

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120320\
 Data File : VW017538.D
 Acq On : 03 Dec 2020 17:09
 Operator : SY/VA
 Sample : L4920-15
 Misc : 5.76G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4G1

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 1:35:27 PM

Quant Time: Dec 20 01:34:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	423438	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	375250	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156722	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	90111	16.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.72%
7) Chloroethane-d5	2.89	69	81556	17.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.40%
10) 1,1-Dichloroethene-d2	4.03	63	154931	12.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.96%
20) 2-Butanone-d5	7.08	46	63608	54.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.30%
24) Chloroform-d	7.65	84	239156	19.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.52%
26) 1,2-Dichloroethane-d4	8.31	65	130795m	22.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.64%
29) Benzene-d6	8.27	84	449424	19.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.92%
33) 1,2-Dichloropropane-d6	9.27	67	136799	21.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.68%
37) Toluene-d8	10.32	98	398571	18.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.88%
38) trans-1,3-Dichloropropene-	10.58	79	56275	19.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.88%
39) 2-Hexanone-d5	10.93	63	40844	51.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108687	23.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	123161	21.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.92%

Target Compounds

					Ovalue
5) Vinyl chloride	2.37	62	7611	1.482 ug/L #	67
13) Acetone	4.14	43	5711	5.053 ug/L	85
14) Carbon disulfide	4.40	76	4615m	0.275 ug/L	
16) Methylene chloride	4.93	84	26972	4.243 ug/L	97
17) Methyl tert-butyl Ether	5.43	73	19796	3.135 ug/L #	89
35) Trichloroethene	9.10	95	1594	0.255 ug/L #	69
47) Tetrachloroethene	10.87	164	66630	12.507 ug/L	98

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

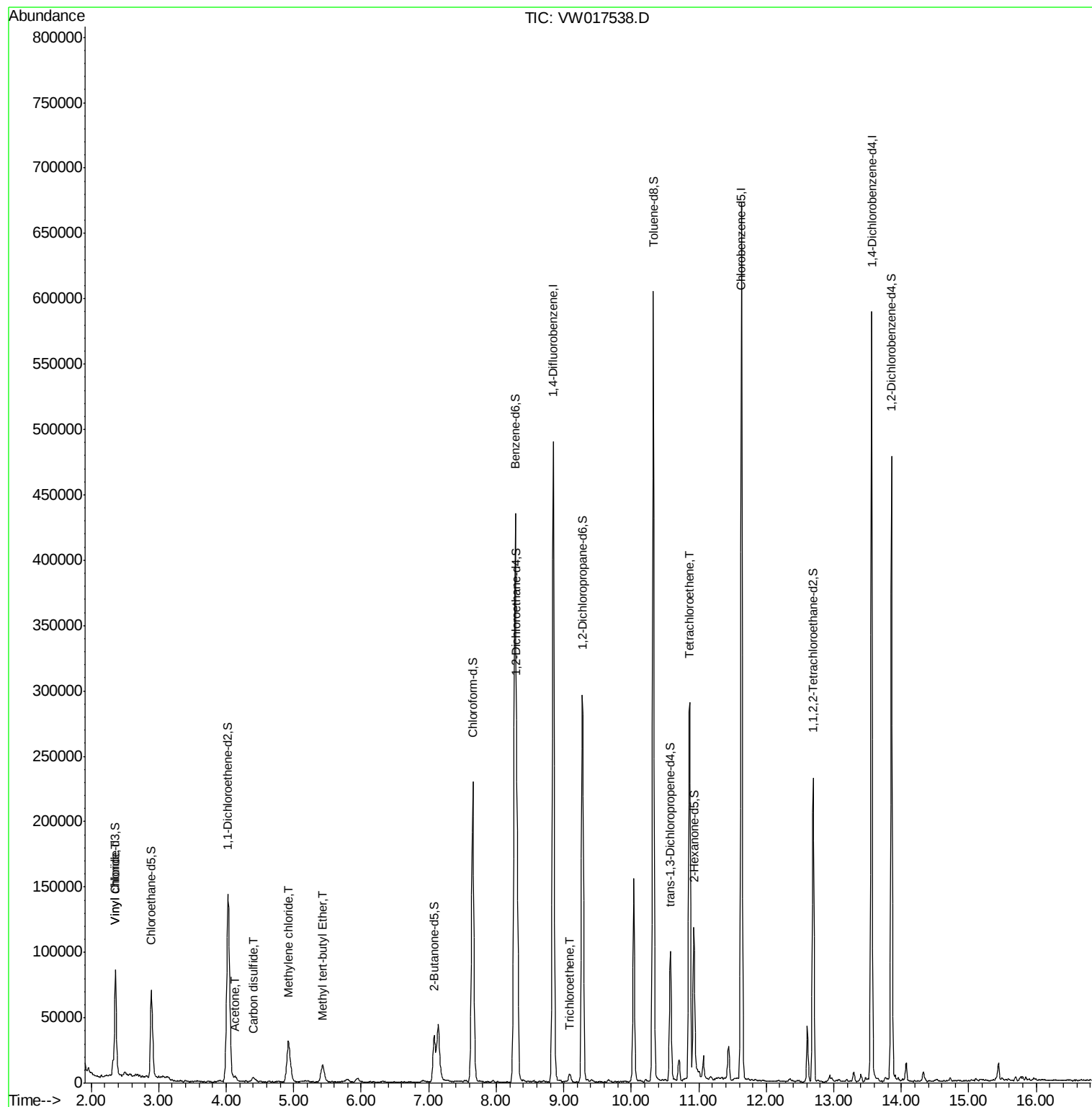
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120320\
Data File : VW017538.D
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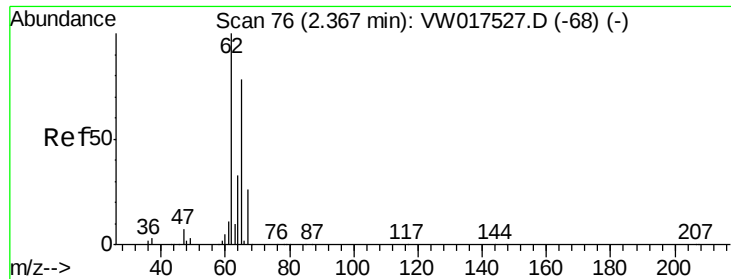
Instrument :
MSVOA_W
ClientSampleId :
BG4G1

