

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122420\
 Data File : VW017741.D
 Acq On : 24 Dec 2020 17:11
 Operator : SY/VA
 Sample : L5173-11
 Misc : 5.56G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 07:48:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 25 07:46:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	341591	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	280467	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	107230	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	107570	20.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.40%
7) Chloroethane-d5	2.89	69	100218	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.92%
10) 1,1-Dichloroethene-d2	4.02	63	139242	15.12	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.48%
20) 2-Butanone-d5	7.07	46	56521	65.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.96%
24) Chloroform-d	7.65	84	216342	24.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.96%
26) 1,2-Dichloroethane-d4	8.31	65	123311	26.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.76%
29) Benzene-d6	8.27	84	417151	26.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.60%
33) 1,2-Dichloropropane-d6	9.27	67	123405	28.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.36%
37) Toluene-d8	10.32	98	366736	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.68%
38) trans-1,3-Dichloropropene-	10.58	79	39858	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.12%
39) 2-Hexanone-d5	10.93	63	39774	72.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.46%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94370	29.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	93578	25.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.24%

Target Compounds

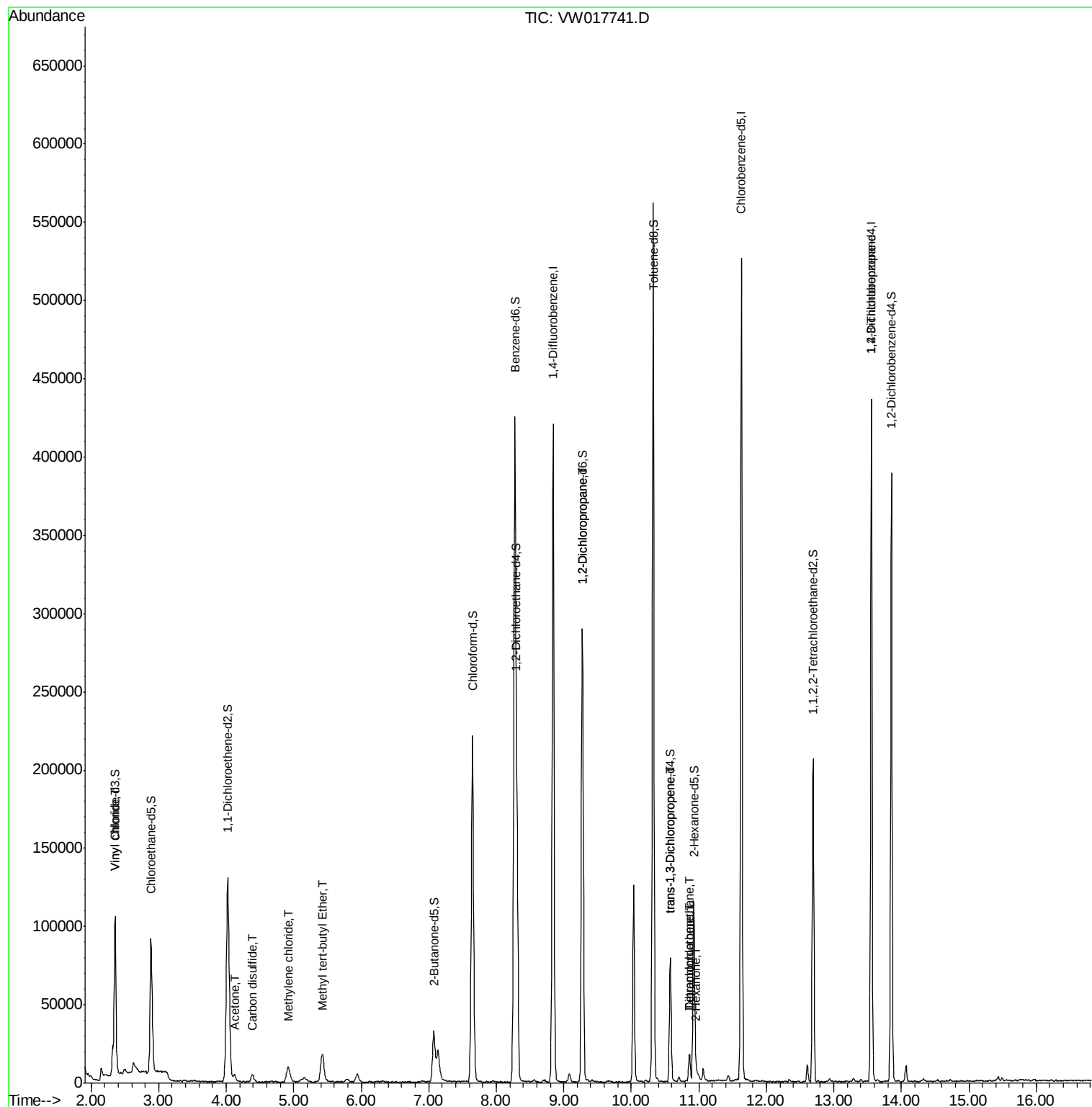
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.36	62	3464	0.611	ug/L #	23
13) Acetone	4.12	43	6848	9.258	ug/L	72
14) Carbon disulfide	4.39	76	9255	0.736	ug/L	96
16) Methylene chloride	4.92	84	7763	1.589	ug/L	89
17) Methyl tert-butyl Ether	5.43	73	30840	5.780	ug/L #	77
40) 1,2-Dichloropropane	9.27	63	16045	4.238	ug/L #	86
45) trans-1,3-Dichloropropene	10.58	75	2360	0.459	ug/L #	65
47) Tetrachloroethene	10.87	164	3200	0.922	ug/L	80
49) 2-Hexanone	10.97	43	774	0.593	ug/L #	47
50) Dibromochloromethane	10.86	129	3351	1.003	ug/L #	9
59) 1,2,3-Trichloropropane	13.55	75	15532	6.727	ug/L	97

