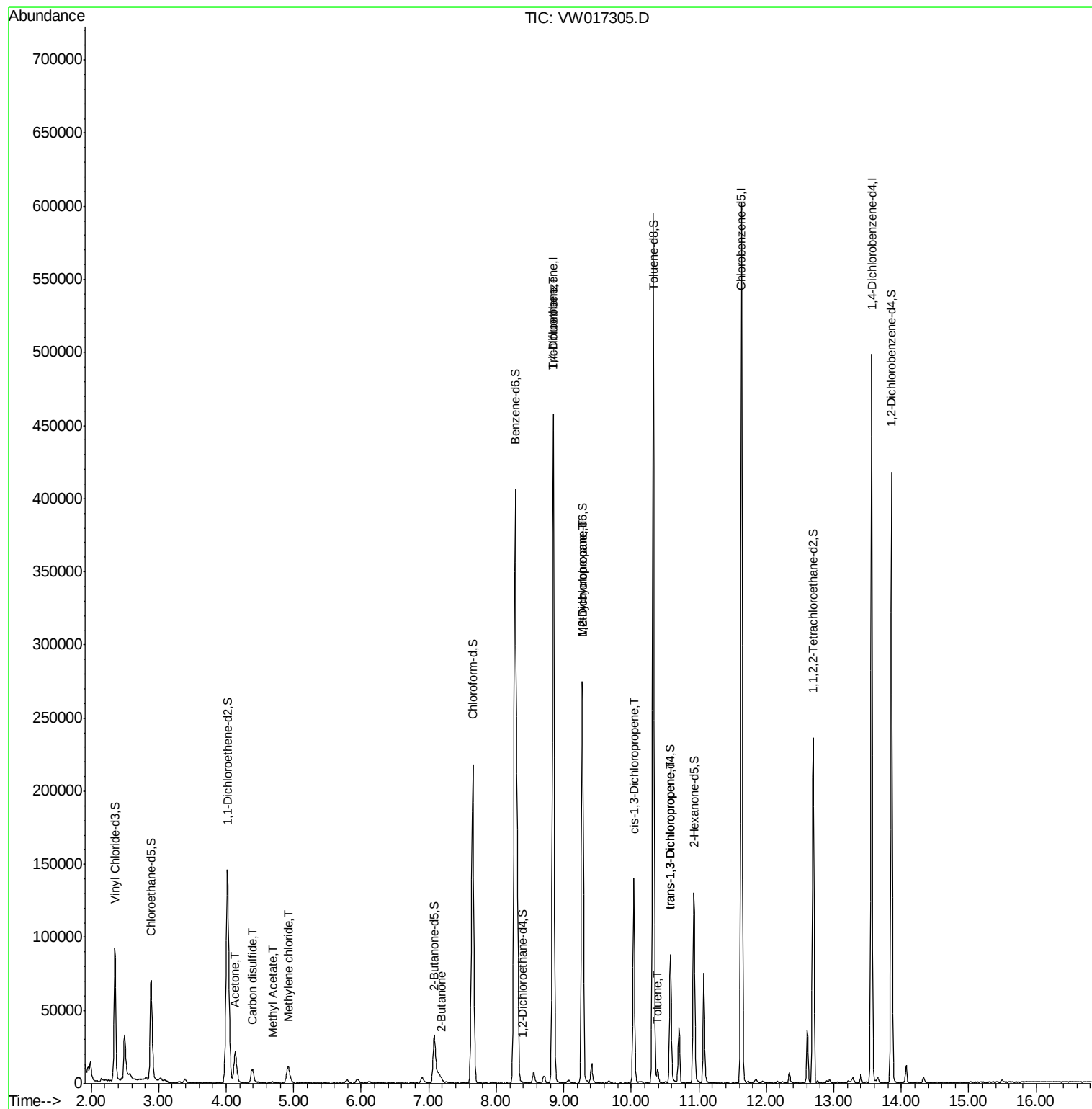
					Ovalue
13) Acetone	4.14	43	39707	51.428	ug/L 100
14) Carbon disulfide	4.39	76	21408	1.548	ug/L 99
15) Methyl Acetate	4.69	43	2116	1.106	ug/L 94
16) Methylene chloride	4.92	84	10464	1.896	ug/L 98
21) 2-Butanone	7.18	43	4954	3.996	ug/L 97
35) Trichloroethene	8.84	95	11973	2.290	ug/L # 2
36) Methylcyclohexane	9.27	83	33224	3.948	ug/L # 22
40) 1,2-Dichloropropane	9.27	63	14446	3.310	ug/L # 85
42) cis-1,3-Dichloropropene	10.04	75	3940	0.570	ug/L # 78
44) Toluene	10.39	91	6831	0.332	ug/L 99
45) trans-1,3-Dichloropropene	10.58	75	2276	0.383	ug/L 85