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Quant Time: Dec 20 01:34:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Sun Dec 20 00:31:51 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.482 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW017538.D

Acq: 03 Dec 2020 17:09

Instrument :

MSVOA_W

ClientSampled :

BG4G1

Tot Ion: 62 Resp: 7611

Ion Ratio Lower Upper

62 100

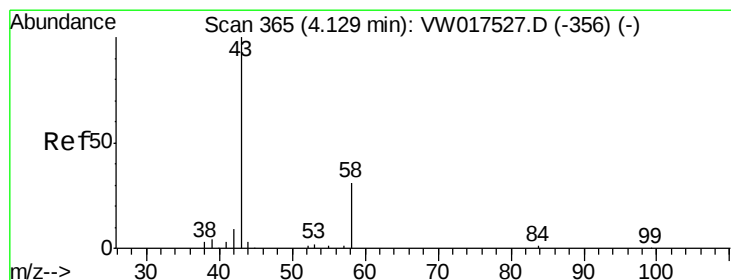
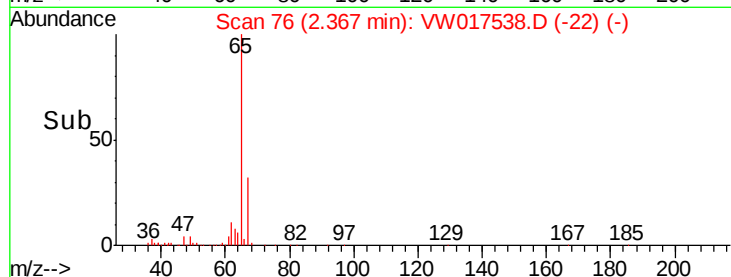
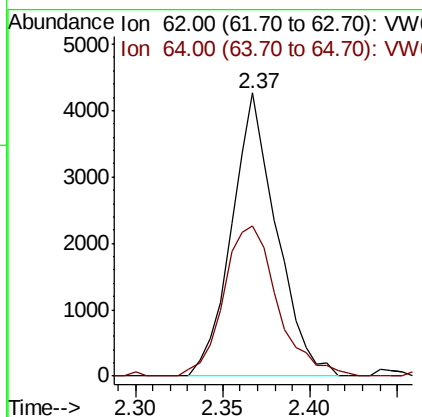
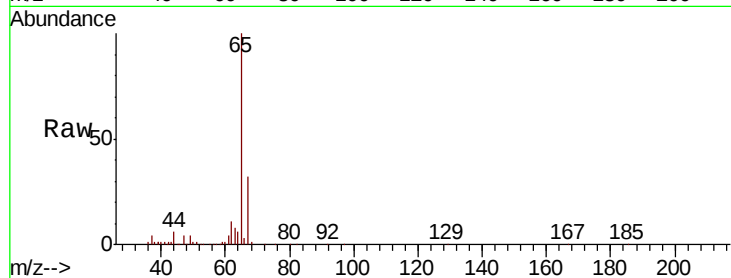
64 53.0 23.9 44.5#