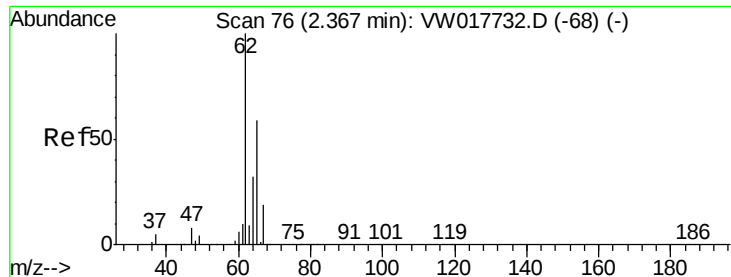
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122420\
Data File : VW017741.D
Acq On : 24 Dec 2020 17:11
Operator : SY/VA
Sample : L5173-11
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 25 07:48:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 25 07:46:43 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.611 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW017741.D

Acq: 24 Dec 2020 17:11

Instrument :

MSVOA_W

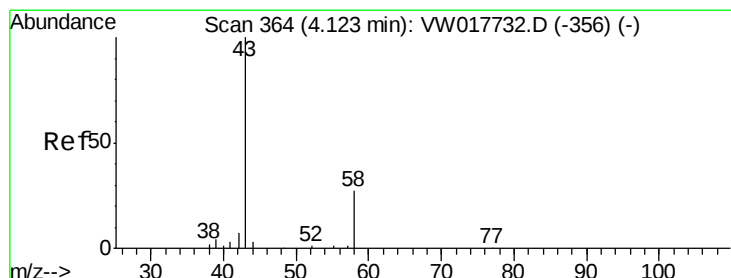
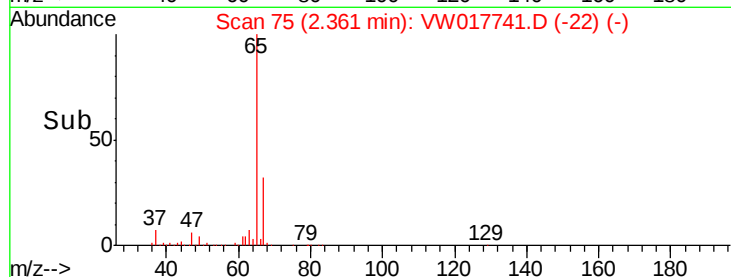
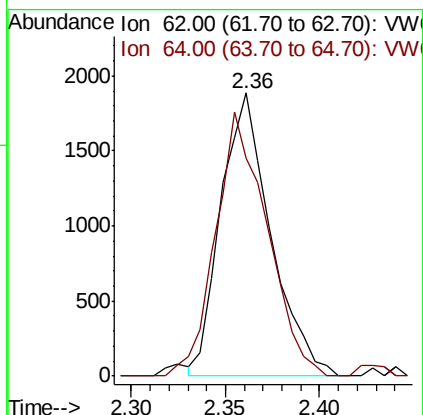
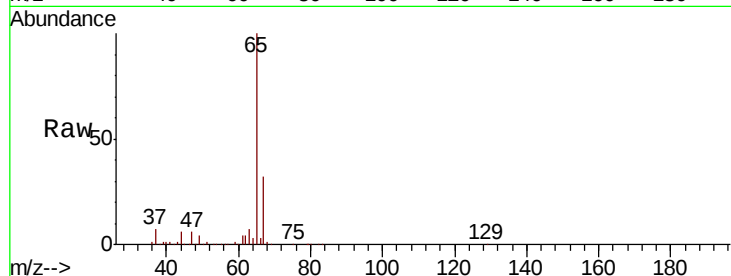
ClientSampleId :

