

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017565.D
 Acq On : 04 Dec 2020 18:48
 Operator : SY/VA
 Sample : L4955-08
 Misc : 6.24G/10ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4K3

Manual Integrations
 APPROVED

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 12/21/2020 1:36:42 PM

Quant Time: Dec 20 03:43:22 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	8.85	114	434327	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	355673	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	127957	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	88712	15.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.12%
7) Chloroethane-d5	2.89	69	81695	16.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.80%
10) 1,1-Dichloroethene-d2	4.03	63	164381	12.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.68%
20) 2-Butanone-d5	7.09	46	59912	49.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.44%
24) Chloroform-d	7.65	84	243046	19.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.80%
26) 1,2-Dichloroethane-d4	8.31	65	130442	21.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.20%
29) Benzene-d6	8.27	84	452251	20.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.72%
33) 1,2-Dichloropropane-d6	9.27	67	135604	22.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.64%
37) Toluene-d8	10.32	98	389959	19.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.32%
38) trans-1,3-Dichloropropene-	10.58	79	54411	20.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.48%
39) 2-Hexanone-d5	10.93	63	35768	47.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98416	22.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	97934	20.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.68%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	12631	2.097	ug/L #	1
13) Acetone	4.13	43	8734	7.533	ug/L	78
14) Carbon disulfide	4.39	76	4740	0.275	ug/L #	80
16) Methylene chloride	4.92	84	40481	6.208	ug/L	93
22) cis-1,2-Dichloroethene	7.17	96	15158	2.347	ug/L	88
34) Benzene	8.32	78	23119	1.081	ug/L	100
35) Trichloroethene	9.09	95	3552797	599.489	ug/L	97
47) Tetrachloroethene	10.87	164	22164423m	4389.465	ug/L	
54) m,p-Xylene	11.83	106	2565	0.258	ug/L	84

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

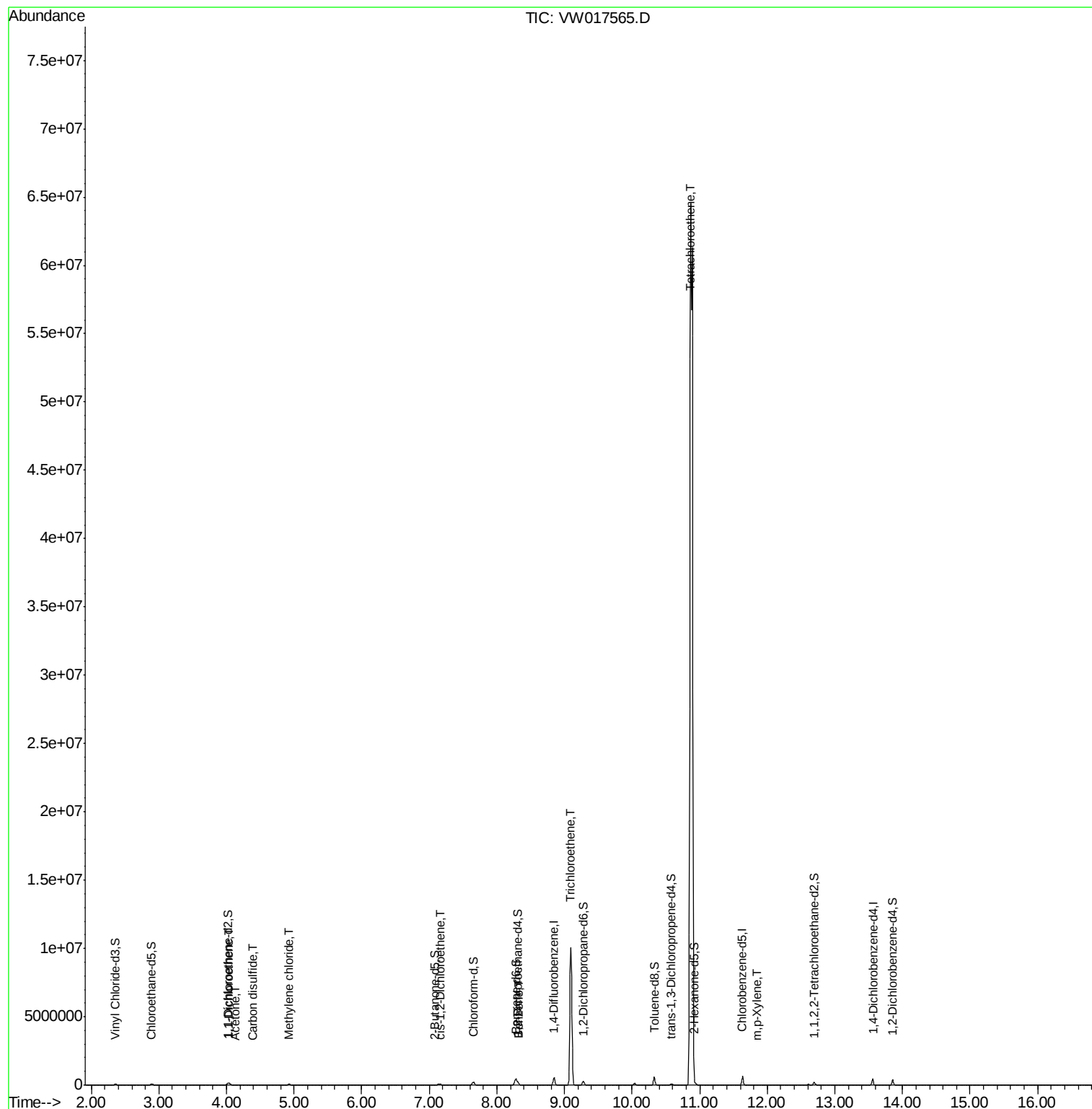
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
Data File : VW017565.D
Acq On : 04 Dec 2020 18:48
Operator : SY/VA
Sample : L4955-08
Misc : 6.24G/10ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