Manual Integrations

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#13

Acetone

Concen: 5.053 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017538.D

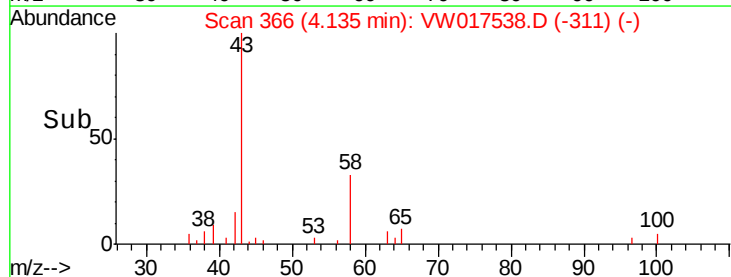
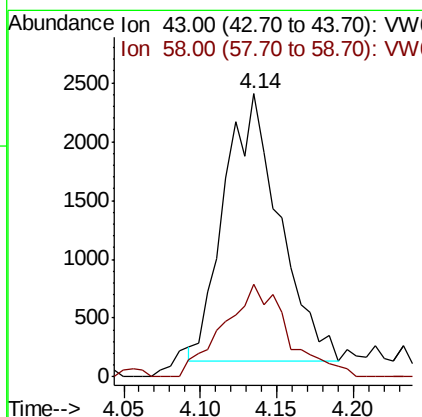
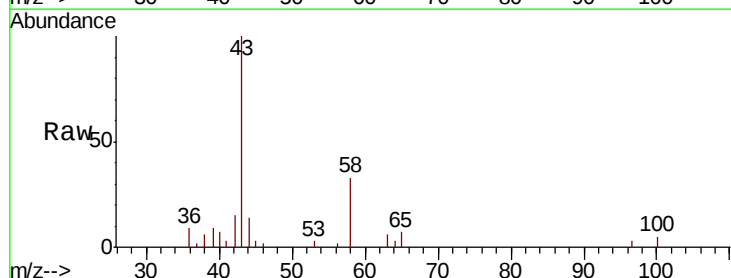
Acq: 03 Dec 2020 17:09

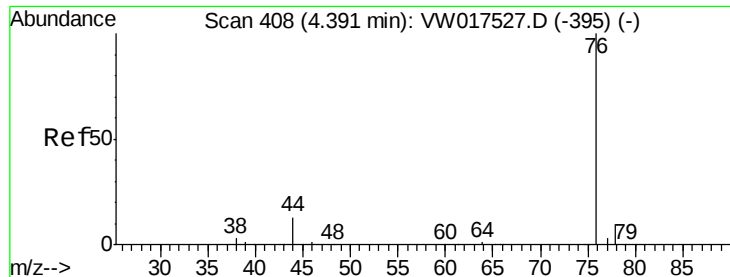
Tgt Ion: 43 Resp: 5711

Ion Ratio Lower Upper

43 100

58 25.5 0.0 68.4





#14

Carbon disulfide

Concen: 0.275 ug/L m

RT: 4.40 min Scan# 410

Delta R.T. 0.01 min

Lab File: VW017538.D

Acq: 03 Dec 2020 17:09

Instrument :