Tot Ion: 62 Resp: 3464

Ion Ratio Lower Upper

62 100

64 76.9 23.3 43.3#



#13

Acetone

Concen: 9.258 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW017741.D

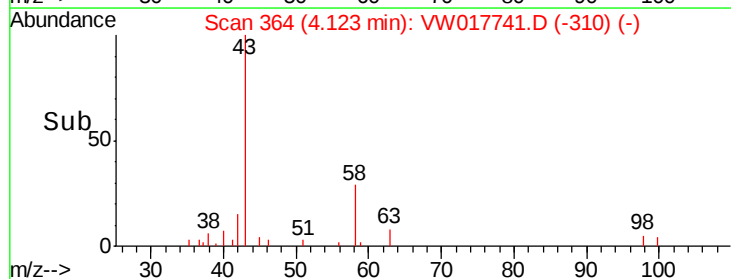
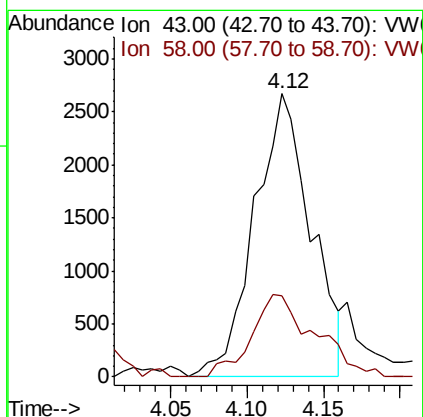
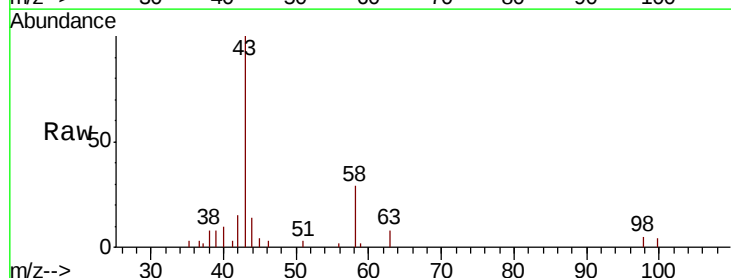
Acq: 24 Dec 2020 17:11