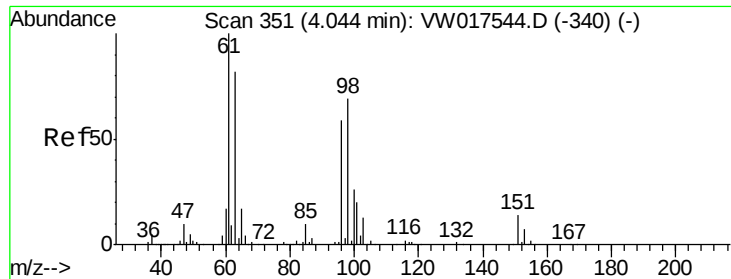
Instrument :
MSVOA_W
ClientSampleId :
BG4K3

Manual Integrations
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12/21/2020 1:36:42 PM

Quant Time: Dec 20 03:43:22 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





#12

1,1-Dichloroethene

Concen: 2.097 ug/L

RT: 4.04 min Scan# 351

Delta R.T. -0.00 min

Lab File: VW017565.D

Acq: 04 Dec 2020 18:48

Instrument :

MSVOA_W

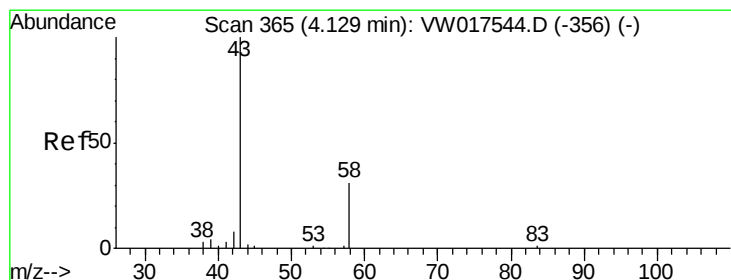
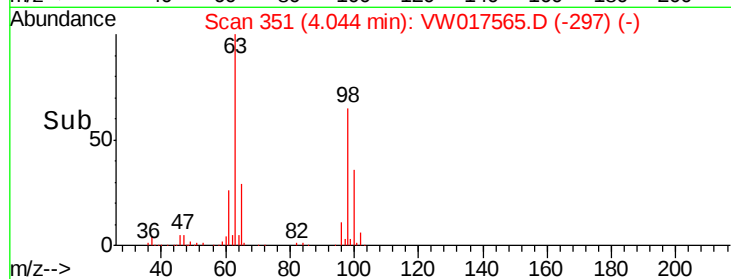
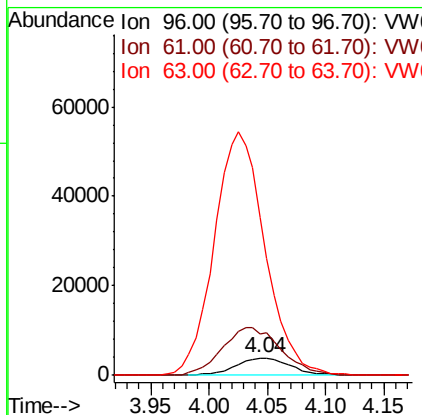
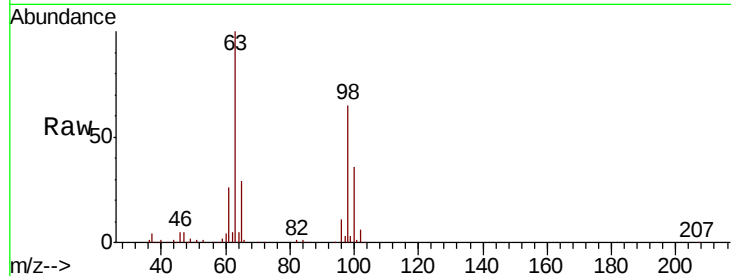
ClientSampleId :

