

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120320\
 Data File : VW017541.D
 Acq On : 03 Dec 2020 18:19
 Operator : SY/VA
 Sample : L4920-13
 Misc : 5.86G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4F9

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 1:35:41 PM

Quant Time: Dec 20 01:38:14 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	299966	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	240990	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	84478	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	74404	18.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.44%
7) Chloroethane-d5	2.89	69	65770	19.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.00%
10) 1,1-Dichloroethene-d2	4.02	63	134405	15.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.20%
20) 2-Butanone-d5	7.08	46	50220	60.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.70%
24) Chloroform-d	7.65	84	193998	22.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	8.31	65	105526	25.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.96%
29) Benzene-d6	8.27	84	368819	24.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.56%
33) 1,2-Dichloropropane-d6	9.27	67	109385	26.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.72%
37) Toluene-d8	10.33	98	317852	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.20%
38) trans-1,3-Dichloropropene-	10.58	79	42862	23.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.56%
39) 2-Hexanone-d5	10.93	63	32446	63.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80299	27.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	75868	24.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.04%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	4.04	96	8823	2.121 ug/L #	1
13) Acetone	4.13	43	6694	8.360 ug/L	88
14) Carbon disulfide	4.40	76	6213	0.522 ug/L #	94
16) Methylene chloride	4.92	84	19274	4.280 ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	9004	2.018 ug/L	95
34) Benzene	8.32	78	77153	5.327 ug/L	100
35) Trichloroethene	9.09	95	1152490	287.012 ug/L	97
44) Toluene	10.39	91	8896	0.571 ug/L	91
47) Tetrachloroethene	10.87	164	25011156m	7310.394 ug/L	
53) Ethylbenzene	11.73	91	64883	3.671 ug/L	97
54) m,p-Xylene	11.84	106	15543	2.305 ug/L	95
55) o-xylene	12.16	106	9315	1.483 ug/L	91

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

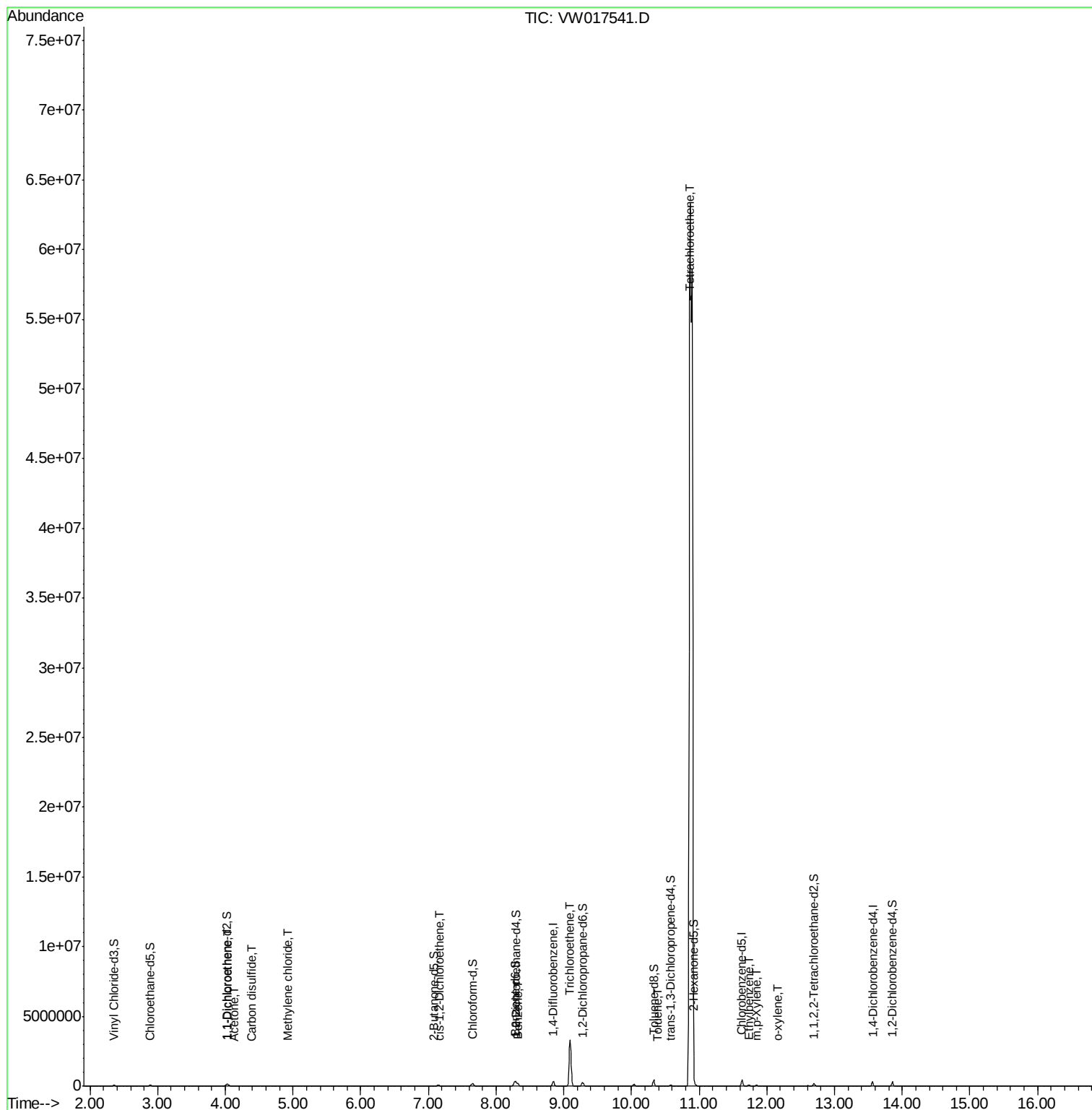
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120320\
Data File : VW017541.D
Acq On : 03 Dec 2020 18:19
Operator : SY/VA
Sample : L4920-13
Misc : 5.86G/10ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