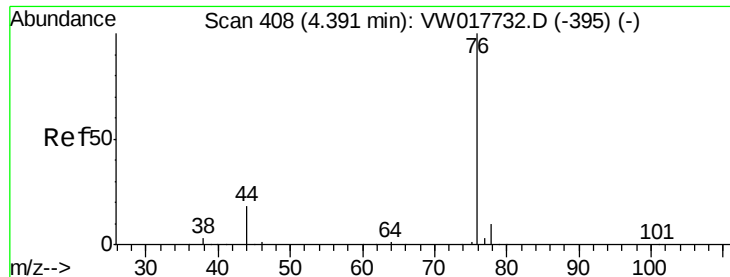
Tgt Ion: 43 Resp: 6848

Ion Ratio Lower Upper

43 100

58 15.3 0.0 60.8

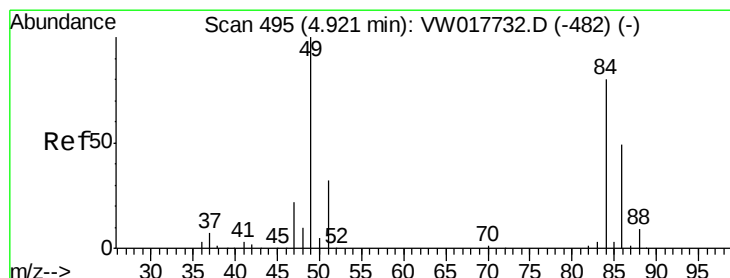
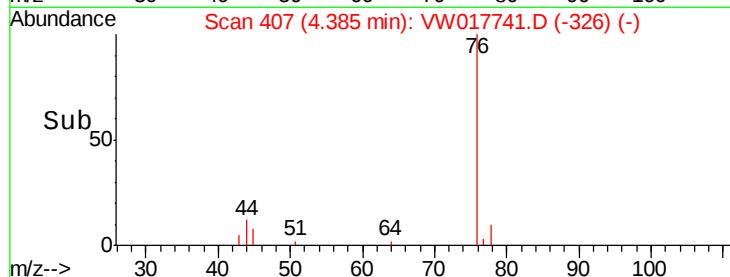
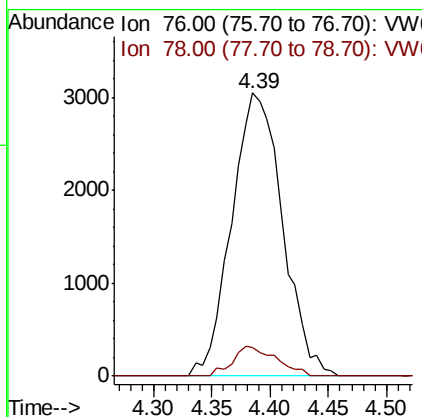
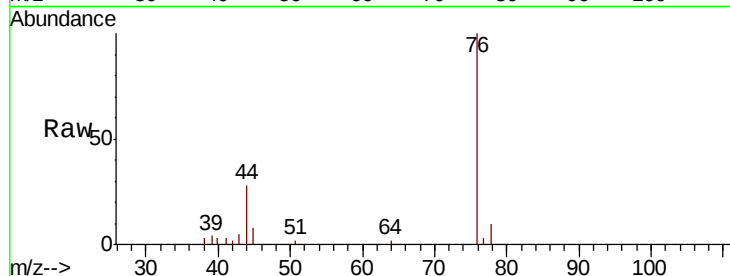




#14
Carbon disulfide
Concen: 0.736 ug/L
RT: 4.39 min Scan# 407
Delta R.T. -0.01 min
Lab File: VW017741.D
Acq: 24 Dec 2020 17:11

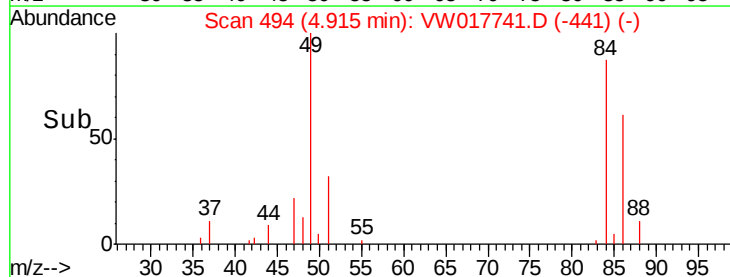
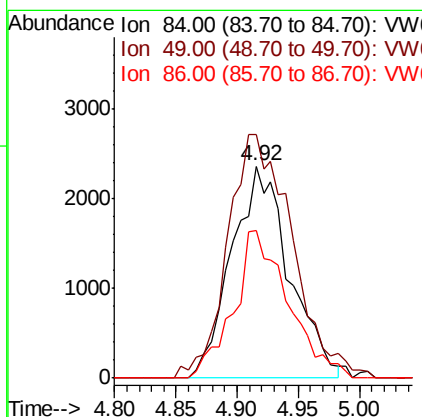
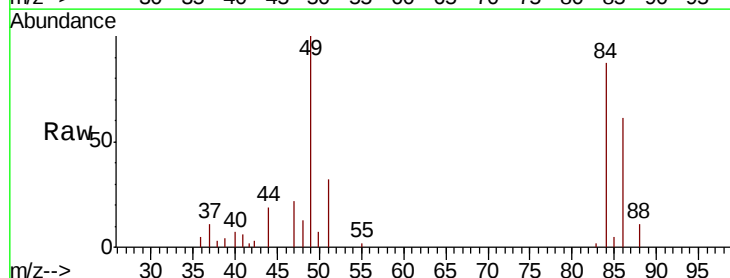
Instrument :
MSVOA_W
ClientSampled :

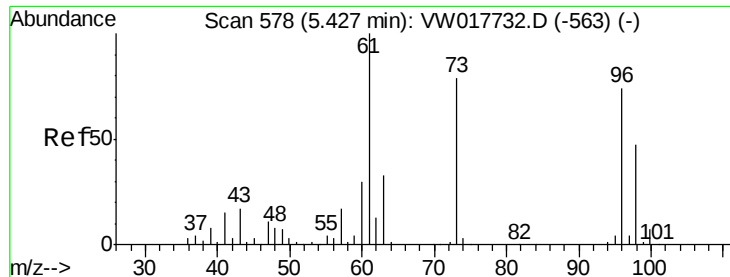
Tot Ion: 76 Resp: 9255
Ion Ratio Lower Upper
76 100
78 10.3 7.1 10.7



