

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017548.D
 Acq On : 04 Dec 2020 12:10
 Operator : SY/VA
 Sample : L4920-15
 Misc : 5.23G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4G1

Manual Integrations
 APPROVED

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 12/21/2020 1:36:09 PM

Quant Time: Dec 20 03:10:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 01:44:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	391024	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	334185	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	135107	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	88884	17.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.12%
7) Chloroethane-d5	2.89	69	78919	18.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.72%
10) 1,1-Dichloroethene-d2	4.03	63	155813	13.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.44%
20) 2-Butanone-d5	7.08	46	49822	45.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.86%
24) Chloroform-d	7.65	84	228287	20.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	8.31	65	118440	21.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.92%
29) Benzene-d6	8.27	84	432358	21.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.16%
33) 1,2-Dichloropropane-d6	9.27	67	126980	22.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.32%
37) Toluene-d8	10.32	98	380134	20.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.24%
38) trans-1,3-Dichloropropene-	10.58	79	49933	19.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.60%
39) 2-Hexanone-d5	10.93	63	29518	41.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	92474	22.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	106224	21.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.96%

Target Compounds

					Ovalue
5) Vinyl chloride	2.37	62	7373	1.554 ug/L #	79
13) Acetone	4.14	43	8553	8.194 ug/L	70
14) Carbon disulfide	4.39	76	7647	0.493 ug/L	99
16) Methylene chloride	4.92	84	24543m	4.180 ug/L	
17) Methyl tert-butyl Ether	5.43	73	21234	3.641 ug/L #	88
47) Tetrachloroethene	10.87	164	23696	4.995 ug/L	93

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

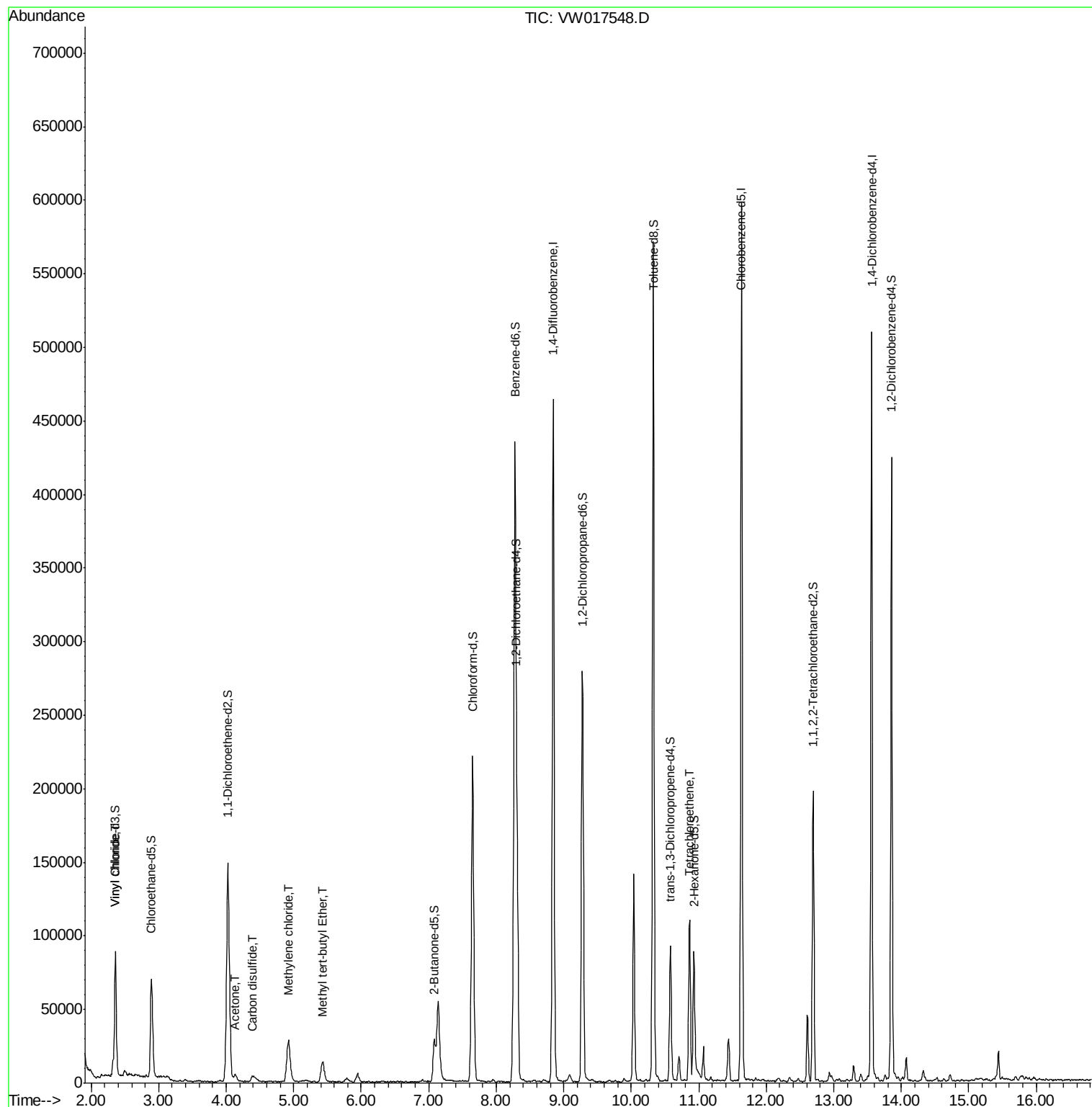
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120420\
Data File : VW017548.D
Acq On : 04 Dec 2020 12:10
Operator : SY/VA
Sample : L4920-15
Misc : 5.23G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

