

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 :
 BG4R7

Quant Time: Dec 25 08:10:59 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

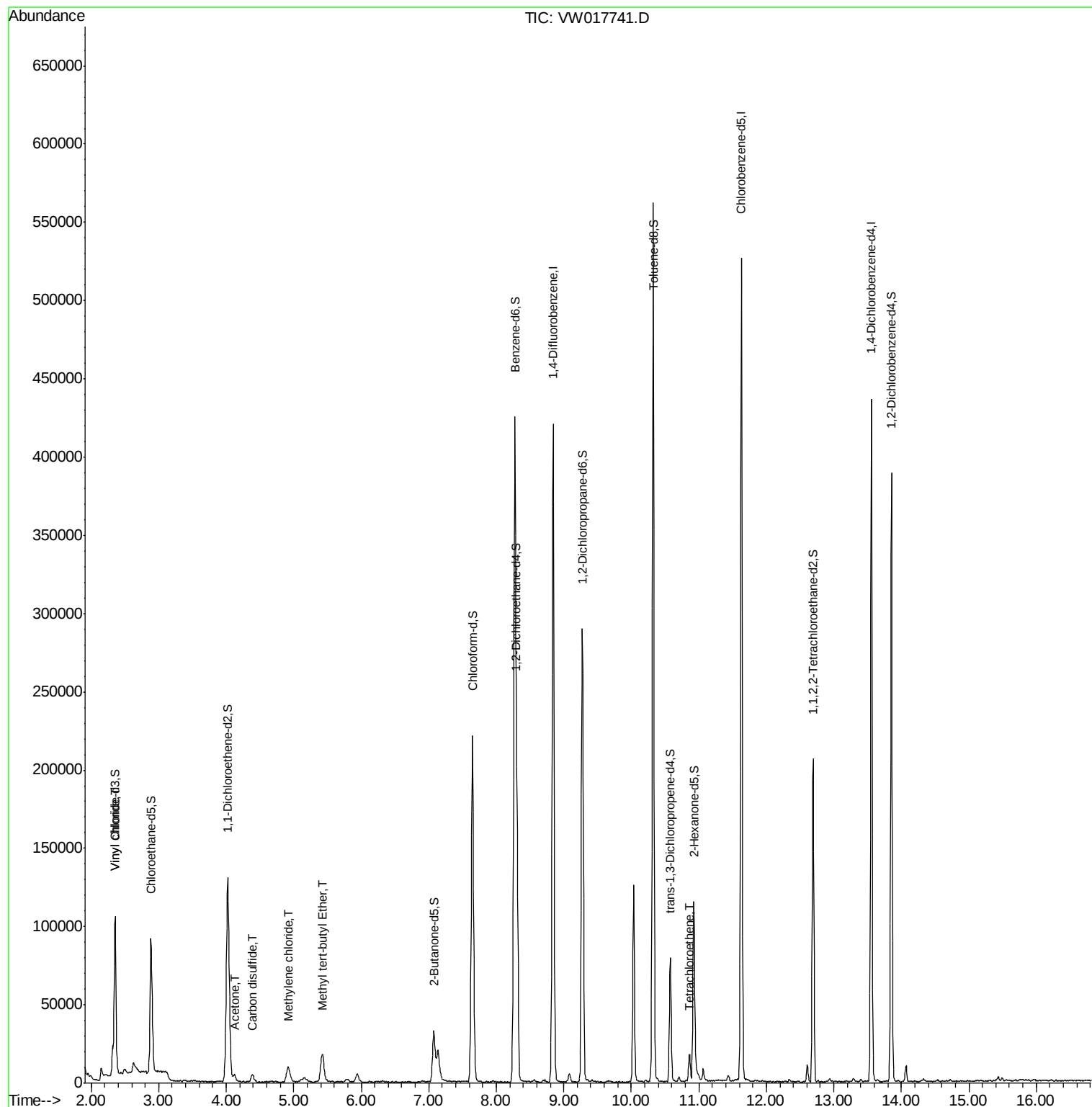
					Ovalue
5) Vinyl chloride	2.36	62	3464	0.611 ug/L #	23
13) Acetone	4.12	43	6848	9.258 ug/L	72
14) Carbon disulfide	4.39	76	9255	0.736 ug/L	96
16) Methylene chloride	4.92	84	7763	1.589 ug/L	89
17) Methyl tert-butyl Ether	5.43	73	30840	5.780 ug/L #	77
47) Tetrachloroethene	10.87	164	3200	0.922 ug/L	80