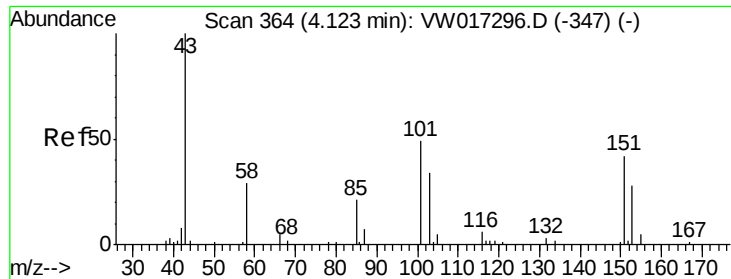
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW11720\
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Quant Title : VOC Analysis
QLast Update : Wed Nov 18 04:50:20 2020
Response via : Initial Calibration





#13

Acetone

Concen: 51.428 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017305.D

Acq: 17 Nov 2020 23:32

Instrument :

MSVOA_W

ClientSampled :

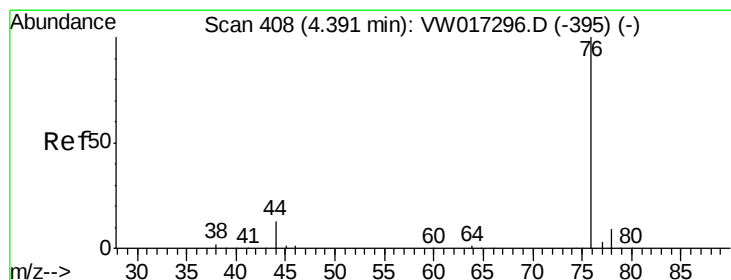
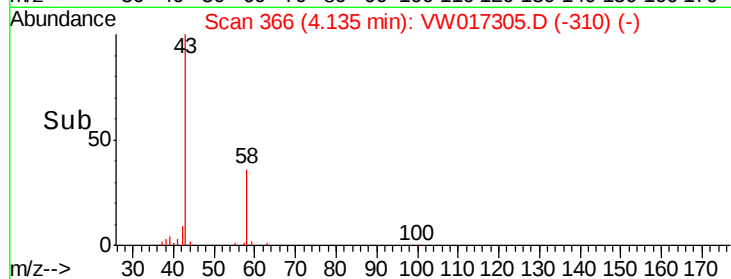
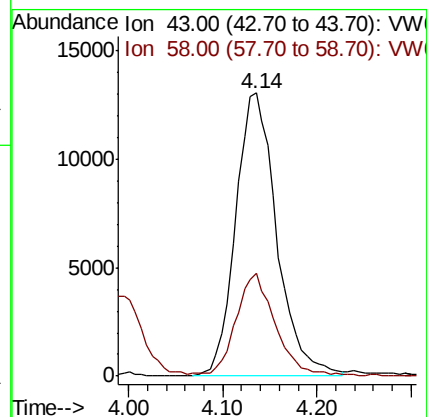
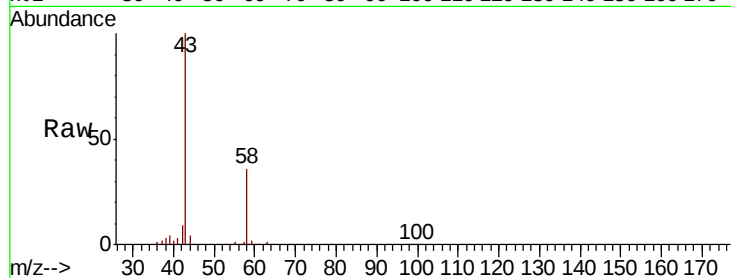
GB0X8