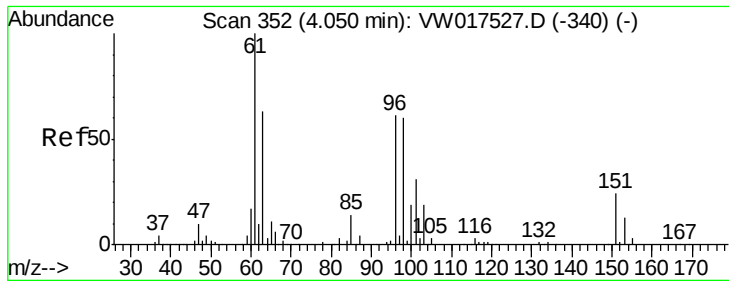
Instrument :
MSVOA_W
ClientSampleId :
BG4F9

Manual Integrations
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Quant Time: Dec 20 01:38:14 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





#12

1,1-Dichloroethene

Concen: 2.121 ug/L

RT: 4.04 min Scan# 351

Delta R.T. -0.01 min

Lab File: VW017541.D

Acq: 03 Dec 2020 18:19

Instrument :

MSVOA_W

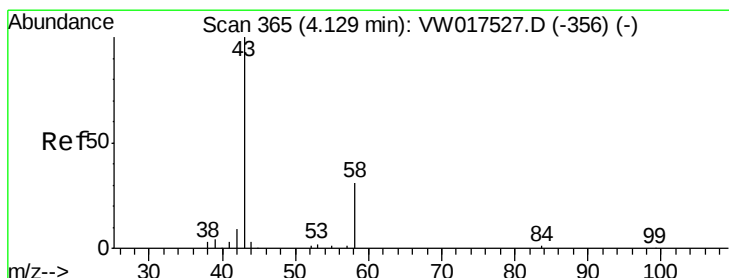
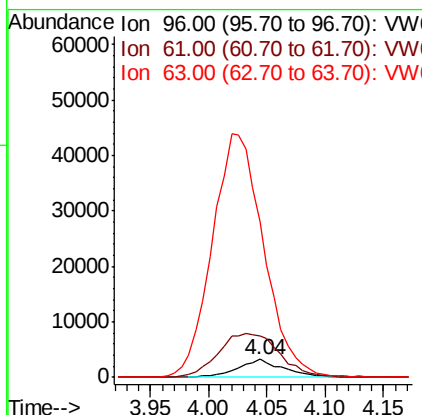
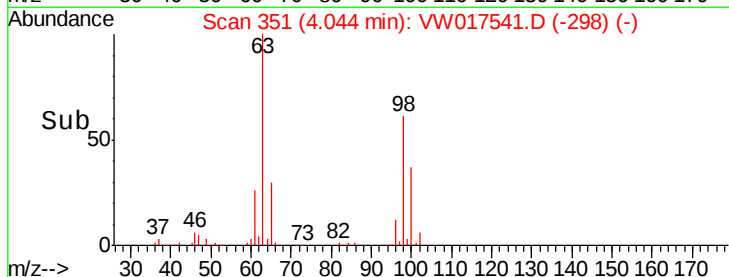
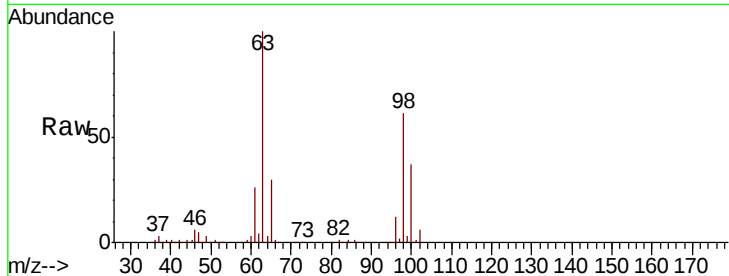
ClientSampled :

BG4F9

Tot Ion:	96	Resp:	8823
Ion Ratio	Lower	Upper	
96	100		
61	227.3	112.5	208.9#
63	865.3	83.1	154.3#

