

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017171.D
 Acq On : 11 Nov 2020 18:08
 Operator : SY/VA
 Sample : L4693-22
 Misc : 5.45G/10ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4E8

Manual Integrations
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 11/13/2020
 11:41:11 AM

Quant Time: Nov 12 06:11:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	464675	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	419888	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	197171	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	128238	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.64%
7) Chloroethane-d5	2.90	69	108301	24.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.04%
10) 1,1-Dichloroethene-d2	4.03	63	177640	16.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.88%
20) 2-Butanone-d5	7.09	46	41958	32.06	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.12%
24) Chloroform-d	7.65	84	255203	23.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.12%
26) 1,2-Dichloroethane-d4	8.31	65	123488m	22.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.60%
29) Benzene-d6	8.28	84	516360	24.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.60%
33) 1,2-Dichloropropane-d6	9.28	67	141122	23.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.44%
37) Toluene-d8	10.33	98	490046	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.24%
38) trans-1,3-Dichloropropene-	10.58	79	53032	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.56%
39) 2-Hexanone-d5	10.93	63	34582	33.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98551	19.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	167575	24.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.15	43	4265	4.867	ug/L	96
14) Carbon disulfide	4.39	76	24299	1.548	ug/L	96
16) Methylene chloride	4.93	84	5179	0.827	ug/L	87
17) Methyl tert-butyl Ether	5.43	73	35869	5.093	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	8566	1.357	ug/L	95
34) Benzene	8.32	78	27805	1.261	ug/L	100
35) Trichloroethene	9.10	95	240344	38.914	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	2379	0.748	ug/L	96
47) Tetrachloroethene	10.87	164	1742452	312.693	ug/L	94

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

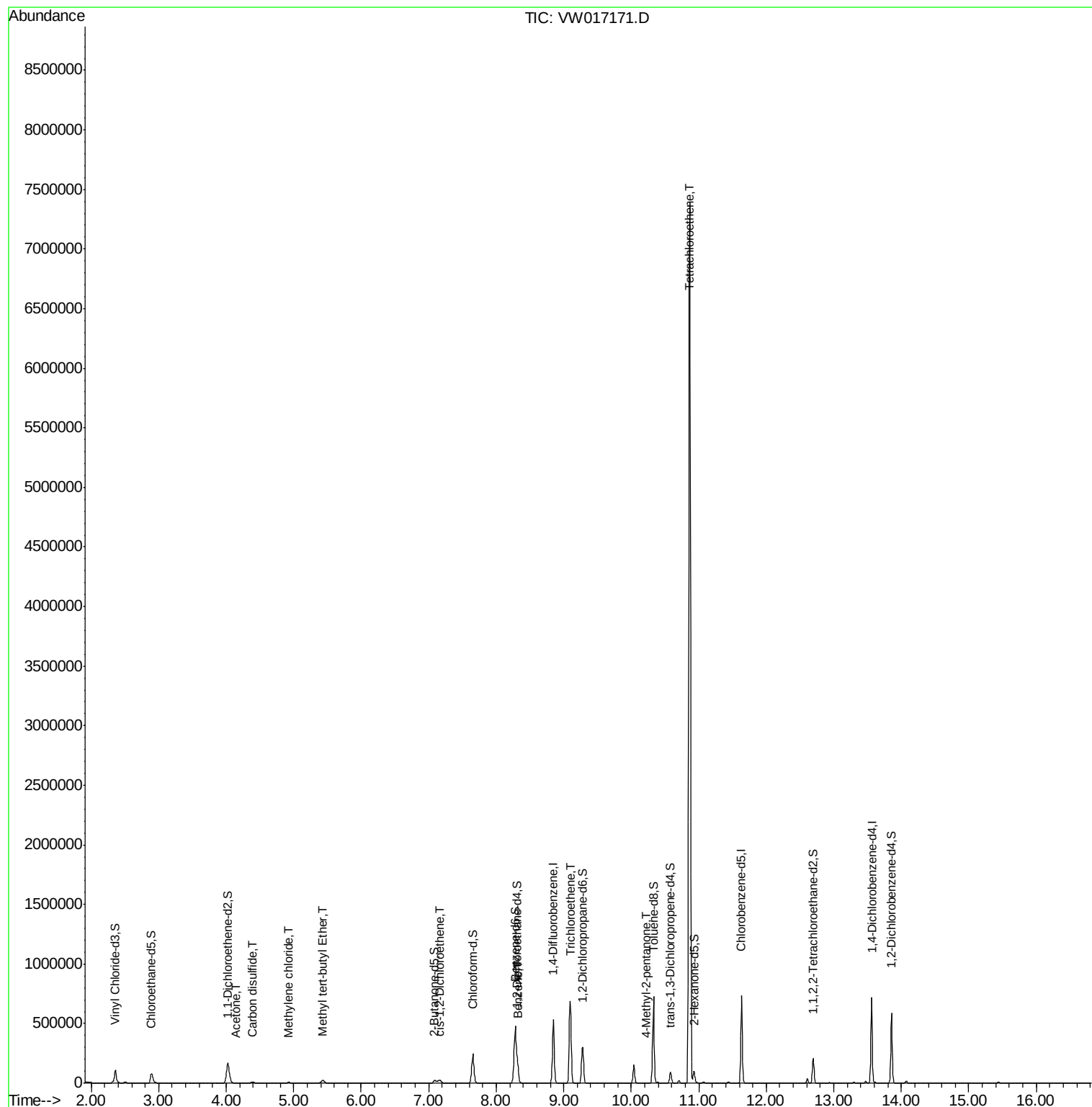
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111120\
Data File : VW017171.D
Acq On : 11 Nov 2020 18:08
Operator : SY/VA
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ALS Vial : 21 Sample Multiplier: 1