Tot Ion: 43 Resp: 39707

Ion Ratio Lower Upper

43 100

58 34.3 0.0 69.2



#14

Carbon disulfide

Concen: 1.548 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.00 min

Lab File: VW017305.D

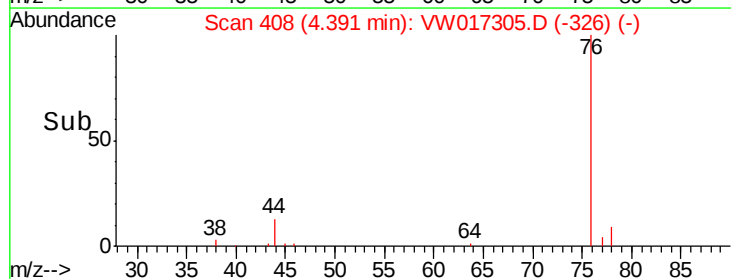
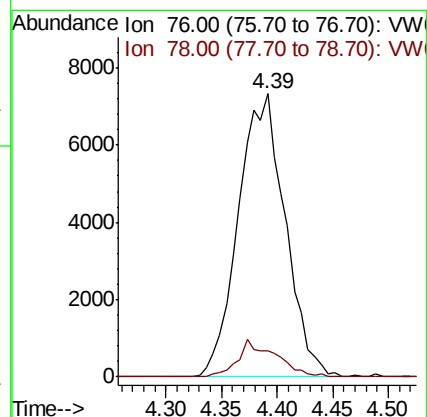
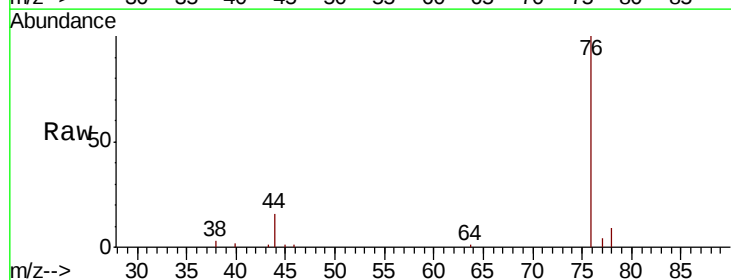
Acq: 17 Nov 2020 23:32

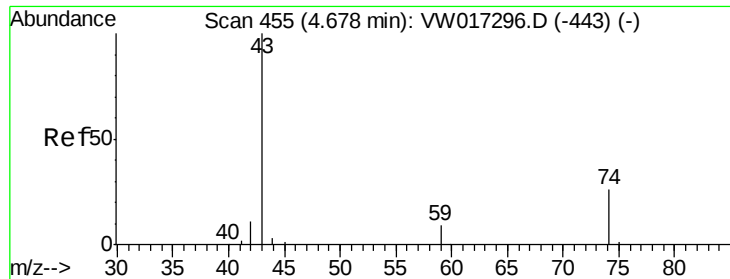
Tgt Ion: 76 Resp: 21408

Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4

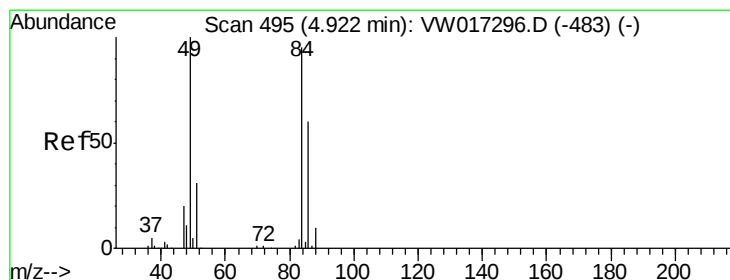
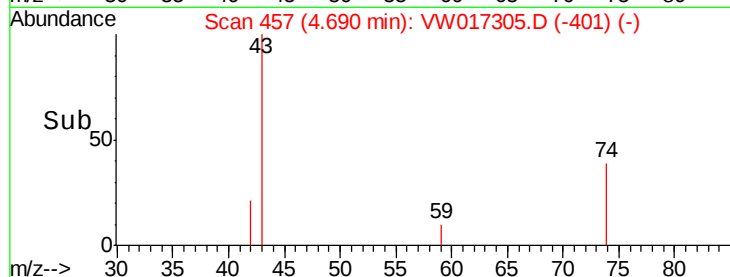
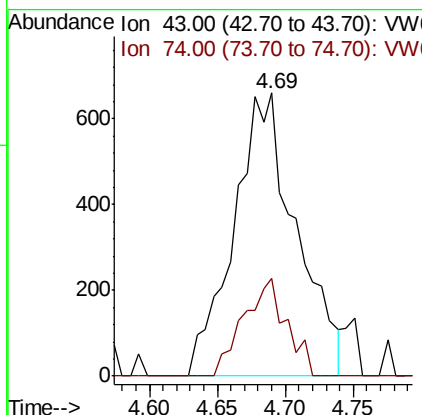
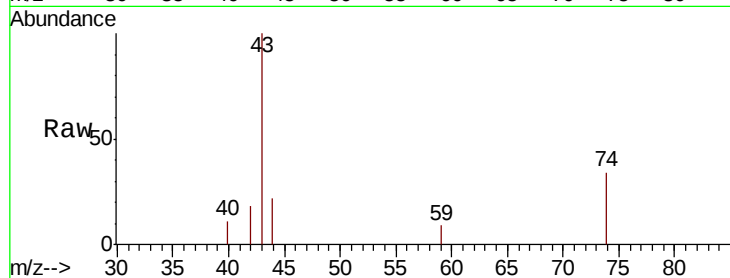