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#13

Acetone

Concen: 8.360 ug/L

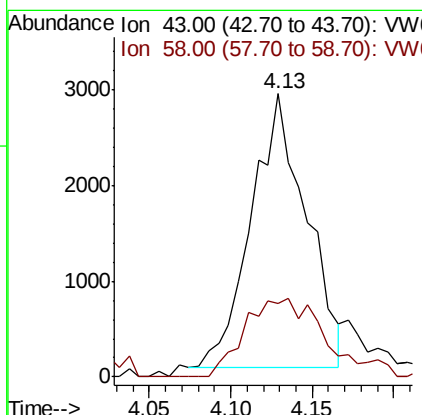
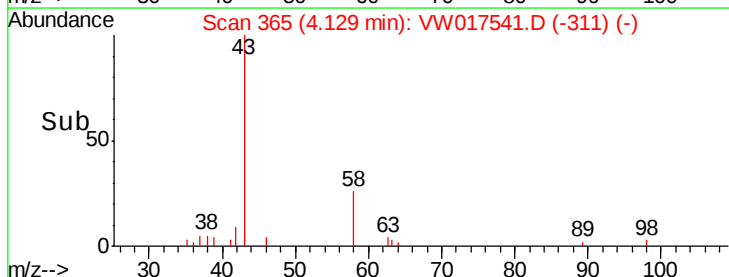
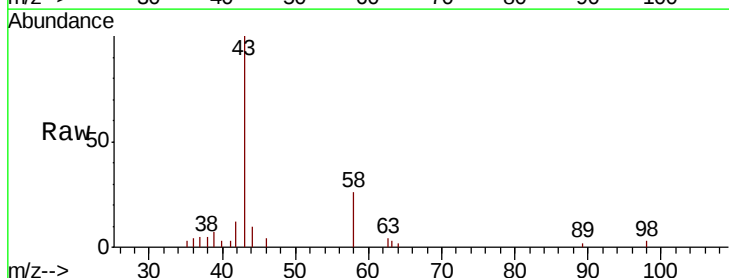
RT: 4.13 min Scan# 365

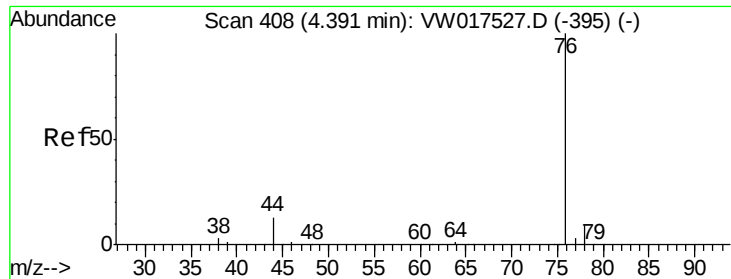
Delta R.T. 0.00 min

Lab File: VW017541.D

Acq: 03 Dec 2020 18:19

Tgt Ion:	43	Resp:	6694
Ion Ratio	Lower	Upper	
43	100		
58	27.3	0.0	68.4





#14

Carbon disulfide

Concen: 0.522 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

Lab File: VW017541.D

Acq: 03 Dec 2020 18:19

Instrument :

MSVOA_W

ClientSampled :

BG4F9

Tot Ion: 76 Resp: 6213

Ion Ratio Lower Upper

76 100

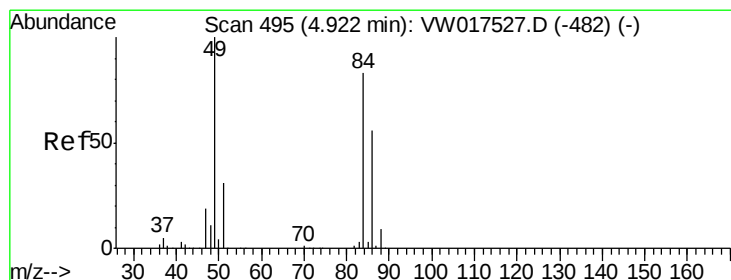
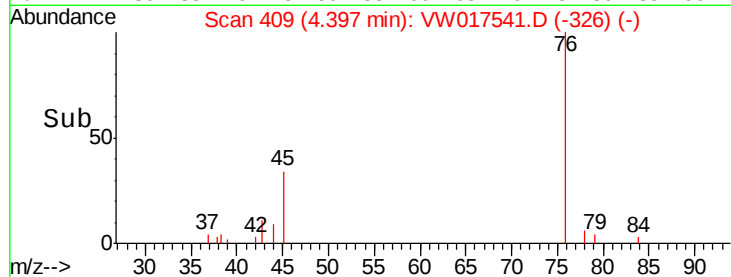
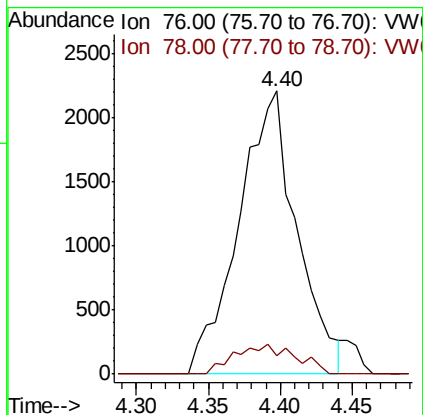
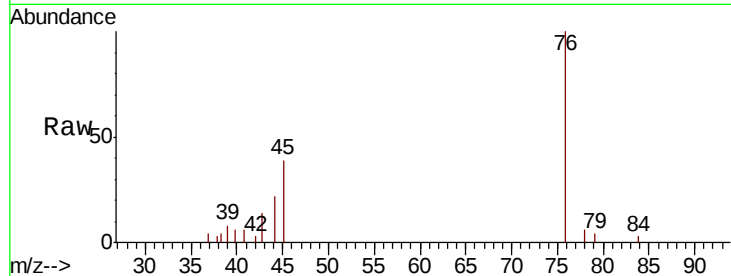
78 6.5 7.0 10.4#