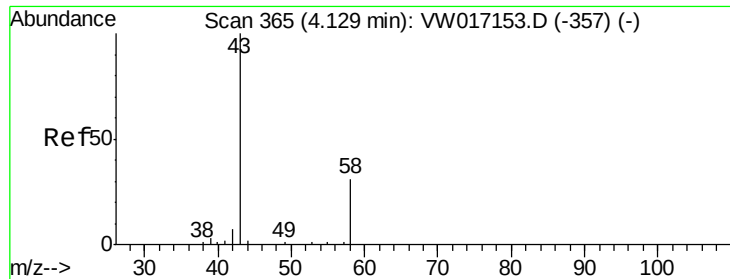
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Nov 12 06:11:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 12 03:07:51 2020
Response via : Initial Calibration

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#13

Acetone

Concen: 4.867 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW017171.D

Acq: 11 Nov 2020 18:08

Instrument :

MSVOA_W

ClientSampled :

BG4E8

Tot Ion: 43 Resp: 4265

Ion Ratio Lower Upper

43 100

58 32.4 0.0 69.2

Manual Integrations

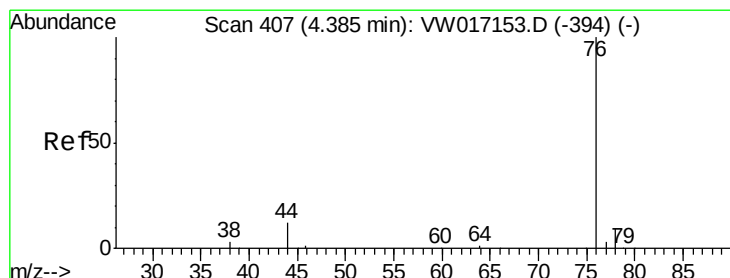
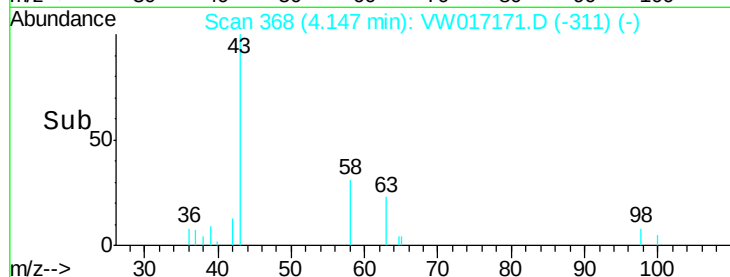
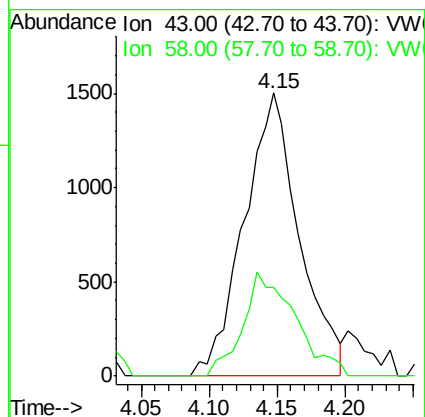
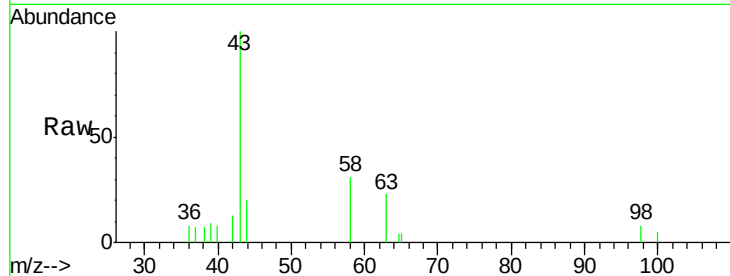
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#14