#15
Methvl Acetate
Concen: 1.106 ug/L
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW017305.D
Acq: 17 Nov 2020 23:32

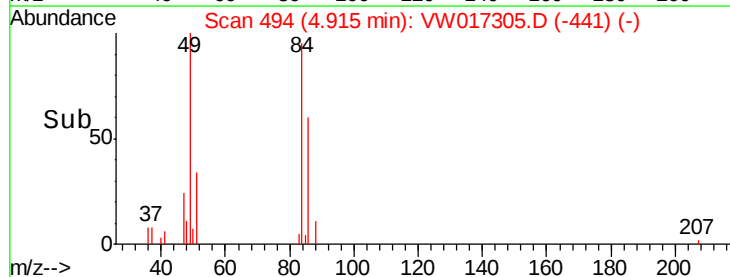
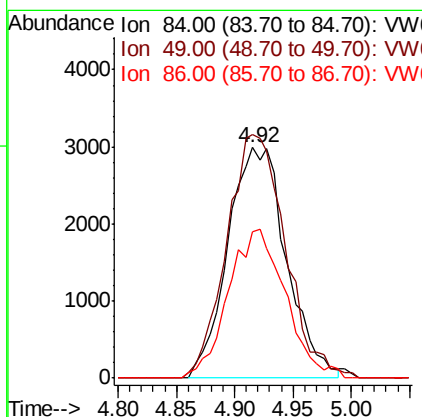
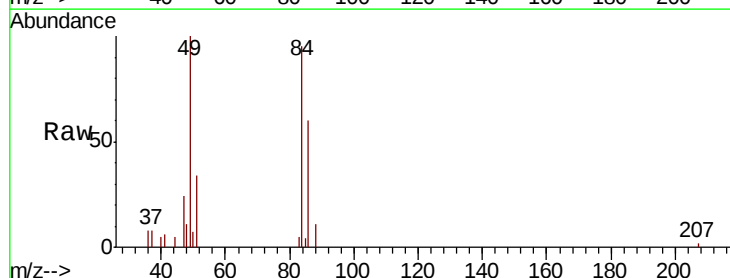
Instrument :
MSVOA_W
ClientSampleId :
GB0X8

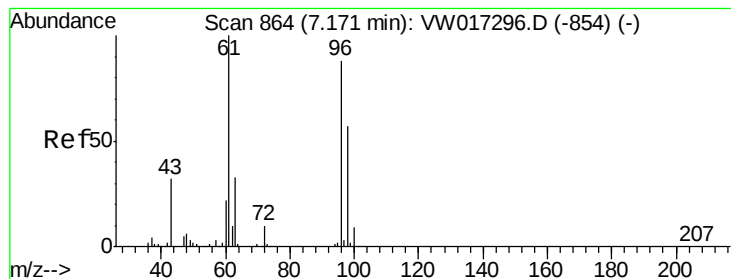
Tot Ion: 43 Resp: 2116
Ion Ratio Lower Upper
43 100
74 23.7 21.5 32.3



#16
Methylene chloride
Concen: 1.896 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017305.D
Acq: 17 Nov 2020 23:32

Tgt Ion: 84 Resp: 10464
Ion Ratio Lower Upper
84 100
49 105.6 72.3 134.3
86 63.8 45.1 83.7





#21

2-Butanone

Concen: 3.996 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW017305.D

Acq: 17 Nov 2020 23:32

Instrument :

MSVOA_W

ClientSampled :