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#16

Methylene chloride

Concen: 4.280 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017541.D

Acq: 03 Dec 2020 18:19

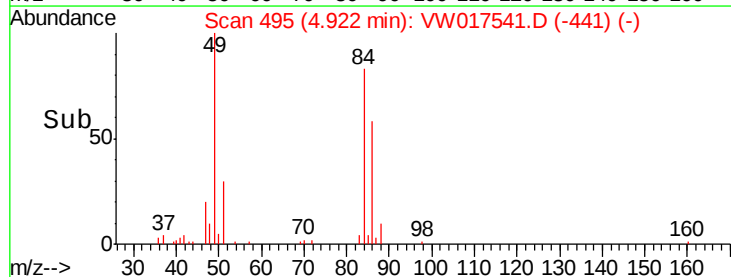
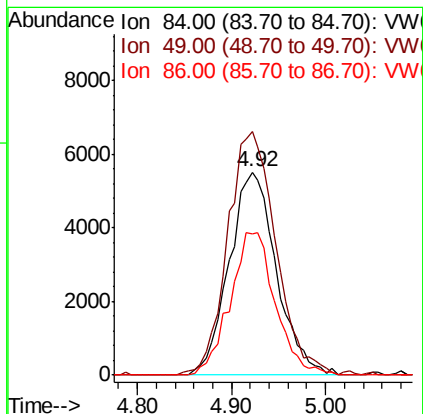
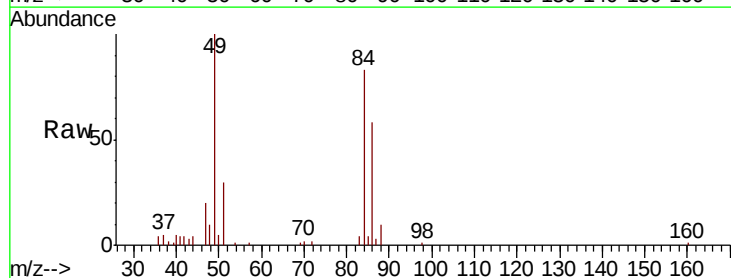
Tgt Ion: 84 Resp: 19274