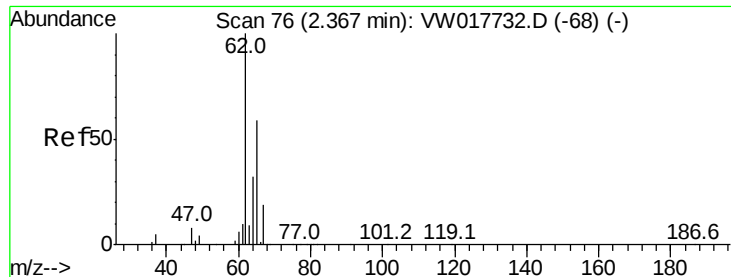
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

ClientSampled :

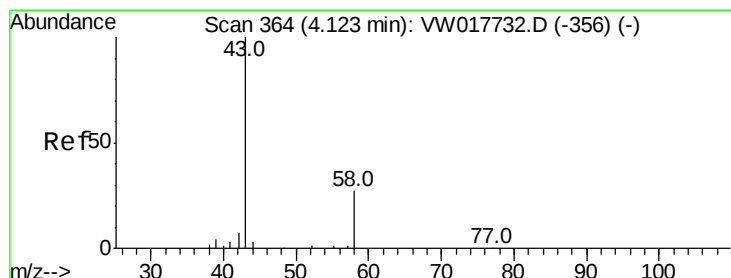
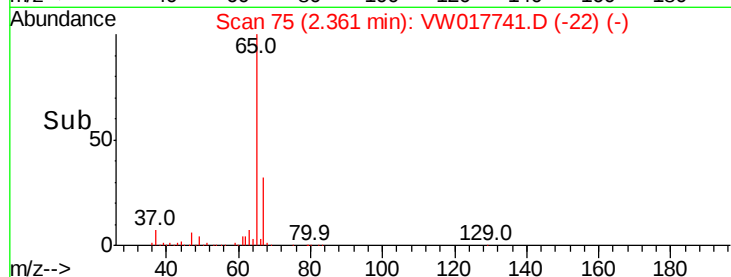
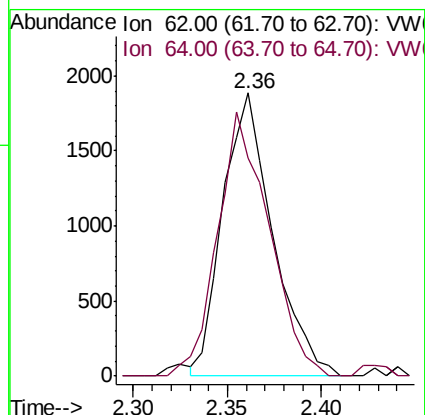
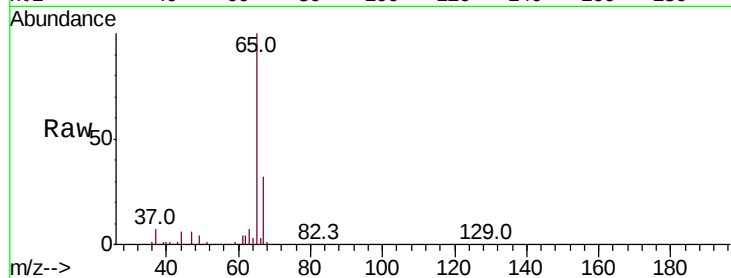
BG4R7