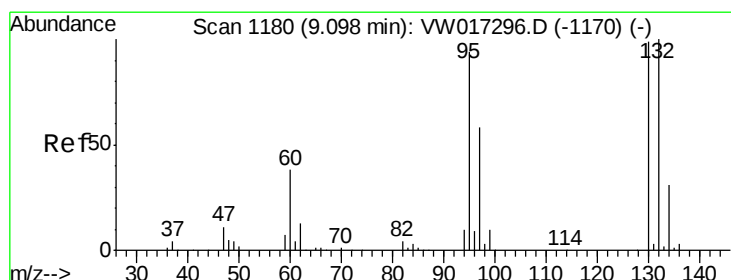
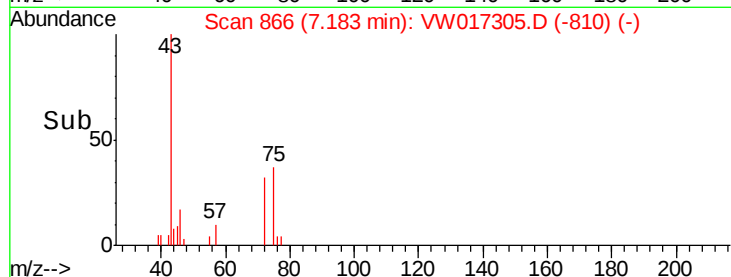
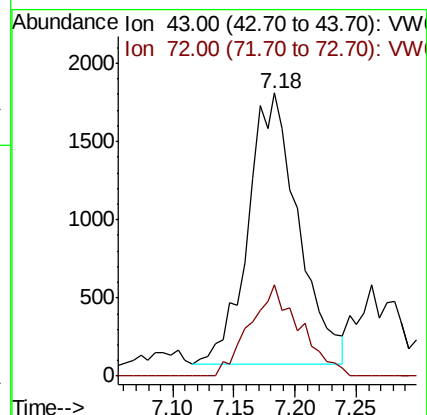
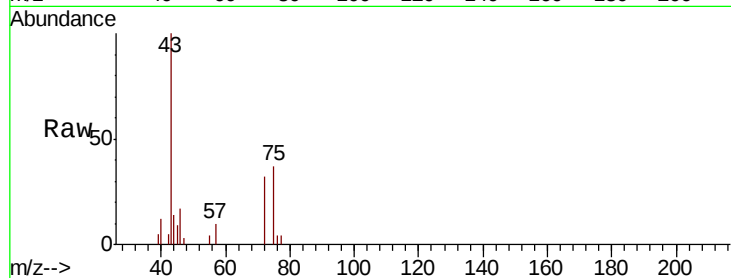
GB0X8

Tot Ion: 43 Resp: 4954

Ion Ratio Lower Upper

43 100

72 33.9 16.1 48.3



#35

Trichloroethene

Concen: 2.290 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.26 min

Lab File: VW017305.D

Acq: 17 Nov 2020 23:32

Tgt Ion: 95 Resp: 11973

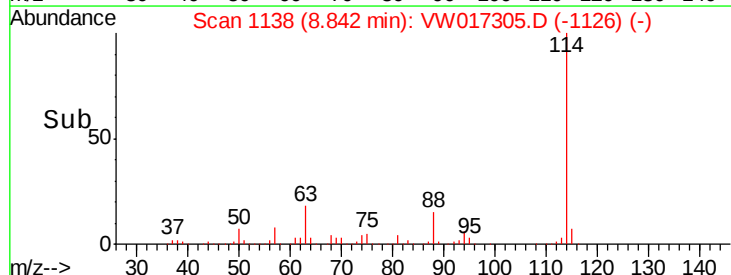
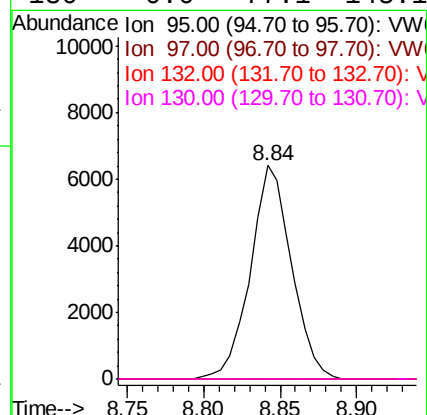
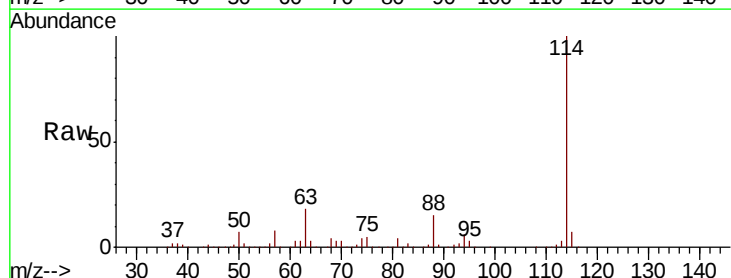
Ion Ratio Lower Upper