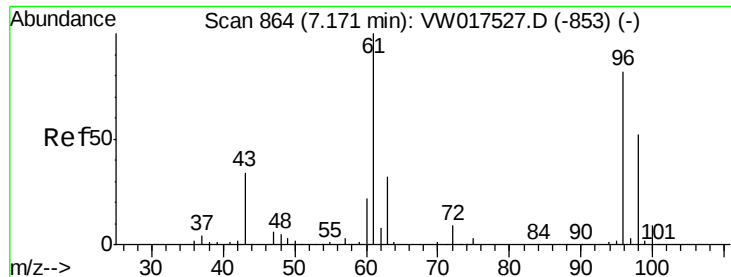
Ion Ratio Lower Upper

84 100

49 120.0 81.2 150.8

86 69.7 44.5 82.7





#22

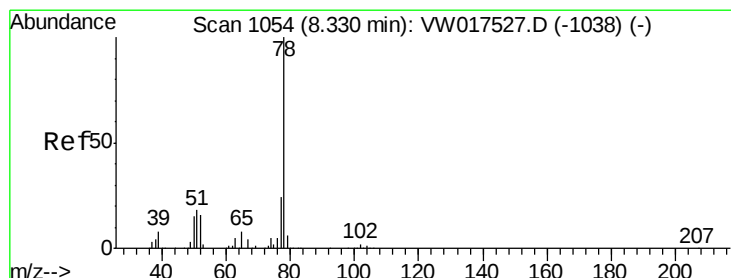
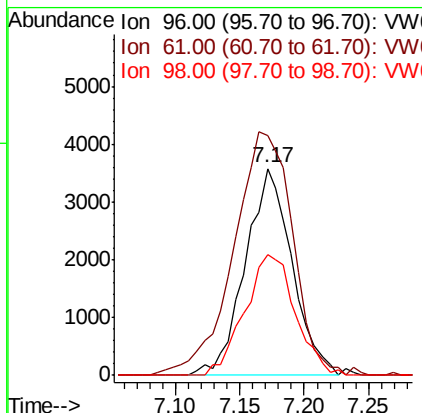
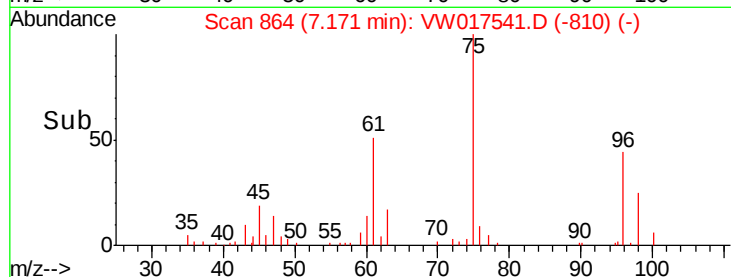
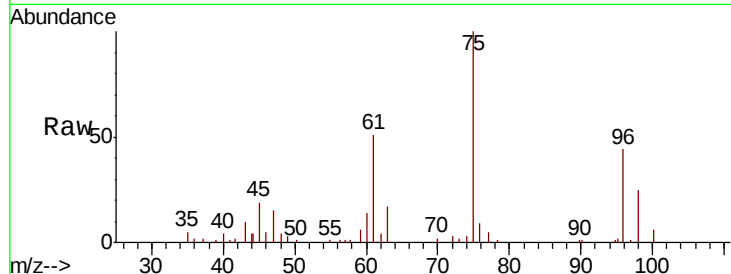
cis-1,2-Dichloroethene
Concen: 2.018 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW017541.D
Acq: 03 Dec 2020 18:19

Instrument :
MSVOA_W
ClientSampled :
BG4F9

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	116.2	84.6	157.2	
98	58.2	44.7	82.9	

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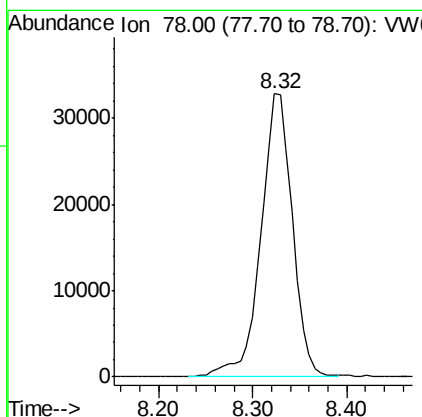
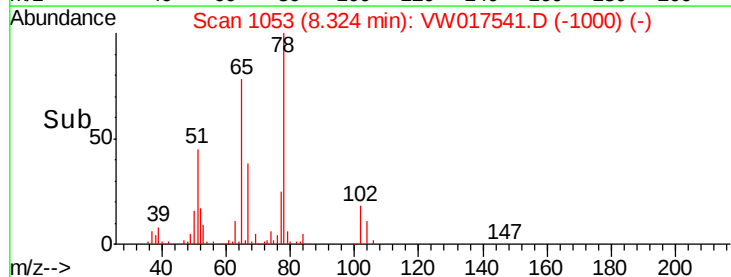
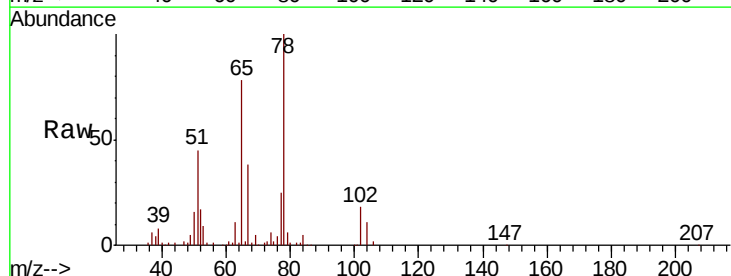
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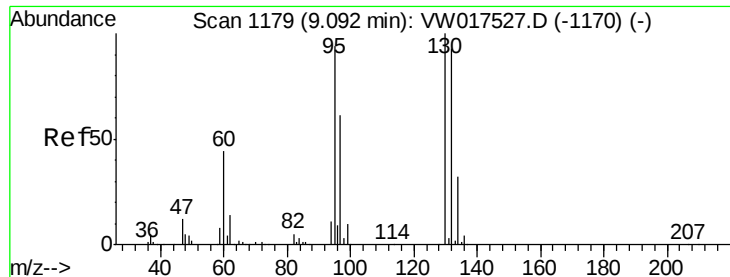


#34

Benzene
Concen: 5.327 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW017541.D
Acq: 03 Dec 2020 18:19

Tgt Ion: 78 Resp: 77153





#35

Trichloroethene

Concen: 287.012 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW017541.D

Acq: 03 Dec 2020 18:19

Instrument :

MSVOA_W

ClientSampleId :