Carbon disulfide

Concen: 1.548 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW017171.D

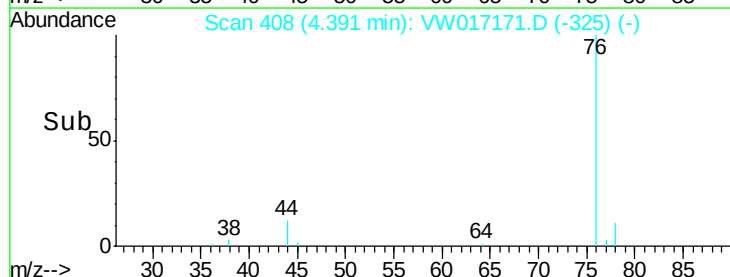
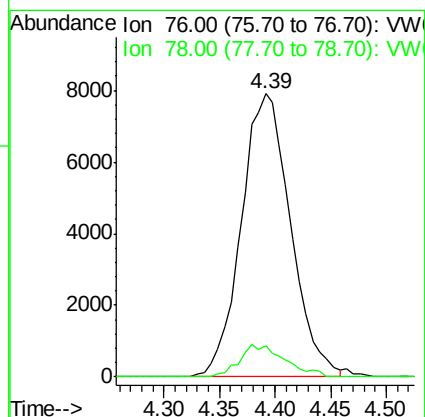
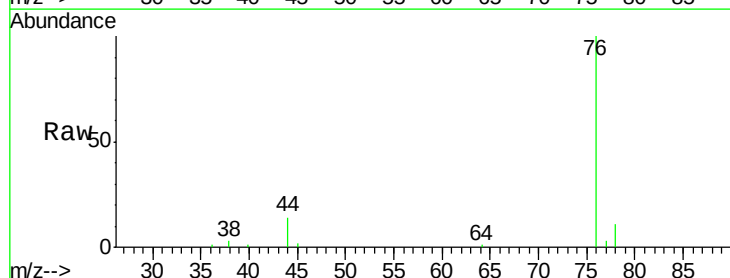
Acq: 11 Nov 2020 18:08

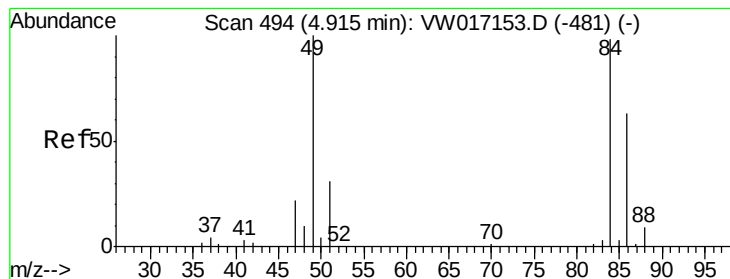
Tgt Ion: 76 Resp: 24299

Ion Ratio Lower Upper

76 100

78 10.9 7.6 11.4





#16

Methylene chloride

Concen: 0.827 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017171.D

Acq: 11 Nov 2020 18:08

Instrument :

MSVOA_W

ClientSampled :