BG4K3

Tot Ion	Ratio	Lower	Upper
96	100		
61	236.7	112.5	208.9#
63	912.4	83.1	154.3#

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#13

Acetone

Concen: 7.533 ug/L

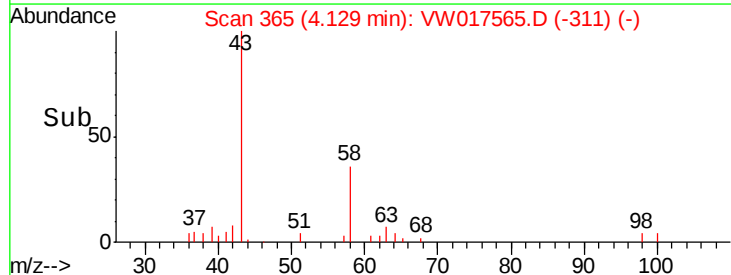
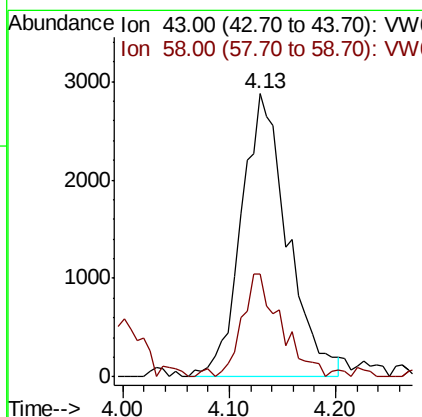
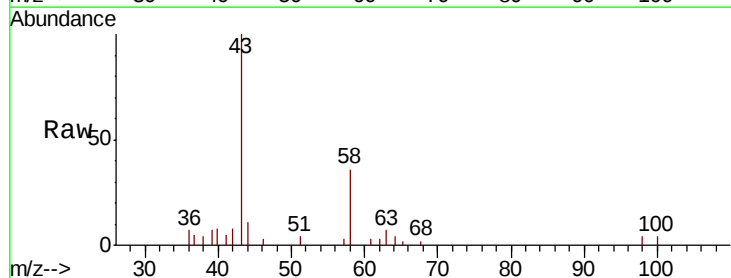
RT: 4.13 min Scan# 365

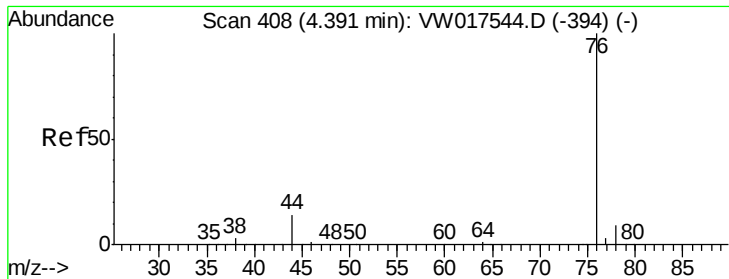
Delta R.T. -0.00 min

Lab File: VW017565.D

Acq: 04 Dec 2020 18:48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	21.7	0.0	68.4





#14

Carbon disulfide

Concen: 0.275 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.00 min

Lab File: VW017565.D

Acq: 04 Dec 2020 18:48

Instrument :

MSVOA_W

ClientSampled :