MSVOA_W

ClientSampled :

BG4G1

Tot Ion: 76 Resp: 4615

Ion Ratio Lower Upper

76 100

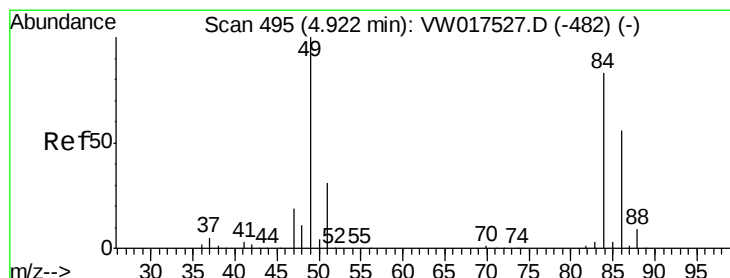
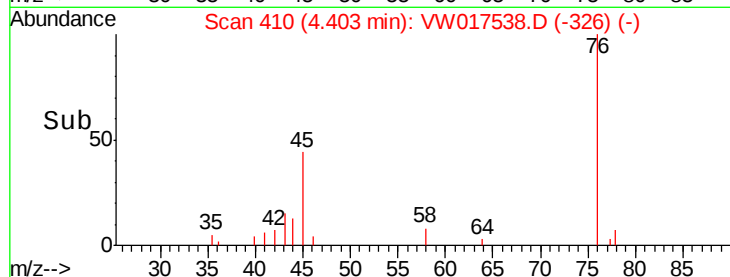
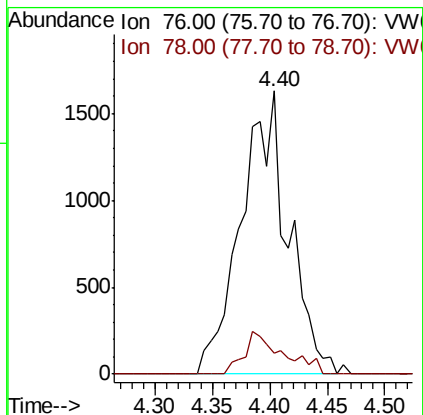
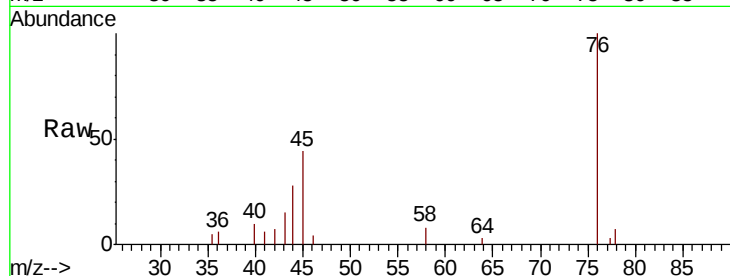
78 7.3 7.0 10.4