BG4F9

Tot Ion: 95 Resp: 1152490

Ion Ratio Lower Upper

95 100

97 65.1 45.0 83.6

132 98.5 71.0 131.8

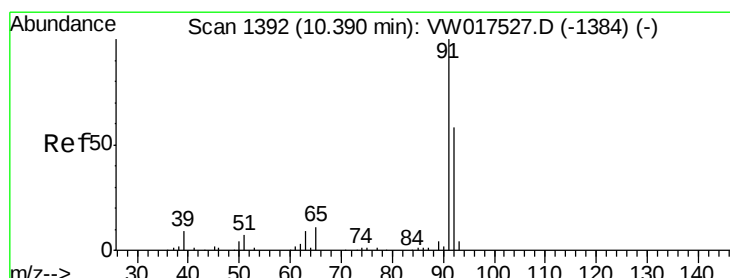
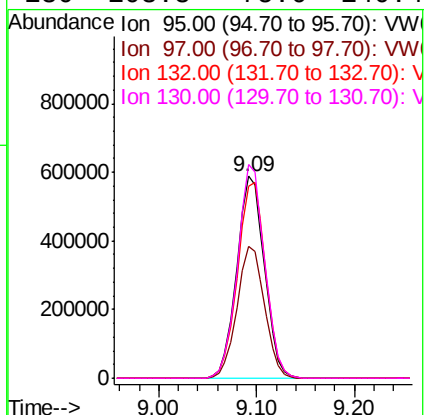
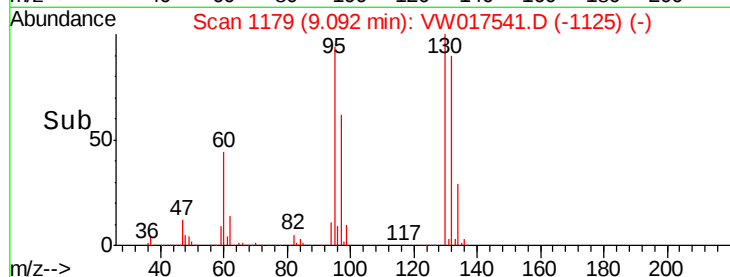
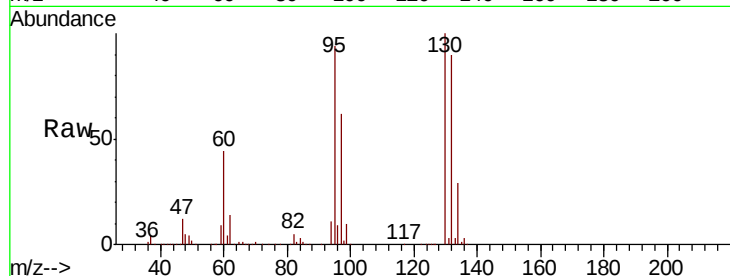
130 103.8 75.6 140.4

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#44

Toluene

Concen: 0.571 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017541.D

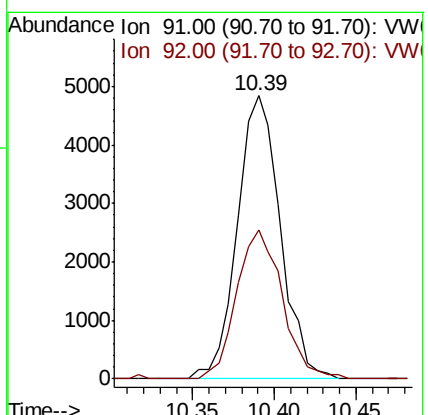
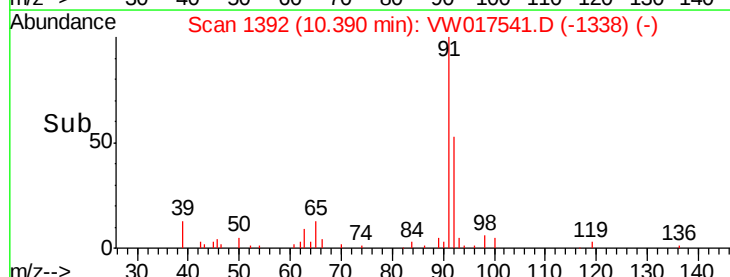
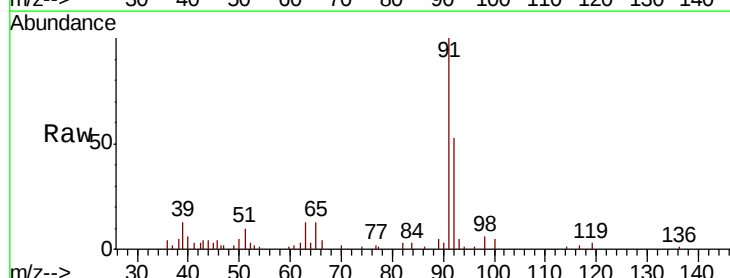
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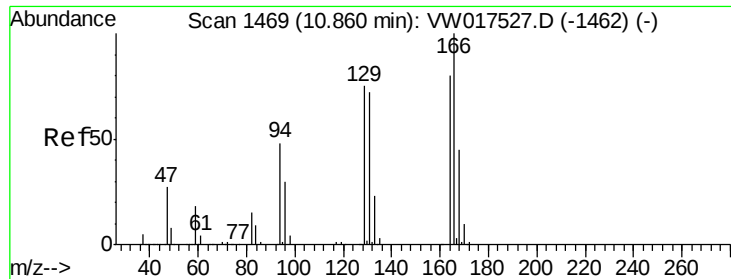
Tgt Ion: 91 Resp: 8896