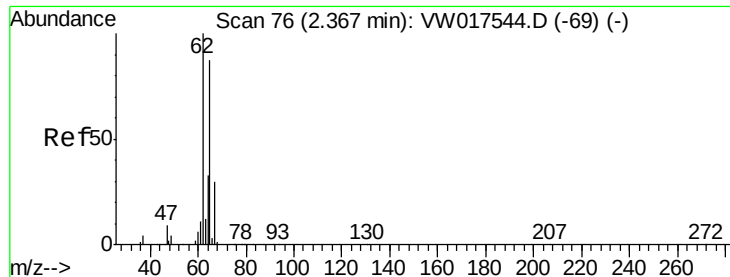
Instrument :
MSVOA_W
ClientSampleId :
BG4G1

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Quant Time: Dec 20 03:10:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Sun Dec 20 01:44:20 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.554 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW017548.D

Acq: 04 Dec 2020 12:10

Instrument :

MSVOA_W

ClientSampleId :

BG4G1

Tot Ion: 62 Resp: 7373

Ion Ratio Lower Upper

62 100

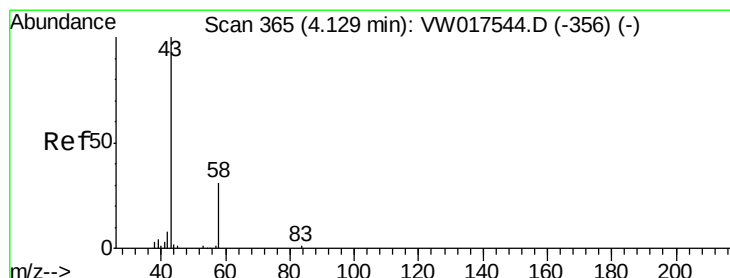
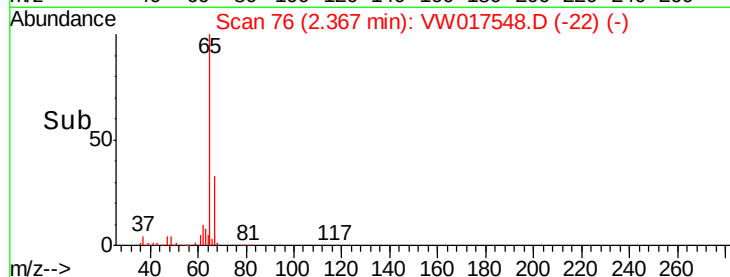
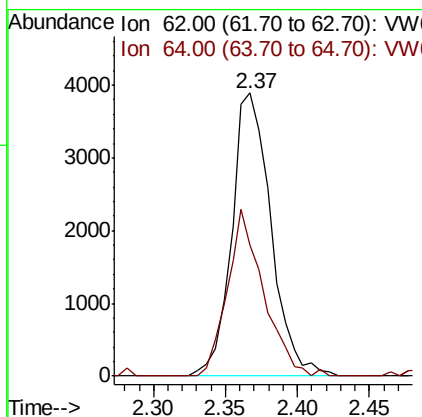
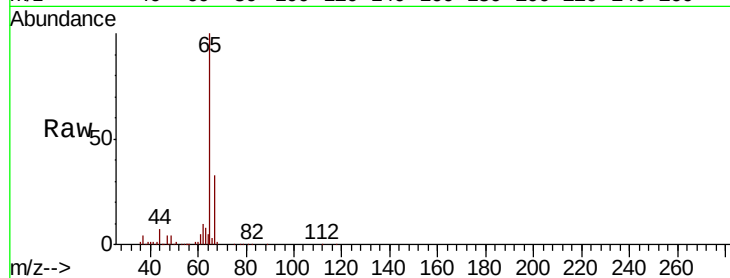
64 46.1 23.9 44.5#