BG4K3

Tot Ion: 76 Resp: 4740

Ion Ratio Lower Upper

76 100

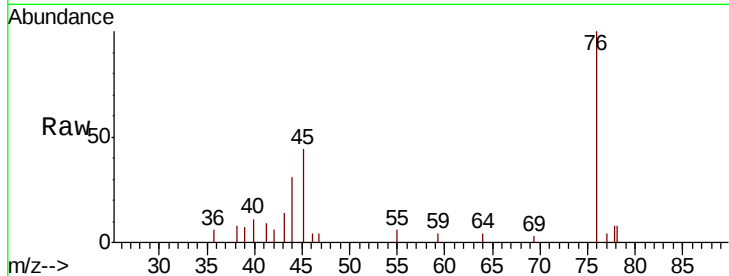
78 16.0 7.0 10.4#

Manual Integrations

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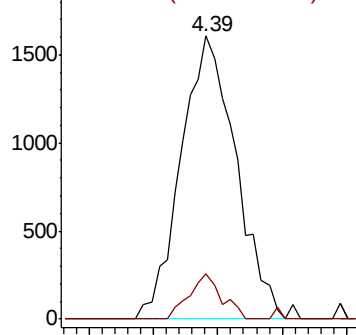
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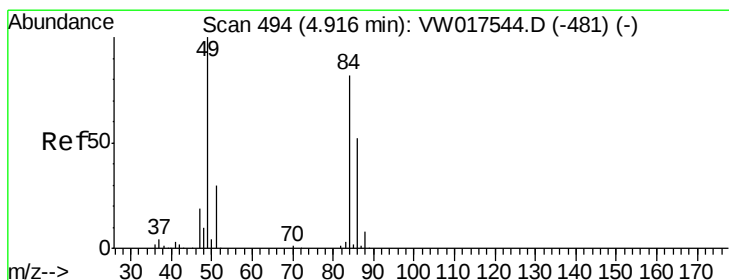
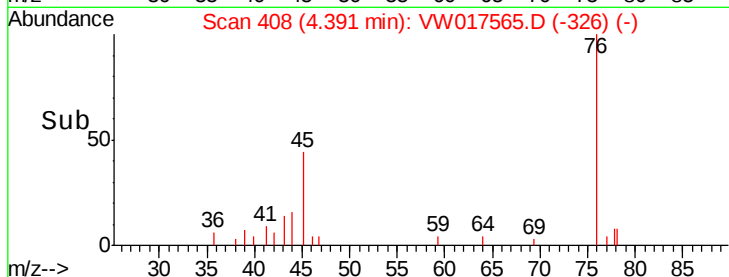


Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



Time-->



#16

Methylene chloride

Concen: 6.208 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017565.D

Acq: 04 Dec 2020 18:48

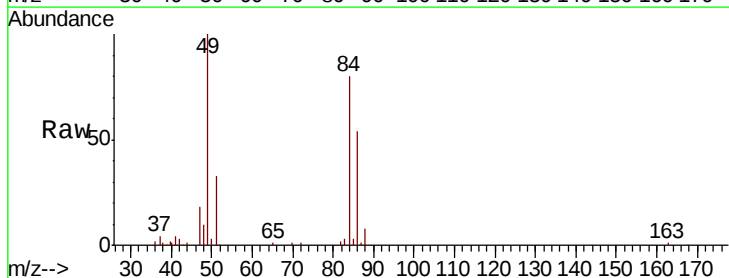
Tgt Ion: 84 Resp: 40481

Ion Ratio Lower Upper

84 100

49 125.1 81.2 150.8

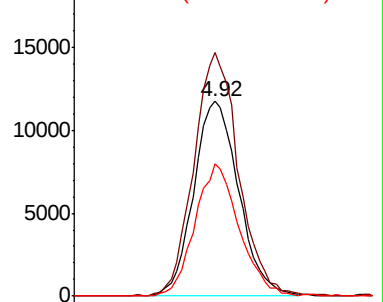
86 67.7 44.5 82.7



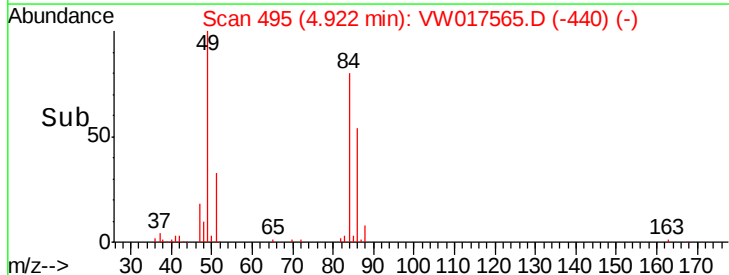
Abundance Ion 84.00 (83.70 to 84.70): VW