Ion Ratio Lower Upper

91 100

92 52.5 41.6 77.3





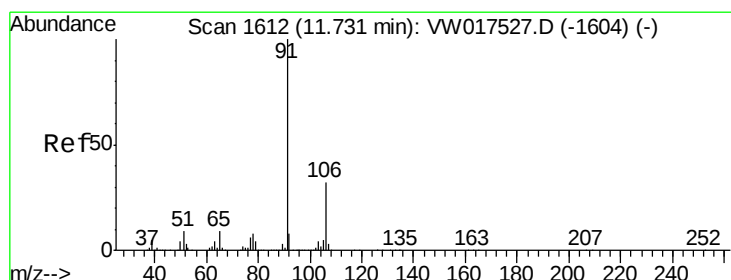
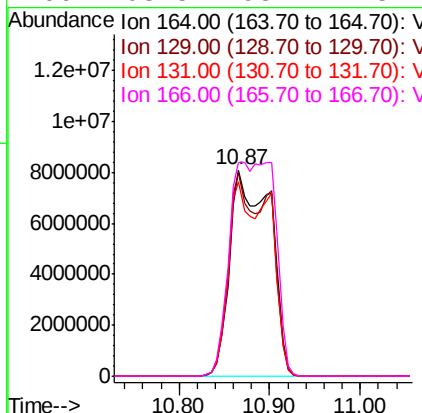
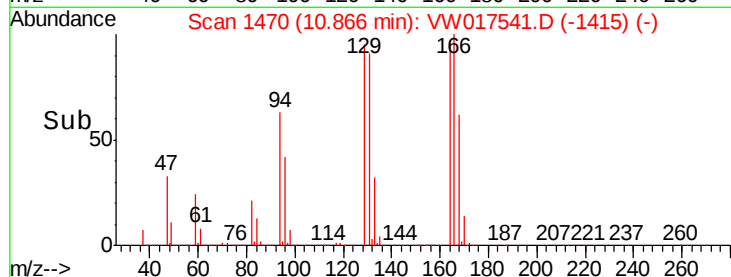
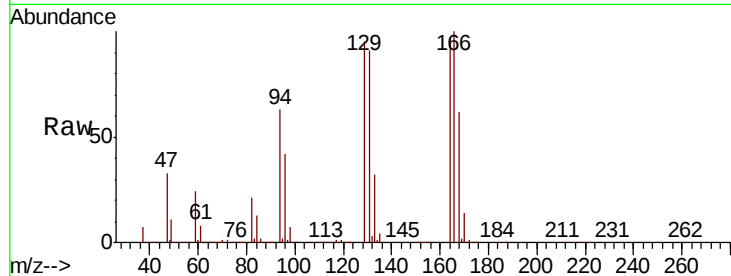
#47
Tetrachloroethene
Concen: 7310.394 ug/L m
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW017541.D
Acq: 03 Dec 2020 18:19

Instrument :
MSVOA_W
ClientSampleId :
BG4F9

Tot Ion:164 Resp:25011156
Ion Ratio Lower Upper
164 100
129 98.8 67.6 125.6
131 94.5 65.2 121.2
166 103.5 93.2 173.2

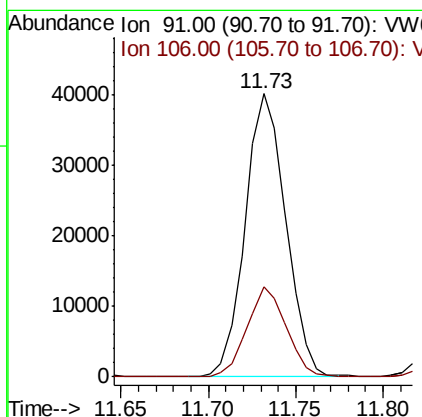
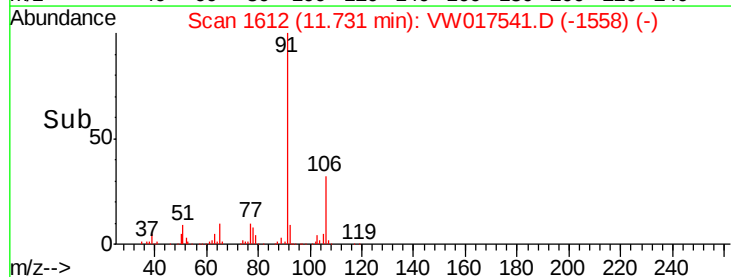
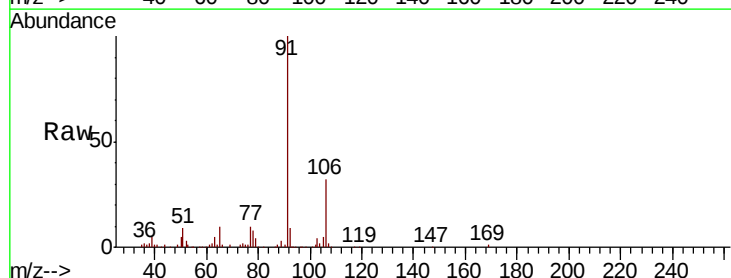
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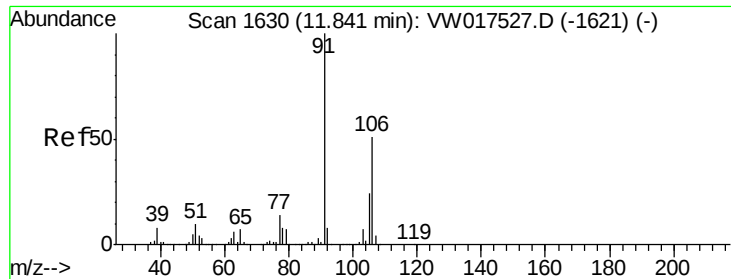
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#53
Ethylbenzene
Concen: 3.671 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW017541.D
Acq: 03 Dec 2020 18:19