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

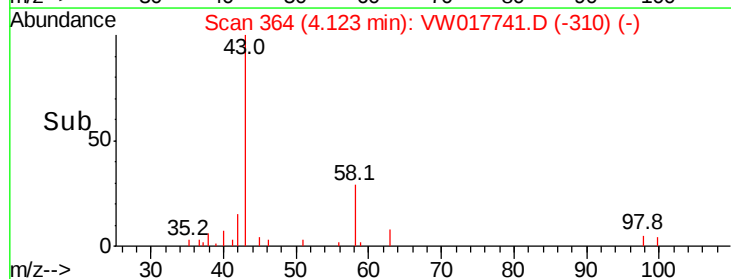
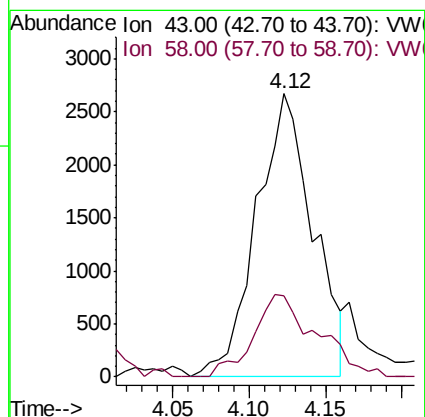
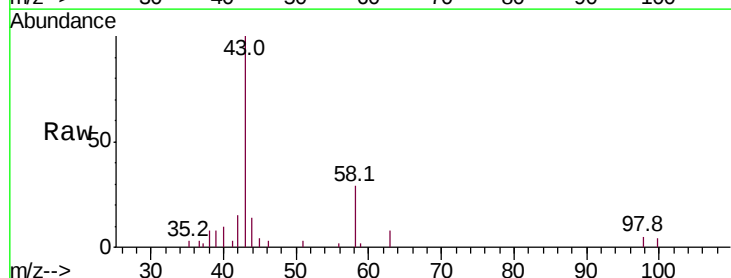
Acq: 24 Dec 2020 17:11