#16
Methylene chloride
Concen: 1.589 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017741.D
Acq: 24 Dec 2020 17:11

Tgt Ion: 84 Resp: 7763
Ion Ratio Lower Upper
84 100
49 114.9 90.5 168.1
86 69.7 44.8 83.2

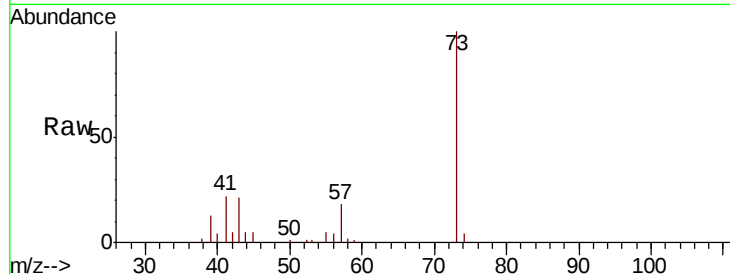




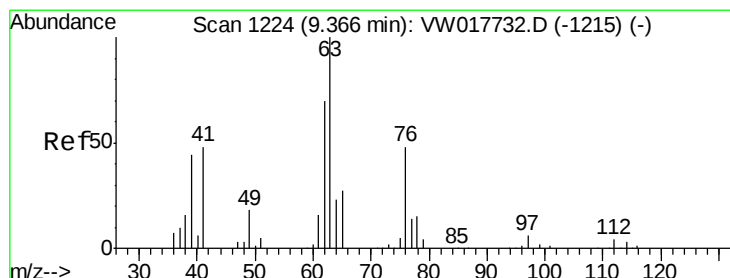
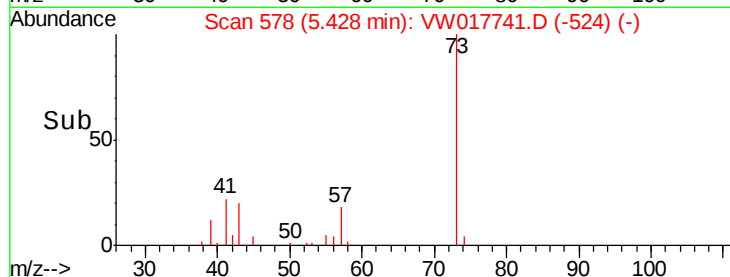
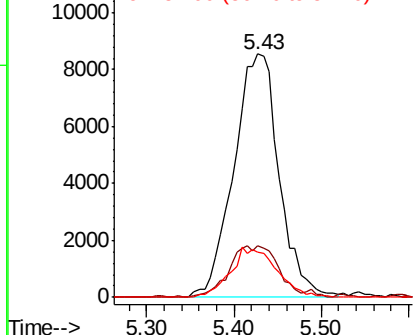
#17
Methvl tert-butvl Ether
Concen: 5.780 ug/L
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW017741.D
Acq: 24 Dec 2020 17:11

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 73 Resp: 30840
Ion Ratio Lower Upper
73 100
43 11.9 17.1 25.7#
57 8.7 16.6 25.0#

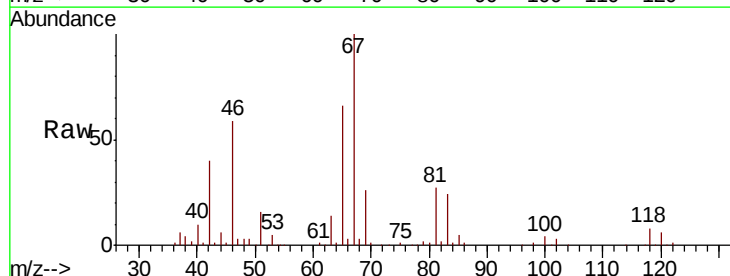


Abundance Ion 73.00 (72.70 to 73.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 57.00 (56.70 to 57.70): VW

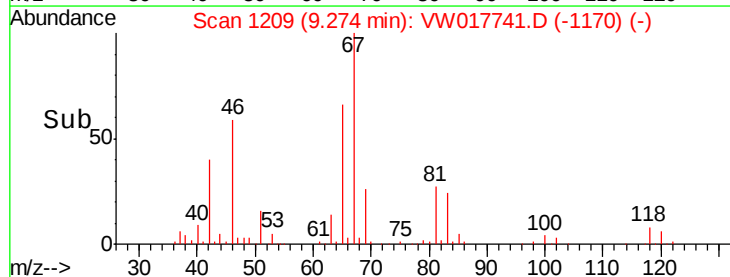
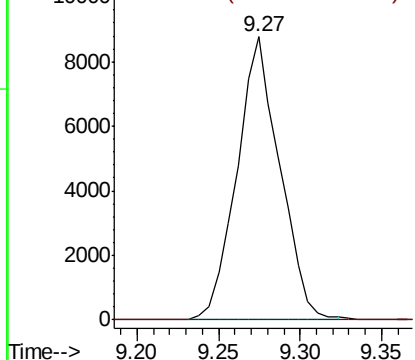