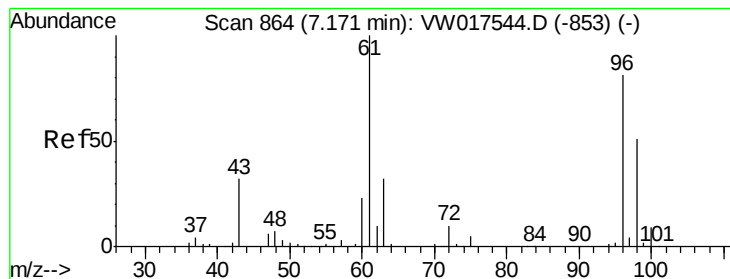
Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->





#22

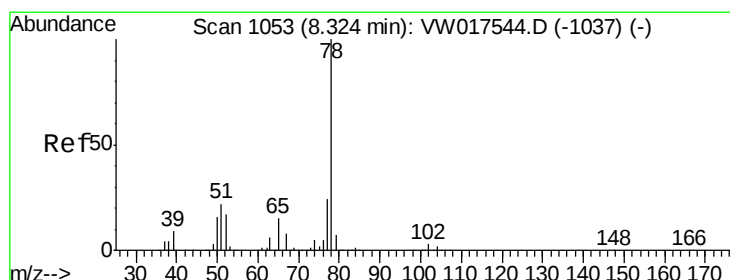
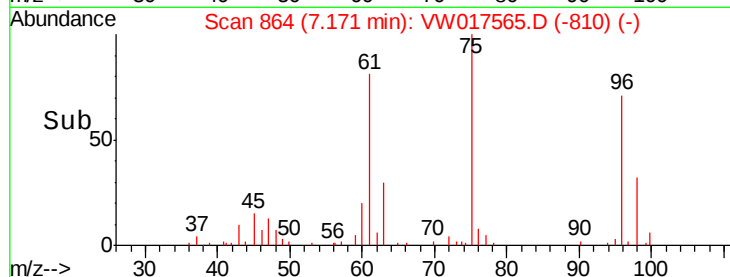
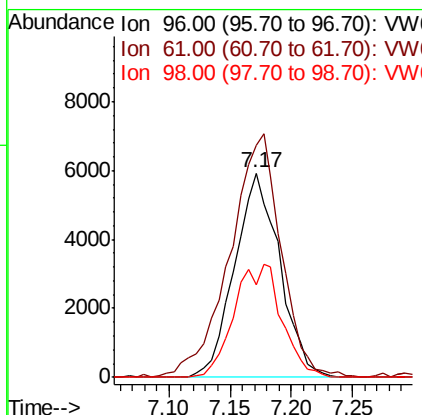
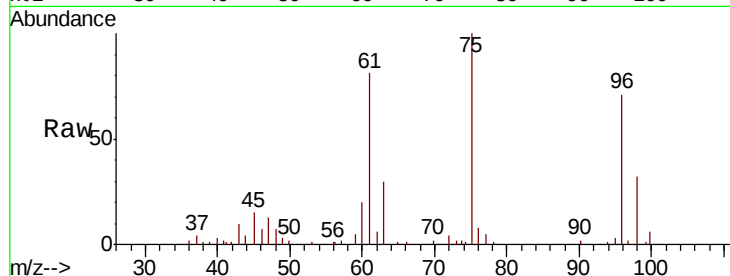
cis-1,2-Dichloroethene
Concen: 2.347 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW017565.D
Acq: 04 Dec 2020 18:48

Instrument :
MSVOA_W
ClientSampleId :
BG4K3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		15158		
61	114.0	84.6	157.2		
98	45.3	44.7	82.9		