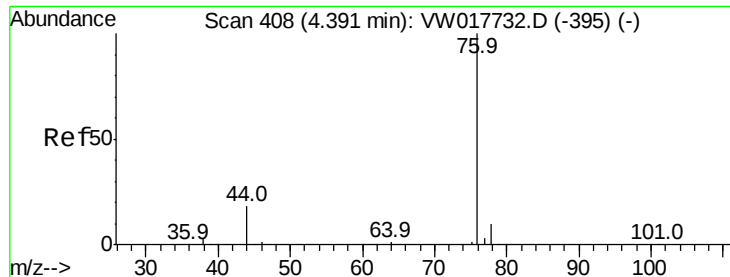
Tgt Ion: 43 Resp: 6848

Ion Ratio Lower Upper

43 100

58 15.3 0.0 60.8

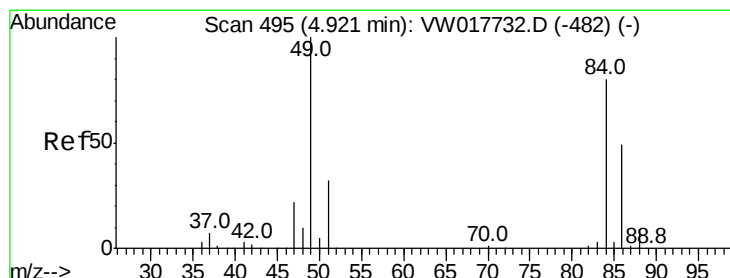
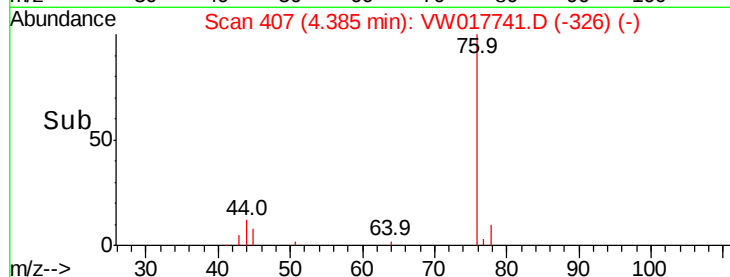
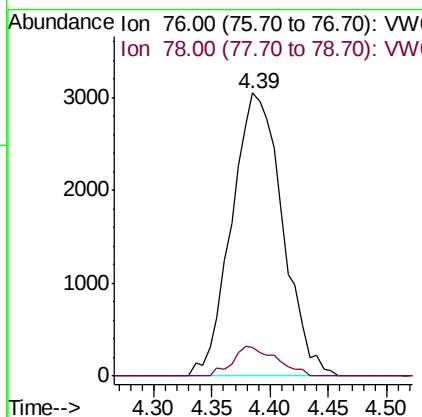
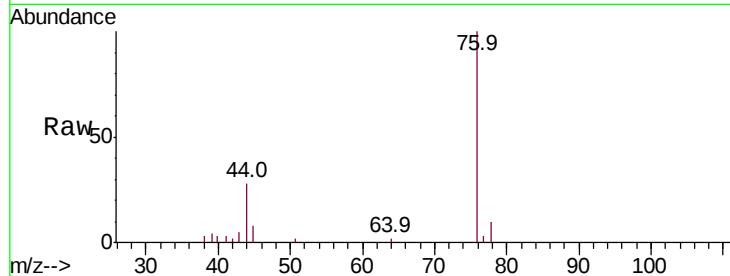




#14
Carbon disulfide
Concen: 0.736 ug/L
RT: 4.39 min Scan# 407
Delta R.T. -0.01 min
Lab File: VW017741.D
Acq: 24 Dec 2020 17:11

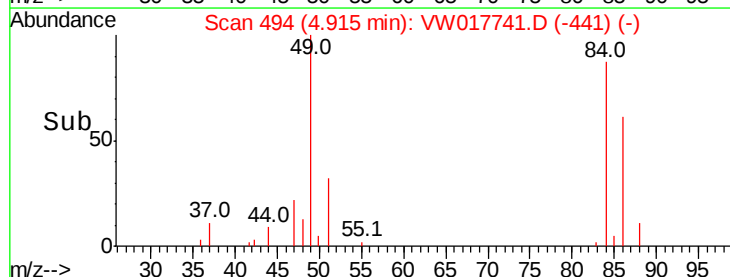
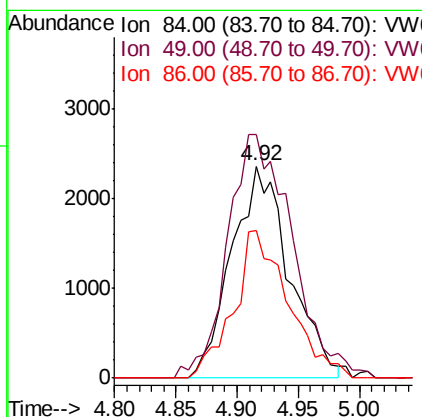
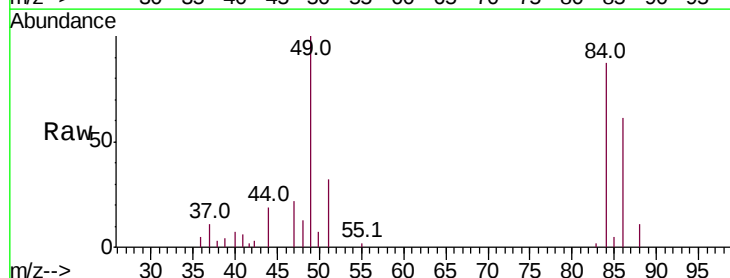
Instrument :
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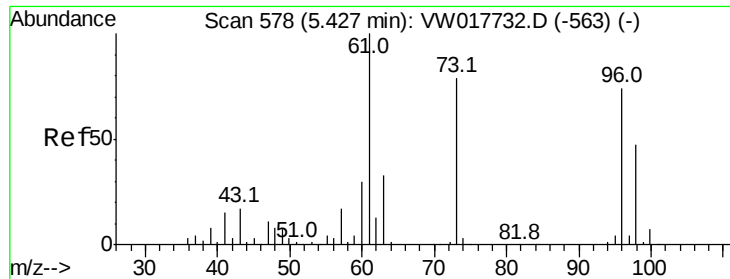
Tot Ion: 76 Resp: 9255
Ion Ratio Lower Upper
76 100
78 10.3 7.1 10.7