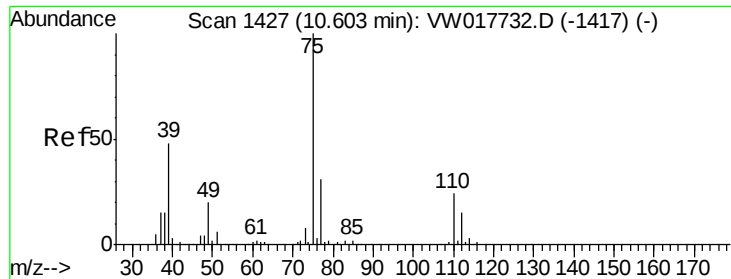
#40
1,2-Dichloropropane
Concen: 4.238 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW017741.D
Acq: 24 Dec 2020 17:11

Tgt Ion: 63 Resp: 16045
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 112.00 (111.70 to 112.70): V





#45

trans-1,3-Dichloropropene

Concen: 0.459 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017741.D

Acq: 24 Dec 2020 17:11

Instrument :

MSVOA_W

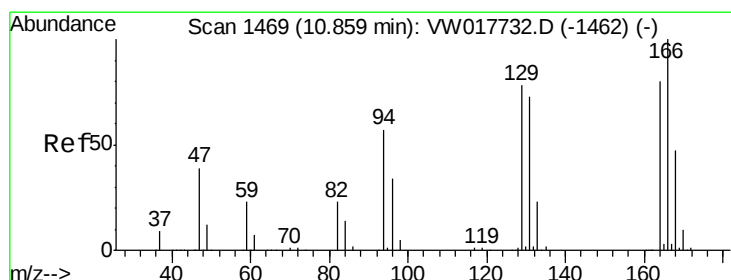
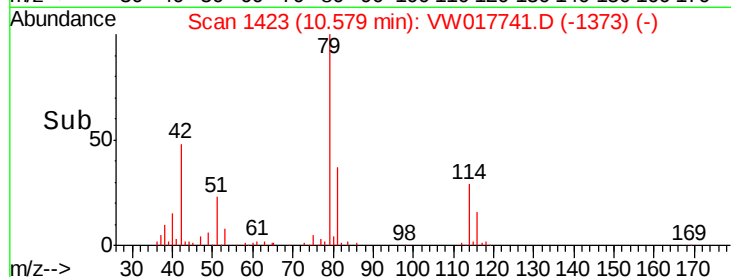
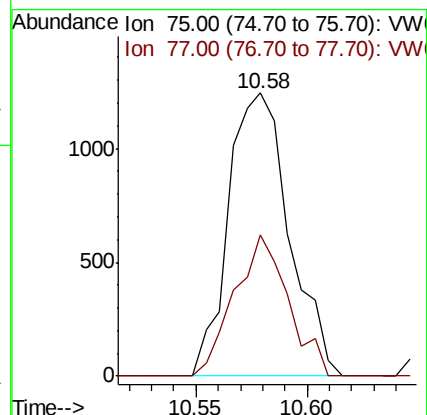
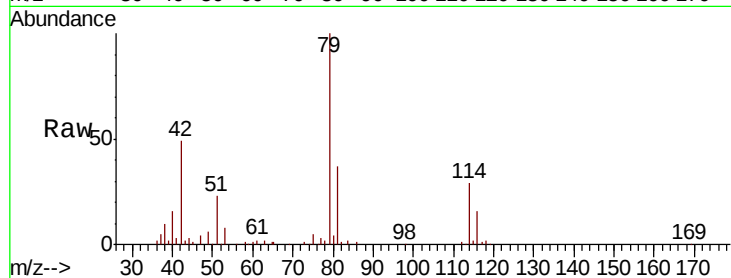
ClientSampled :