Manual Integrations

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#13

Acetone

Concen: 8.194 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017548.D

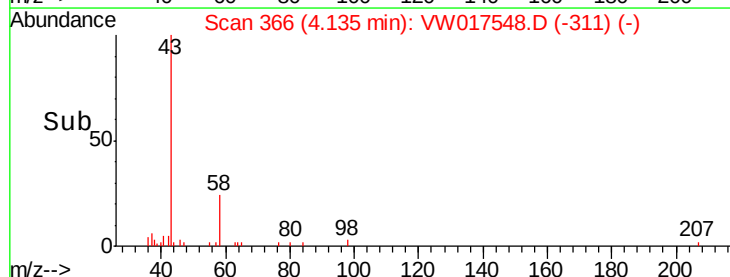
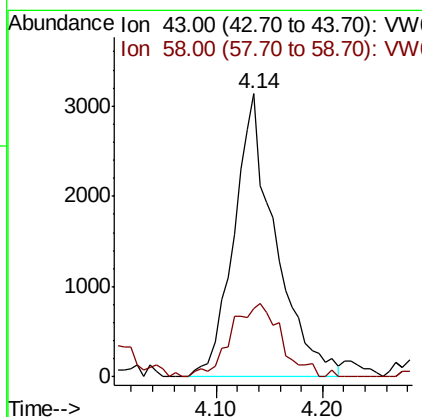
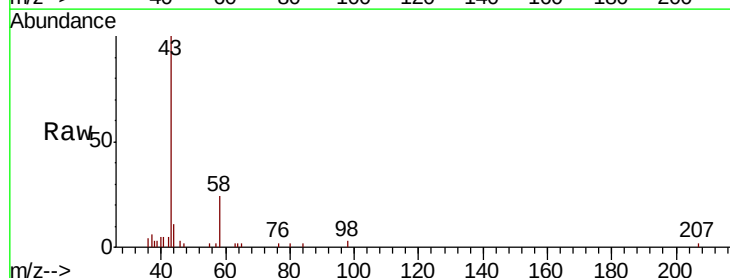
Acq: 04 Dec 2020 12:10

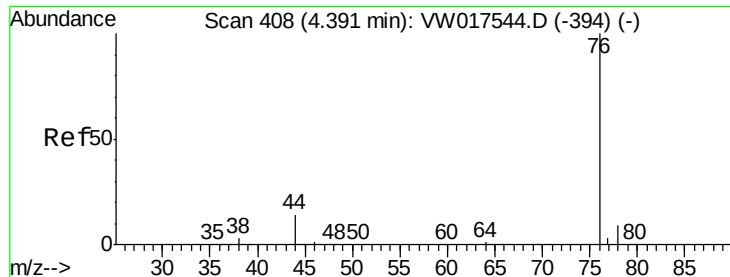
Tgt Ion: 43 Resp: 8553

Ion Ratio Lower Upper

43 100

58 17.2 0.0 68.4





#14

Carbon disulfide

Concen: 0.493 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.00 min

Lab File: VW017548.D

Acq: 04 Dec 2020 12:10

Instrument :

MSVOA_W

ClientSampled :