BG4E8

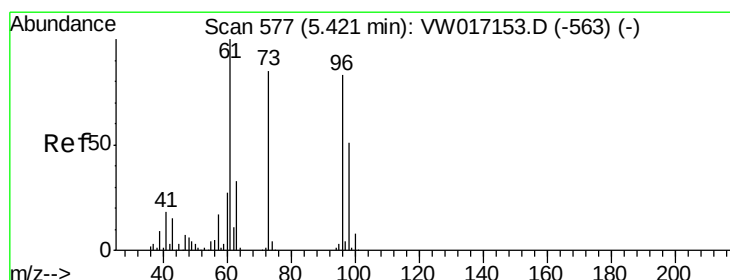
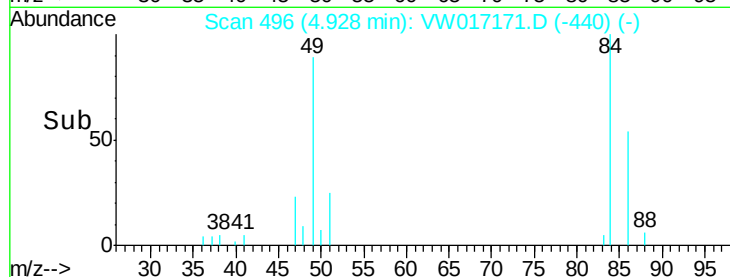
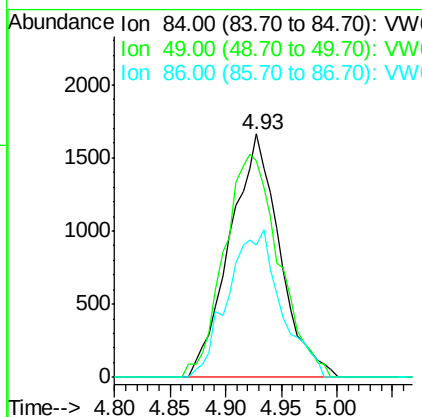
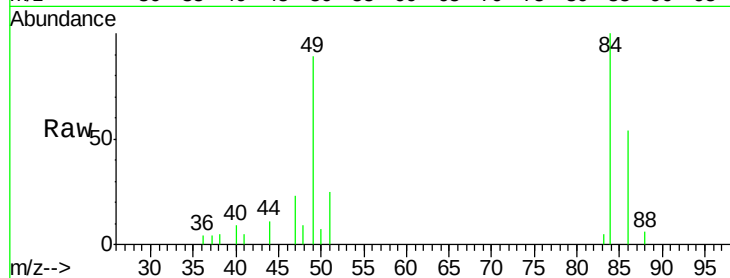
Tot Ion:	84	Resp:	5179
Ion	Ratio	Lower	Upper
84	100		
49	89.1	72.3	134.3
86	54.4	45.1	83.7

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#17

Methyl tert-butyl Ether

Concen: 5.093 ug/L

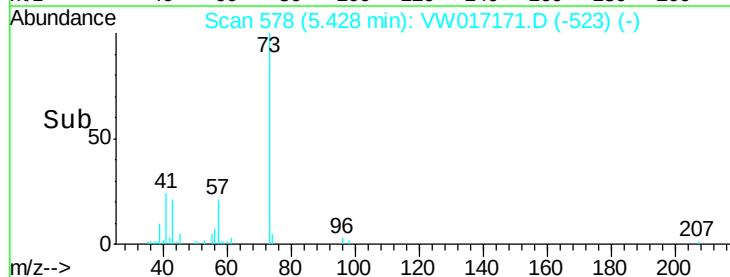
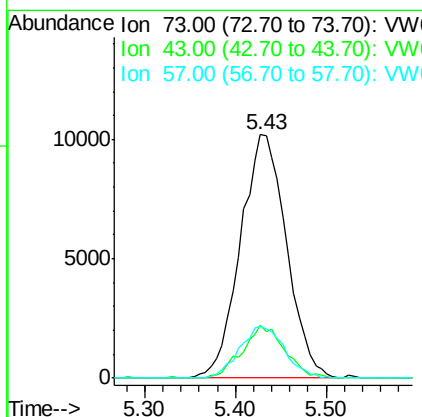
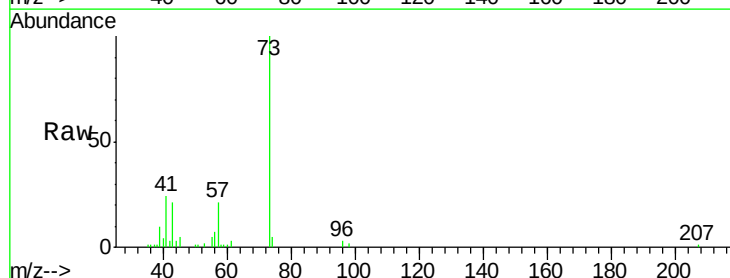
RT: 5.43 min Scan# 578