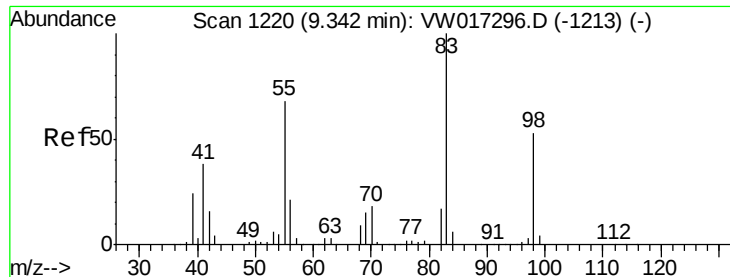
95 100

97 0.0 45.0 83.6#

132 0.0 73.7 136.9#

130 0.0 77.1 143.1#

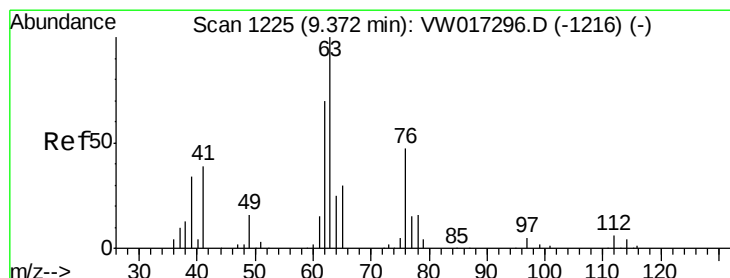
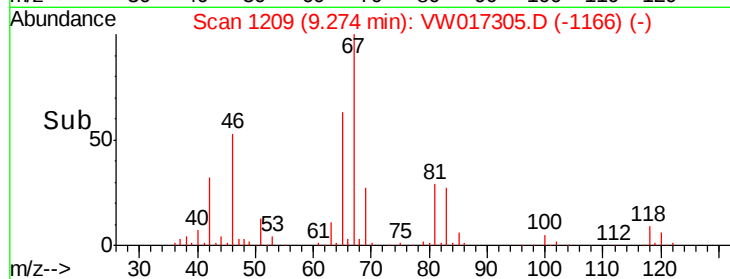
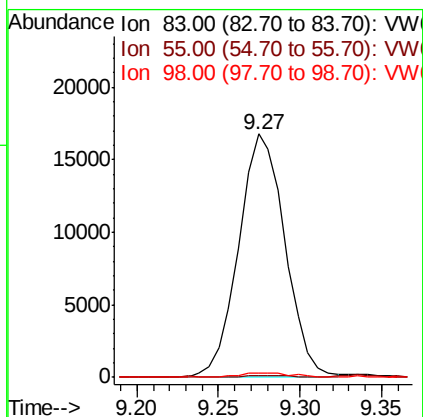
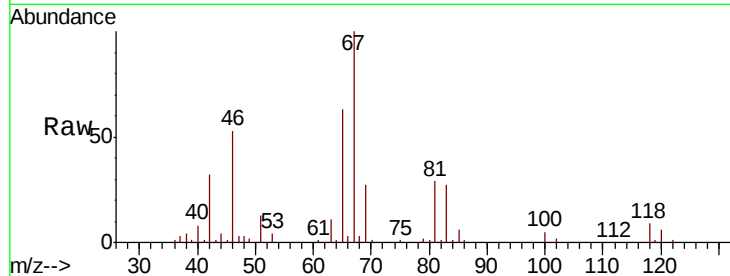




#36
Methylcyclohexane
Concen: 3.948 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.07 min
Lab File: VW017305.D
Acq: 17 Nov 2020 23:32