#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

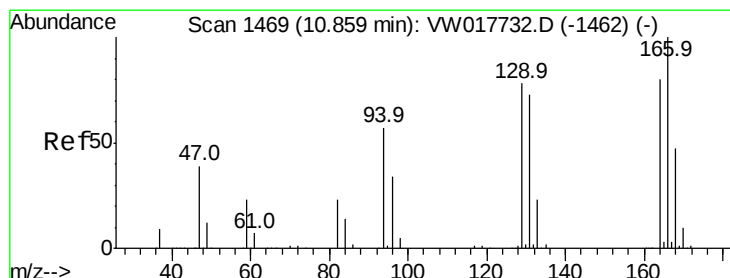
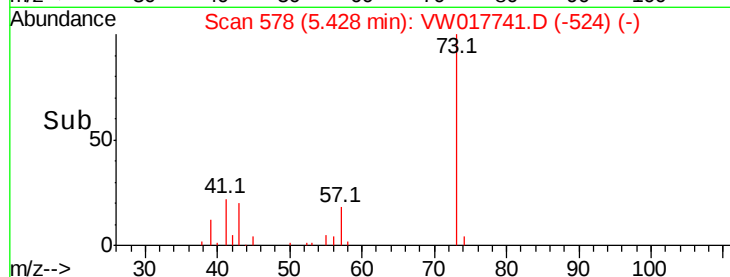
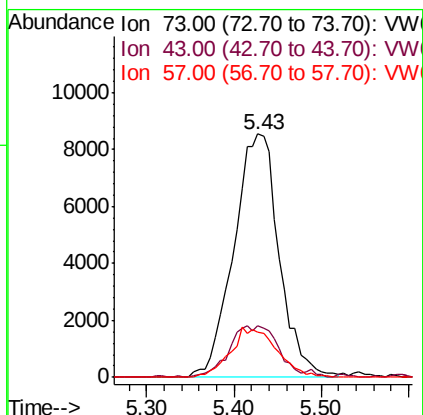
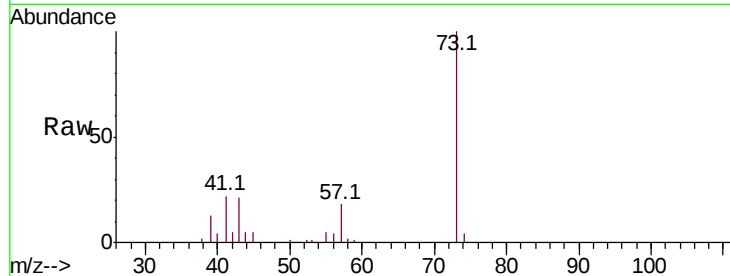




#17
Methvl tert-butvl Ether
Concen: 5.780 ug/L
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW017741.D
Acq: 24 Dec 2020 17:11

Instrument :
MSVOA_W
ClientSampleId :
BG4R7

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#



#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