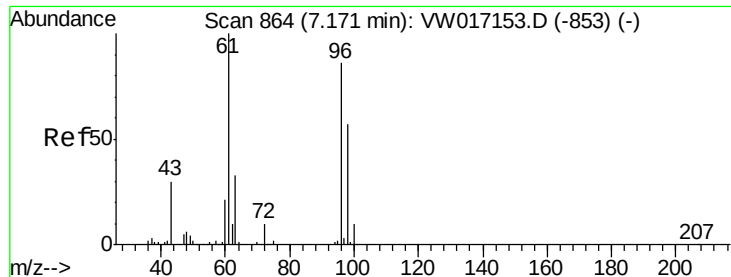
Delta R.T. 0.01 min

Lab File: VW017171.D

Acq: 11 Nov 2020 18:08

Tgt Ion:	73	Resp:	35869
Ion	Ratio	Lower	Upper
73	100		
43	19.5	14.5	21.7
57	20.6	16.3	24.5





#22

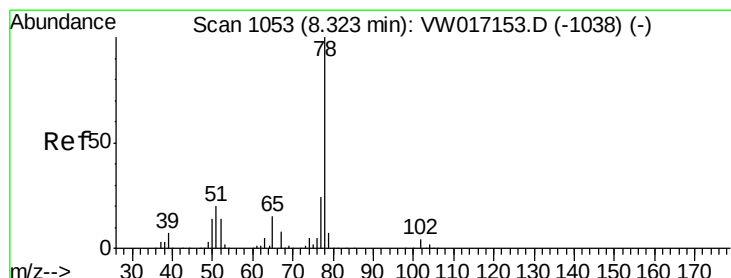
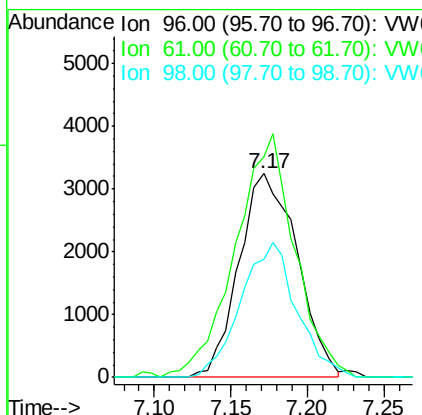
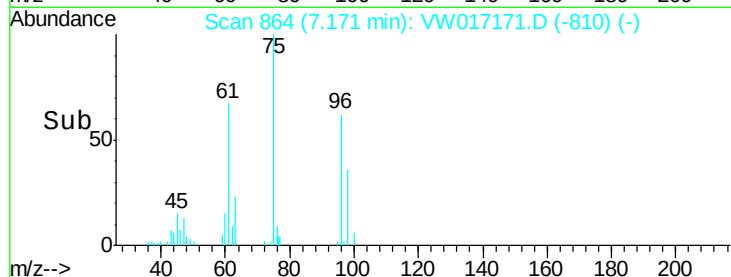
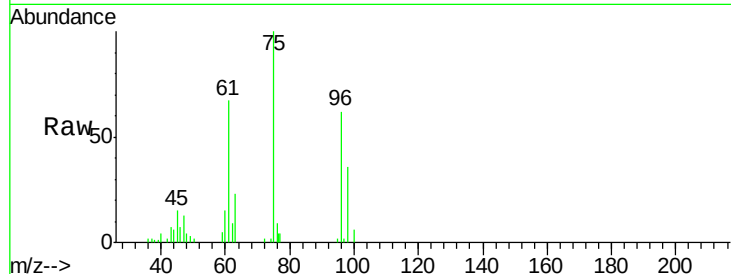
cis-1,2-Dichloroethene
Concen: 1.357 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW017171.D
Acq: 11 Nov 2020 18:08

Instrument :
MSVOA_W
ClientSampled :
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Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	107.9	77.4	143.8	
98	57.8	45.1	83.7	