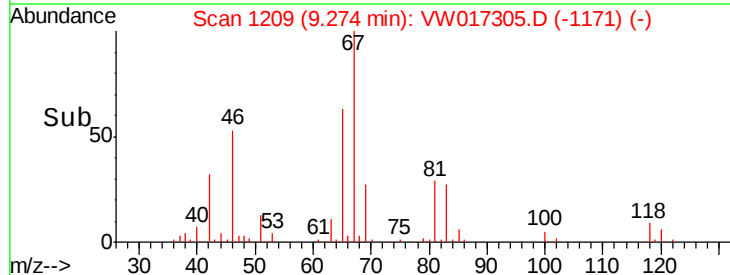
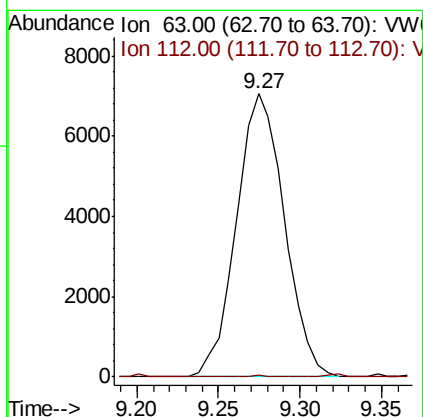
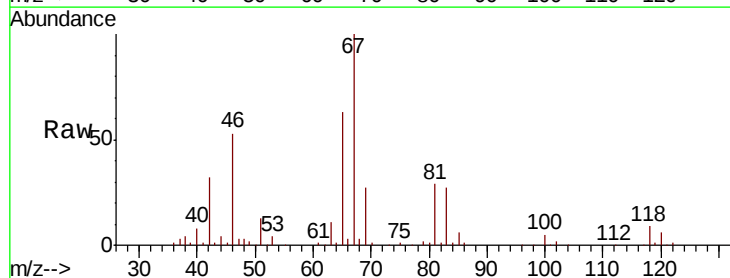
Instrument :
MSVOA_W
ClientSampled :
GB0X8

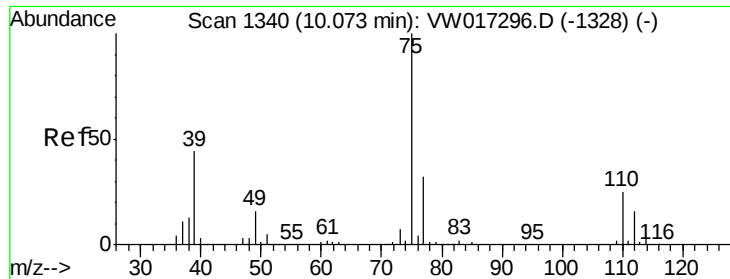
Tot Ion: 83 Resp: 33224
Ion Ratio Lower Upper
83 100
55 0.7 54.4 81.6#
98 2.0 40.5 60.7#



#40
1,2-Dichloropropane
Concen: 3.310 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW017305.D
Acq: 17 Nov 2020 23:32

Tgt Ion: 63 Resp: 14446
Ion Ratio Lower Upper
63 100
112 0.3 4.2 6.2#





#42

cis-1,3-Dichloropropene

Concen: 0.570 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017305.D

Acq: 17 Nov 2020 23:32

Instrument :

MSVOA_W

ClientSampleId :

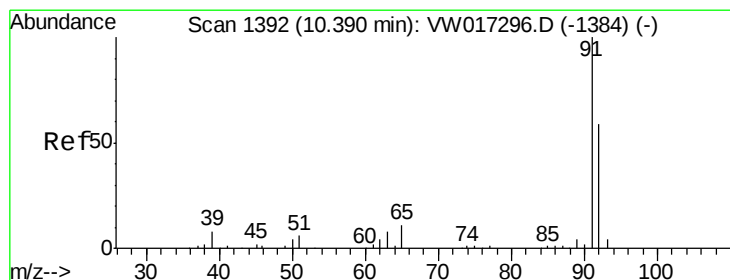
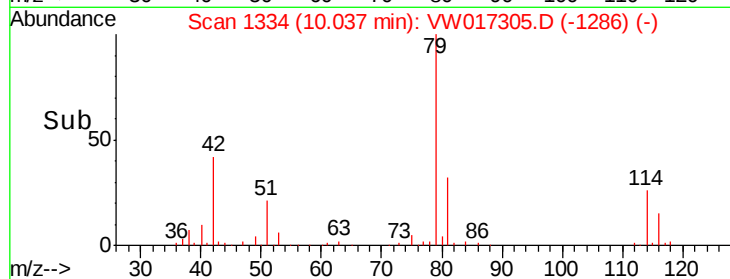
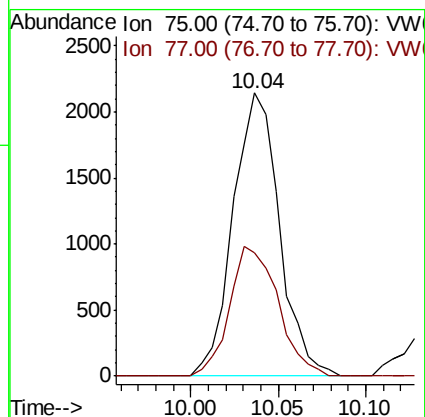
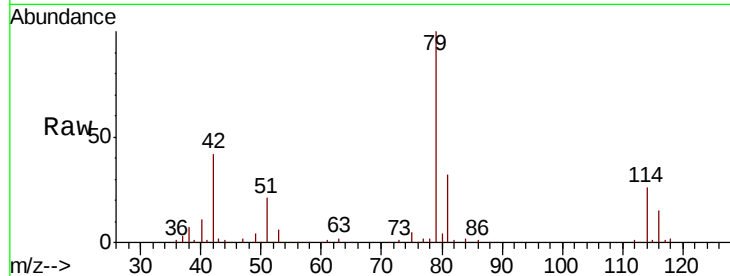
GB0X8