BG4G1

Tot Ion: 76 Resp: 7647

Ion Ratio Lower Upper

76 100

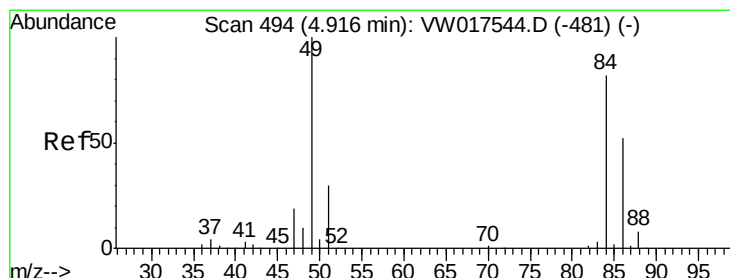
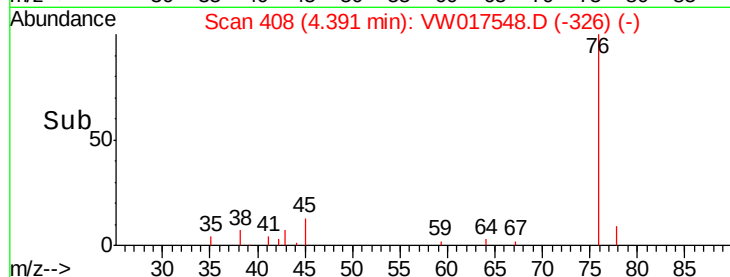
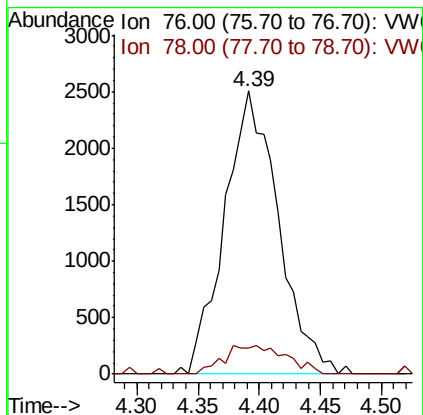
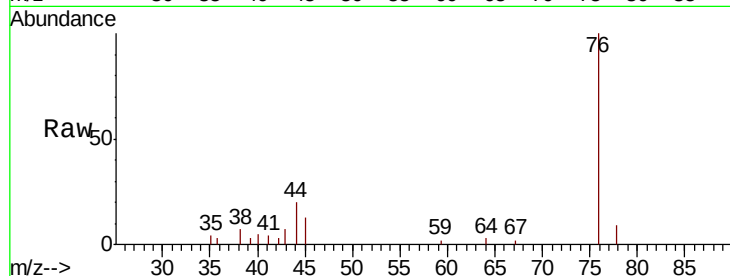
78 9.1 7.0 10.4

Manual Integrations

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#16

Methylene chloride

Concen: 4.180 ug/L m

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017548.D

Acq: 04 Dec 2020 12:10

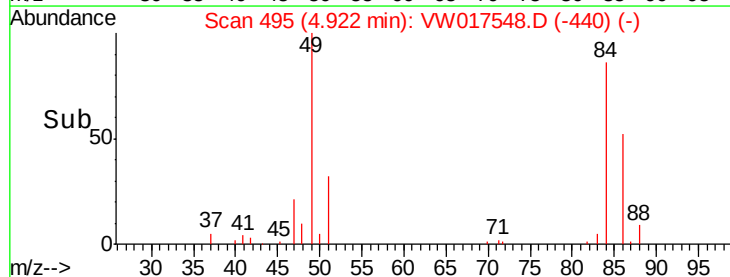
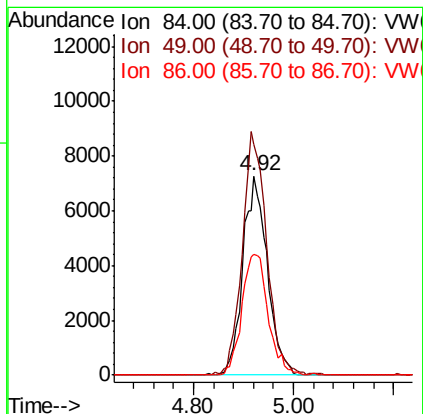
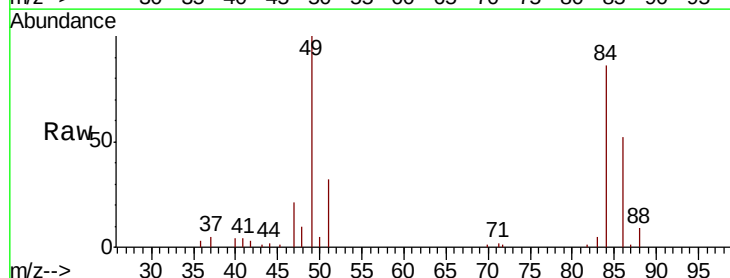
Tgt Ion: 84 Resp: 24543