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#16

Methylene chloride

Concen: 4.243 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017538.D

Acq: 03 Dec 2020 17:09

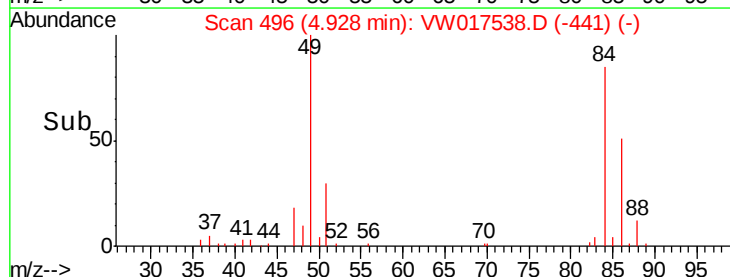
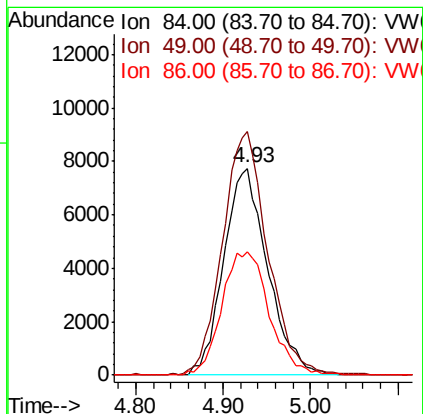
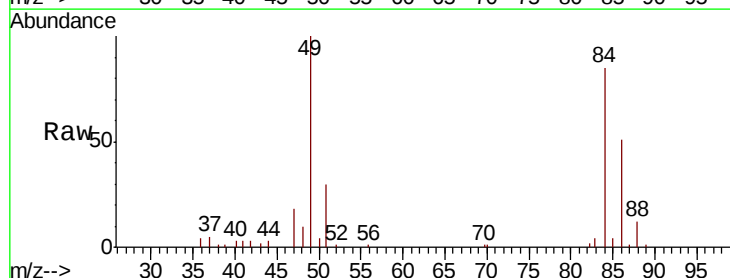
Tgt Ion: 84 Resp: 26972

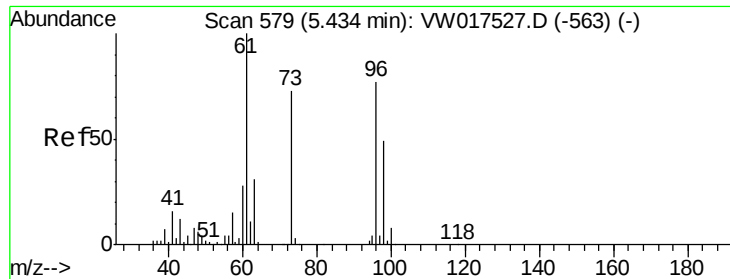
Ion Ratio Lower Upper

84 100

49 117.7 81.2 150.8

86 59.5 44.5 82.7





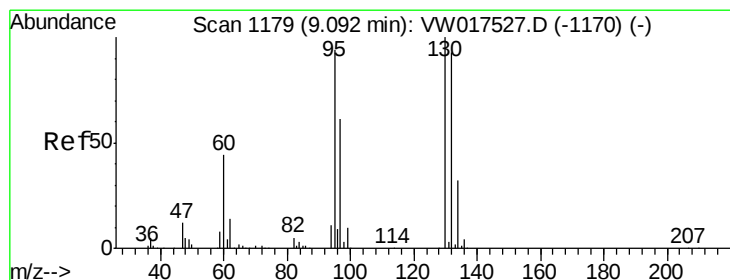
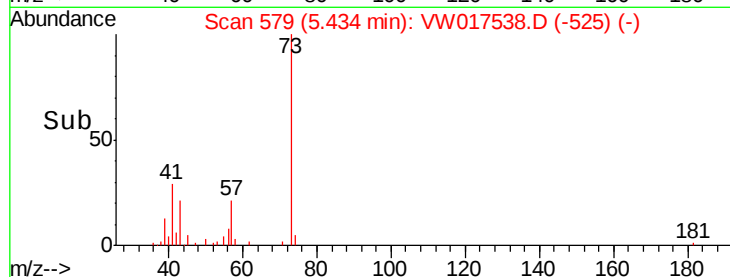
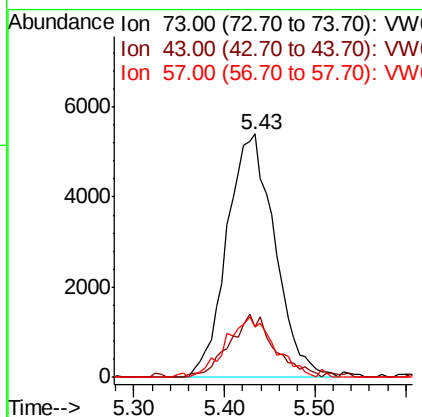
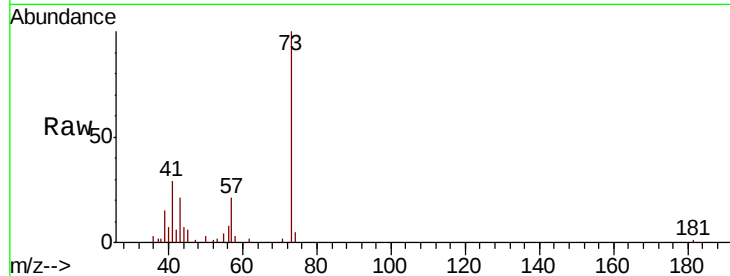
#17
Methvl tert-butvl Ether
Concen: 3.135 ug/L
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW017538.D
Acq: 03 Dec 2020 17:09