Tot Ion: 75 Resp: 2360

Ion Ratio Lower Upper

75 100

77 49.9 21.6 40.0#



#47

Tetrachloroethene

Concen: 0.922 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW017741.D

Acq: 24 Dec 2020 17:11

Tgt Ion:164 Resp: 3200

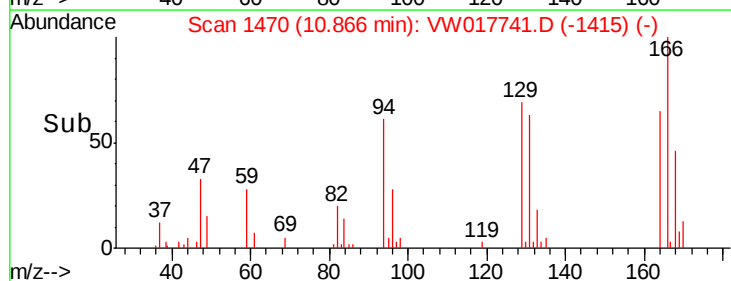
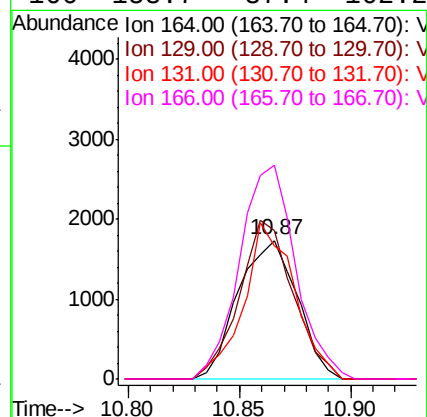
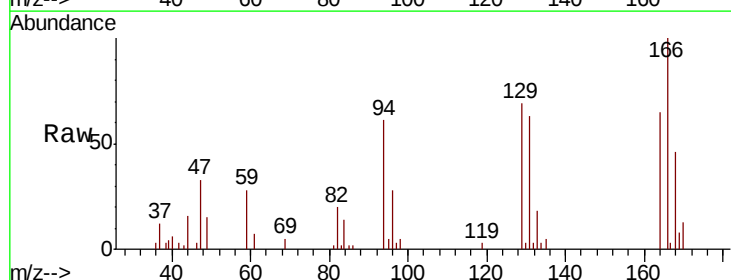
Ion Ratio Lower Upper

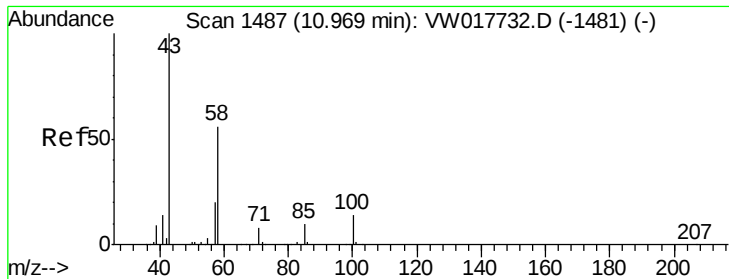
164 100

129 106.6 62.9 116.9

131 100.2 63.8 118.6

166 158.7 87.4 162.2

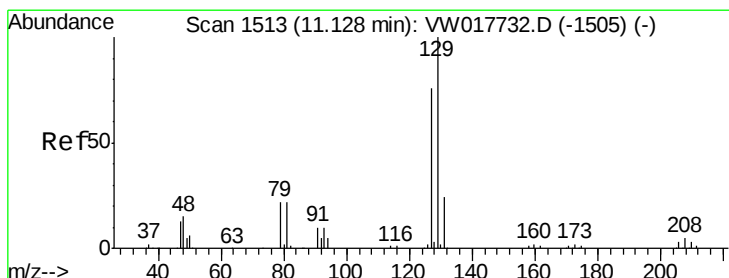
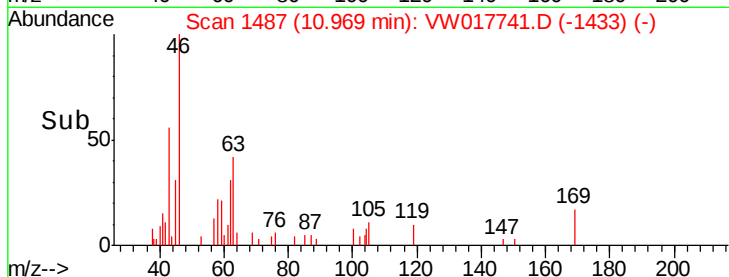
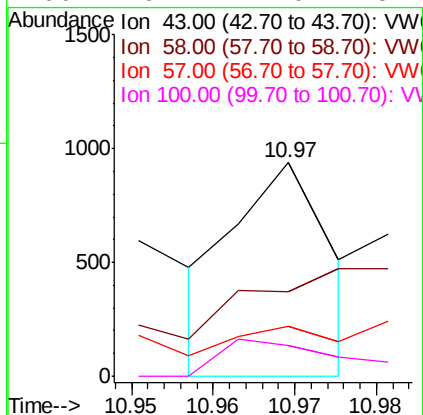
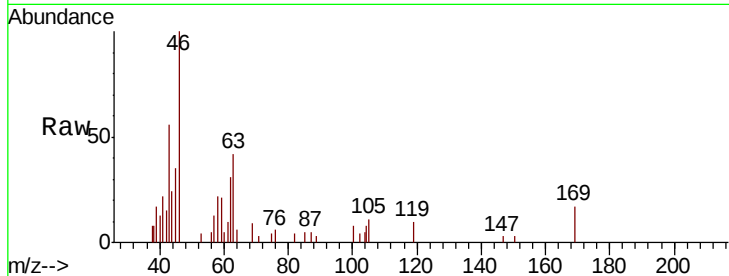