Tot Ion: 75 Resp: 3940

Ion Ratio Lower Upper

75 100

77 43.6 22.0 41.0#



#44

Toluene

Concen: 0.332 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW017305.D

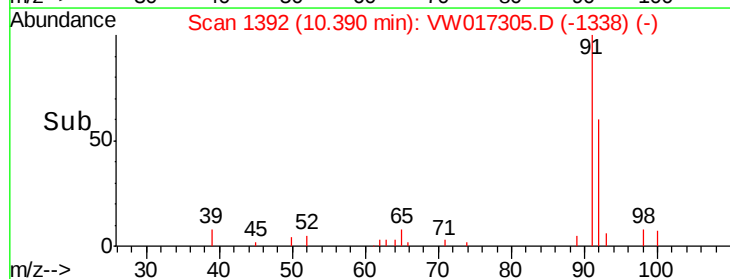
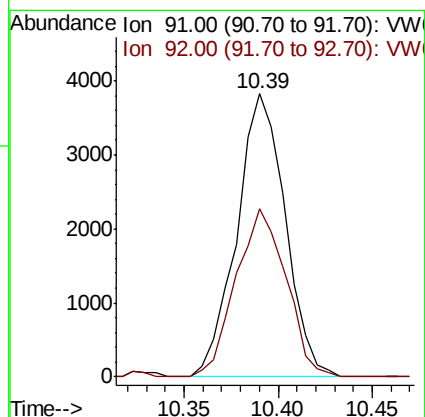
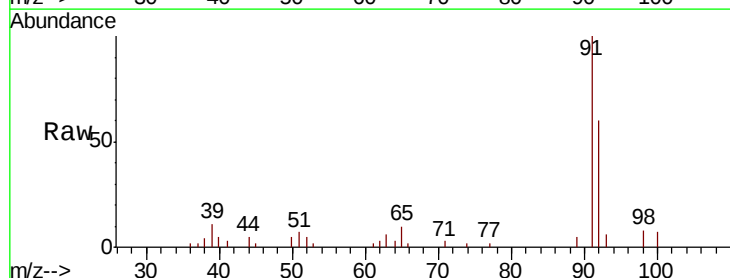
Acq: 17 Nov 2020 23:32

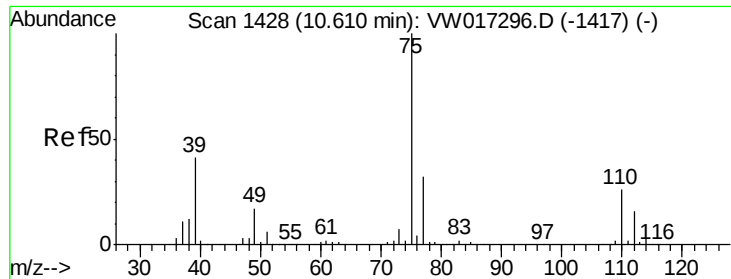
Tgt Ion: 91 Resp: 6831

Ion Ratio Lower Upper

91 100

92 59.6 41.4 76.8





#45

trans-1,3-Dichloropropene

Concen: 0.383 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017305.D

Acq: 17 Nov 2020 23:32

Instrument :

MSVOA_W

ClientSampleId :

GB0X8

Tot Ion: 75 Resp: 2276

Ion Ratio Lower Upper

75 100

77 40.2 22.1 41.1