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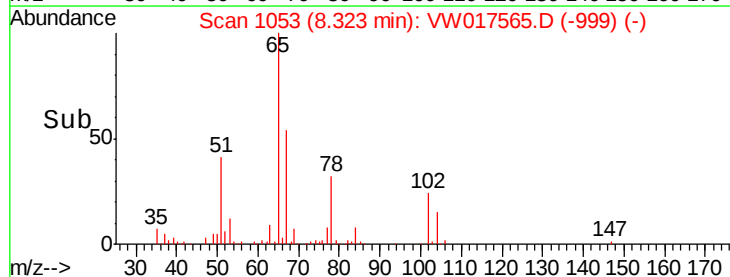
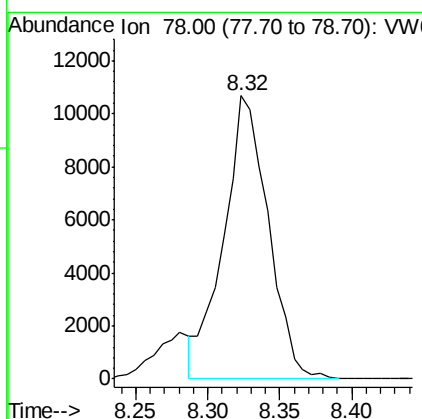
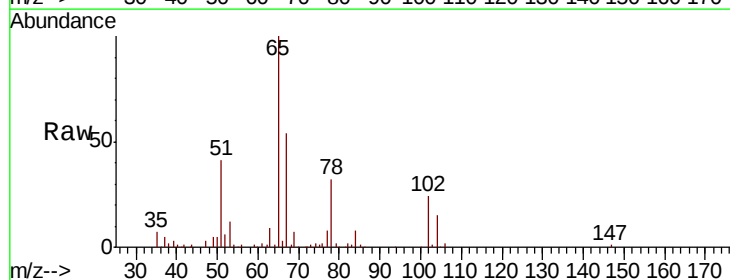
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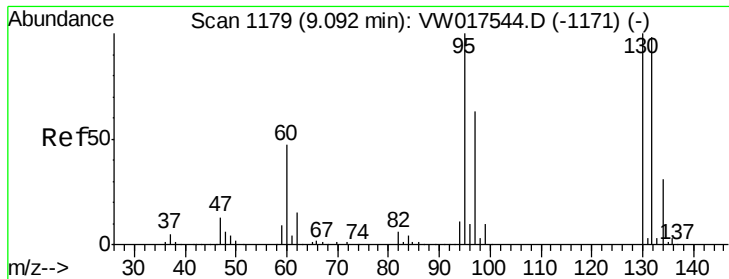


#34

Benzene
Concen: 1.081 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW017565.D
Acq: 04 Dec 2020 18:48

Tgt Ion: 78 Resp: 23119





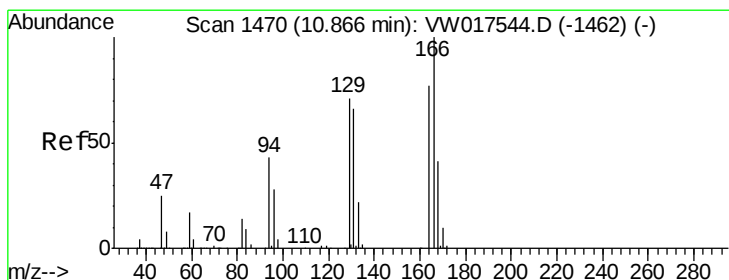
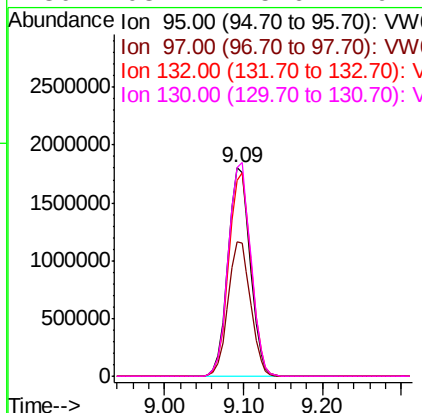
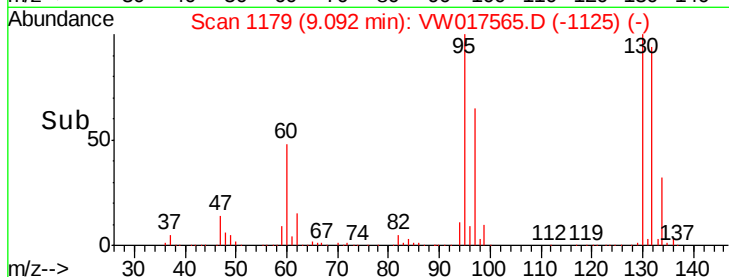
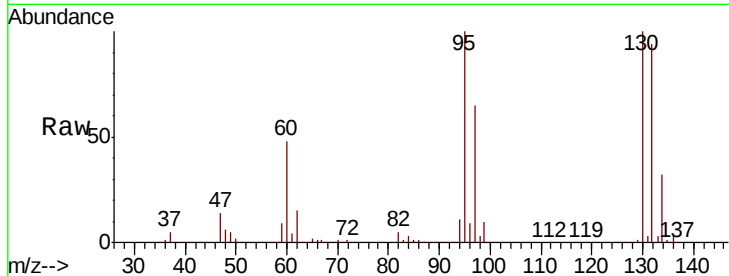
#35
 Trichloroethene
 Concen: 599.489 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW017565.D
 Acq: 04 Dec 2020 18:48