Instrument :
MSVOA_W
ClientSampleId :
BG4G1

Tot Ion	Ratio	Lower	Upper
73	100		
43	23.2	16.2	24.4
57	13.8	17.2	25.8

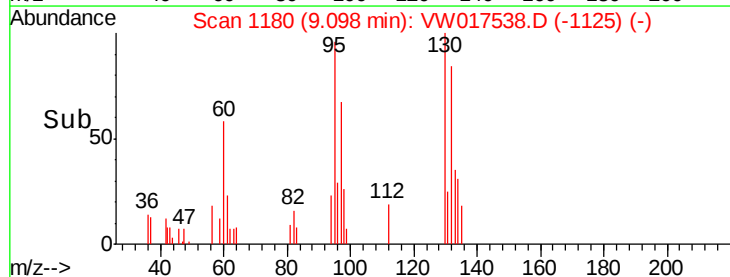
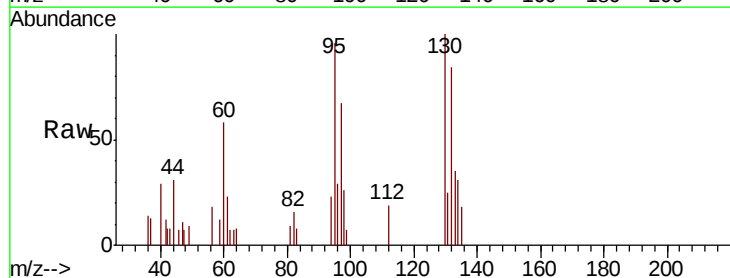
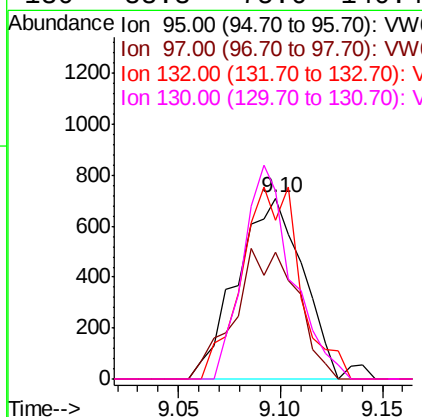
Manual Integrations
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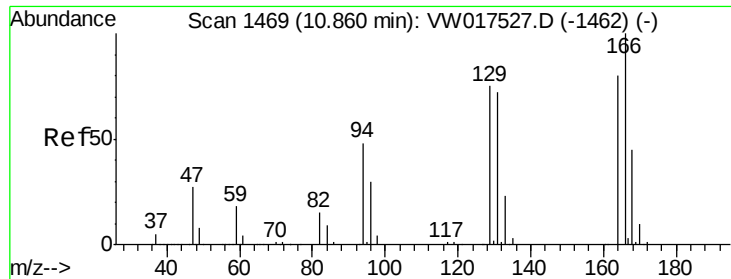
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#35
Trichloroethene
Concen: 0.255 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW017538.D
Acq: 03 Dec 2020 17:09

Tgt Ion	Ratio	Lower	Upper
95	100		
97	36.2	45.0	83.6
132	60.5	71.0	131.8
130	88.3	75.6	140.4





#47
Tetrachloroethene
Concen: 12.507 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW017538.D
Acq: 03 Dec 2020 17:09

Instrument :
MSVOA_W
ClientSampleId :
BG4G1

Tot Ion	Ratio	Lower	Upper
164	100		
129	96.1	67.6	125.6
131	96.7	65.2	121.2
166	130.9	93.2	173.2

Manual Integrations
APPROVED

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12/21/2020 1:35:27 PM