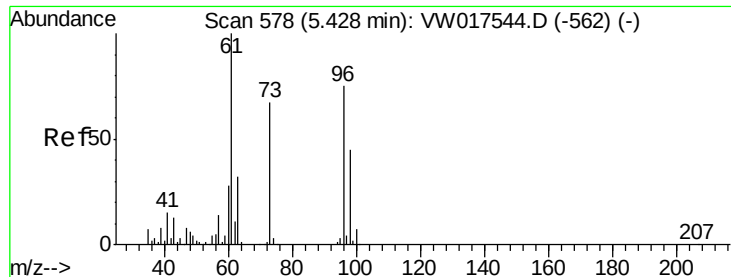
Ion Ratio Lower Upper

84 100

49 115.9 81.2 150.8

86 60.6 44.5 82.7





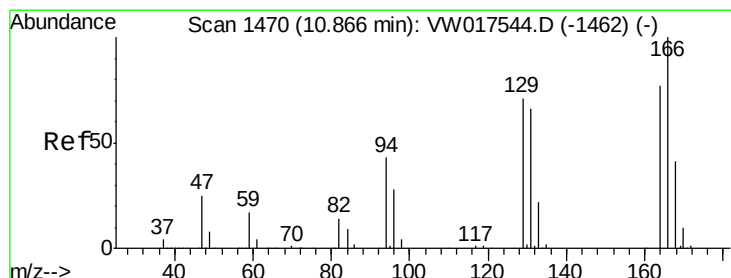
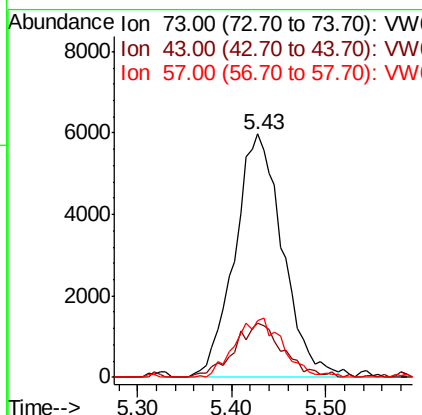
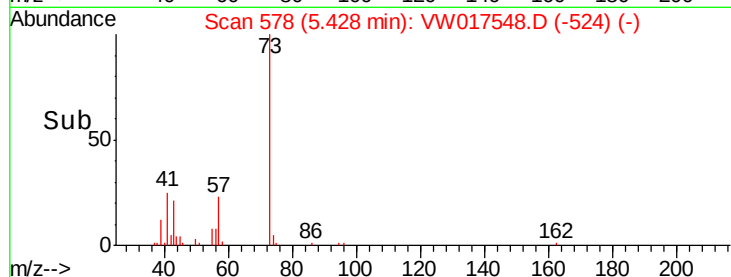
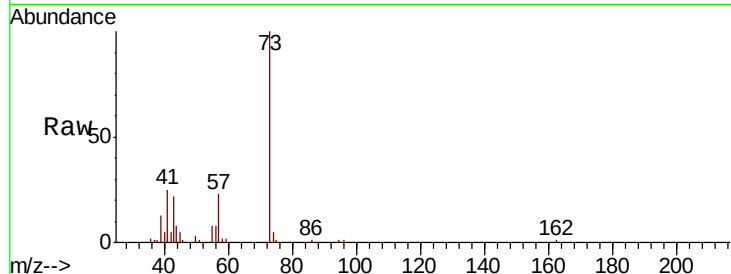
#17
Methyl tert-butyl Ether
Concen: 3.641 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW017548.D
Acq: 04 Dec 2020 12:10

Instrument :
MSVOA_W
ClientSampleId :
BG4G1

Tot Ion	Ratio	Lower	Upper
73	100		
43	14.1	16.2	24.4#
57	16.6	17.2	25.8#

Manual Integrations
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#47
Tetrachloroethene
Concen: 4.995 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW017548.D
Acq: 04 Dec 2020 12:10

Tgt Ion	Ratio	Lower	Upper
164	100		
129	94.1	67.6	125.6
131	83.8	65.2	121.2
166	123.1	93.2	173.2