Instrument :
 MSVOA_W
 ClientSampled :
 BG4K3

Tot Ion: 95 Resp: 3552797
 Ion Ratio Lower Upper
 95 100
 97 65.0 45.0 83.6
 132 98.2 71.0 131.8
 130 103.1 75.6 140.4

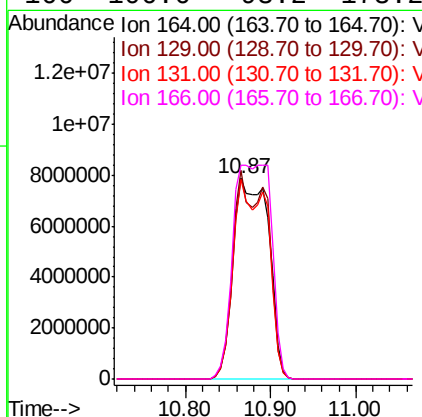
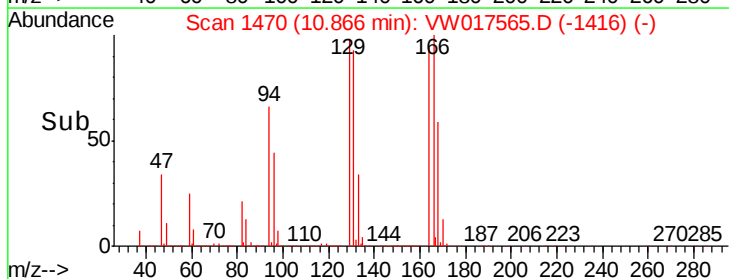
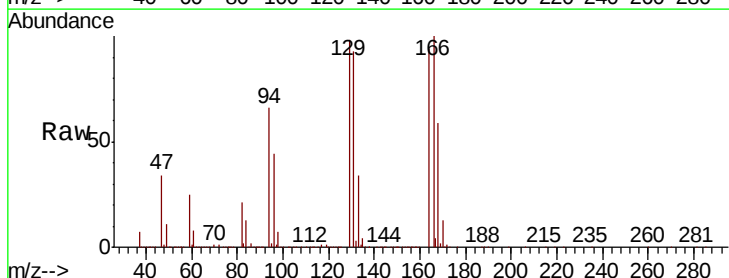
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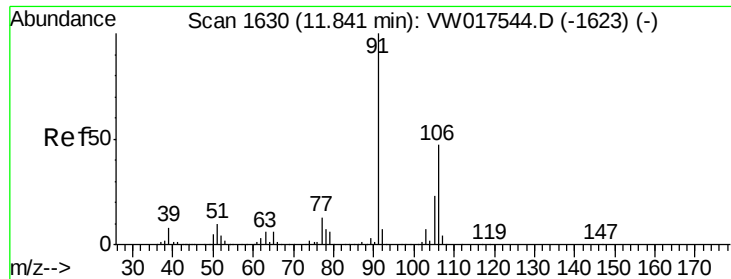
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#47
 Tetrachloroethene
 Concen: 4389.465 ug/L m
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VW017565.D
 Acq: 04 Dec 2020 18:48

Tgt Ion:164 Resp:22164423
 Ion Ratio Lower Upper
 164 100
 129 104.1 67.6 125.6
 131 99.6 65.2 121.2
 166 106.6 93.2 173.2





#54
 m.p-Xylene
 Concen: 0.258 ug/L
 RT: 11.83 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: VW017565.D
 Acq: 04 Dec 2020 18:48

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4K3

Tot Ion	Ratio	Resp	Lower	Upper
106	100	2565		
91	219.2		136.4	253.4

Manual Integrations
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