Tgt Ion: 91 Resp: 64883
Ion Ratio Lower Upper
91 100
106 31.9 21.1 39.1





#54

m,p-Xylene

Concen: 2.305 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW017541.D

Acq: 03 Dec 2020 18:19

Instrument :

MSVOA_W

ClientSampled :

BG4F9

Tot Ion:106 Resp: 15543

Ion Ratio Lower Upper

106 100

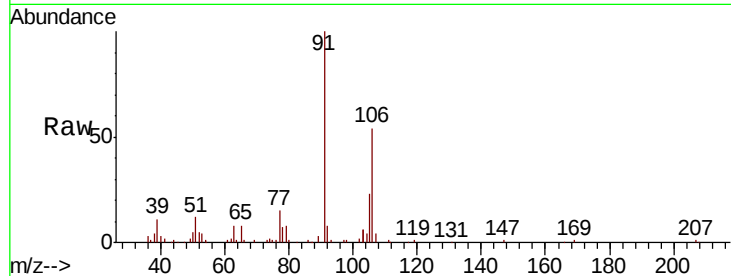
91 186.7 136.4 253.4

Manual Integrations

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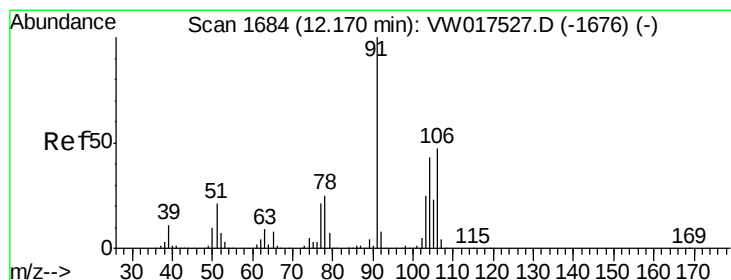
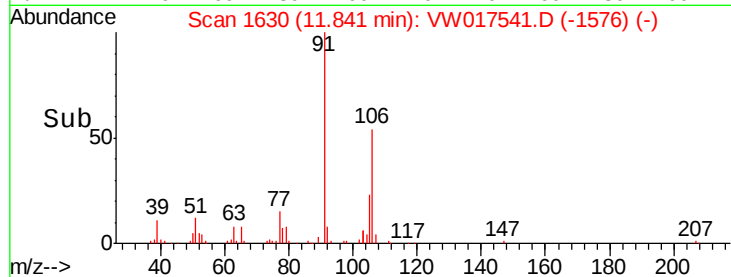
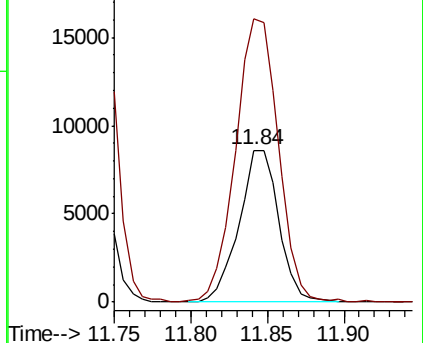
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 1.483 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VW017541.D

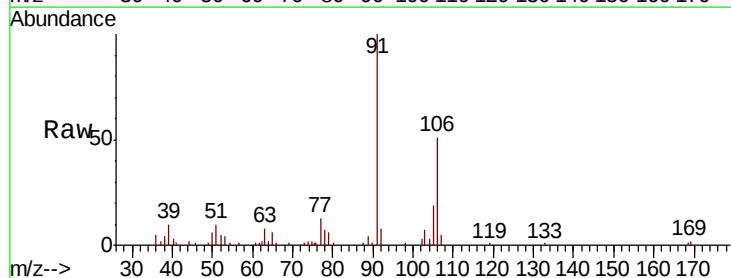
Acq: 03 Dec 2020 18:19

Tgt Ion:106 Resp: 9315

Ion Ratio Lower Upper

106 100

91 196.8 147.6 274.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