#49
2-Hexanone
Concen: 0.593 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW017741.D
Acq: 24 Dec 2020 17:11

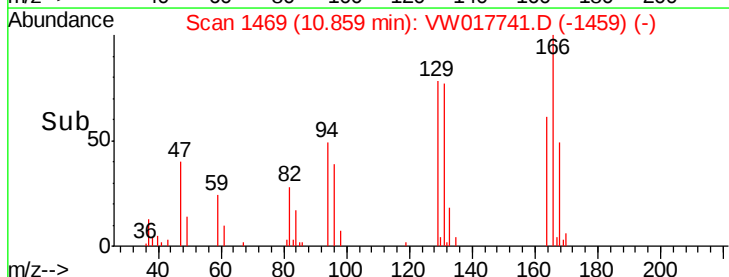
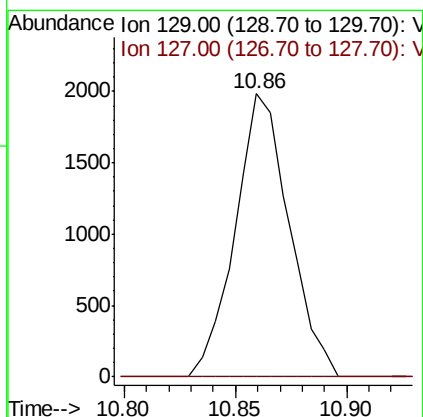
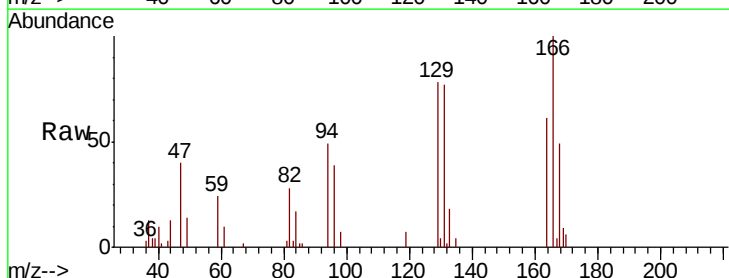
Instrument :
MSVOA_W
ClientSampleId :

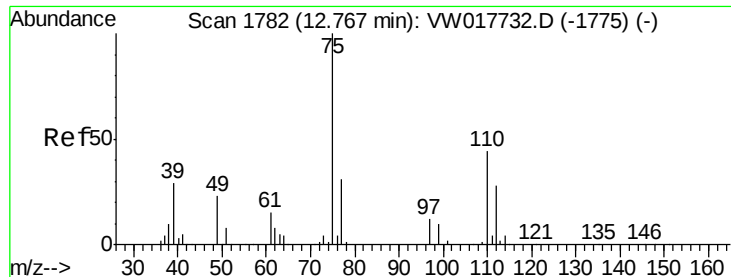
Tot Ion: 43 Resp: 774
Ion Ratio Lower Upper
43 100
58 0.0 44.2 66.4#
57 25.6 16.1 24.1#
100 20.7 11.0 16.4#



#50
Dibromochloromethane
Concen: 1.003 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.27 min
Lab File: VW017741.D
Acq: 24 Dec 2020 17:11

Tgt Ion: 129 Resp: 3351
Ion Ratio Lower Upper
129 100
127 0.0 56.1 104.3#





#59

1,2,3-Trichloropropane

Concen: 6.727 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017741.D

Acq: 24 Dec 2020 17:11

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 15532

Ion Ratio Lower Upper

75 100

77 33.5 25.4 38.0