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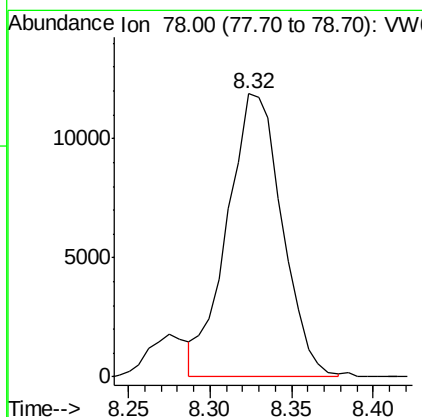
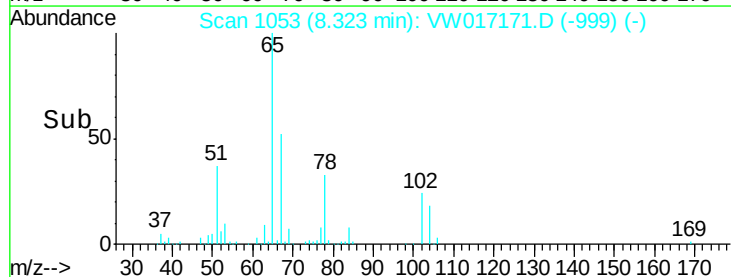
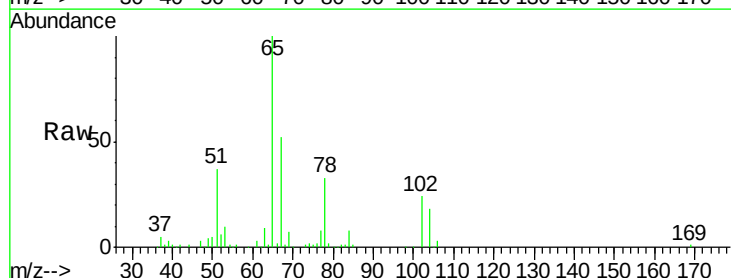
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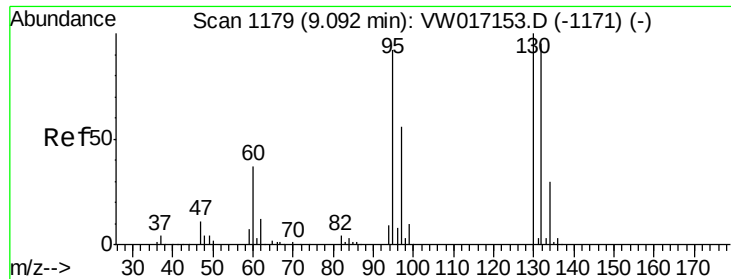


#34

Benzene
Concen: 1.261 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW017171.D
Acq: 11 Nov 2020 18:08

Tgt Ion: 78 Resp: 27805





#35

Trichloroethene

Concen: 38.914 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW017171.D

Acq: 11 Nov 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

BG4E8

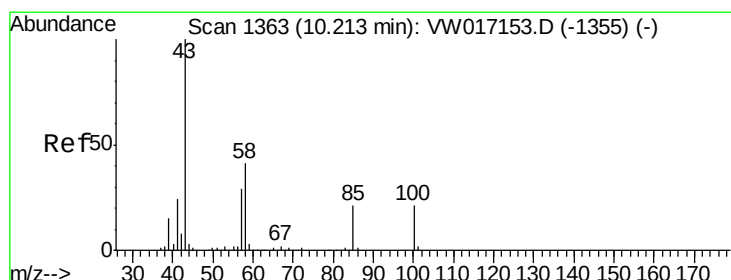
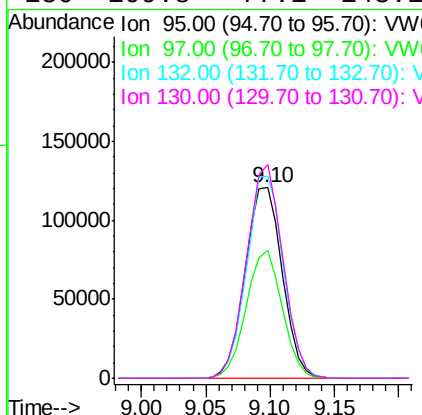
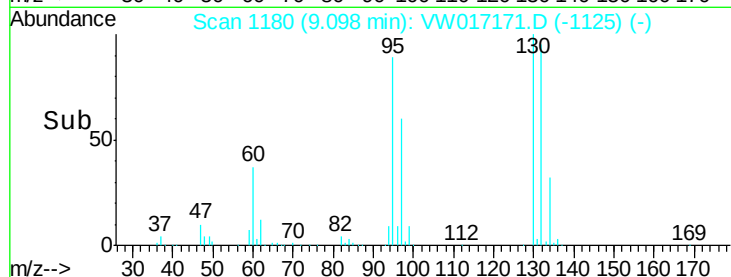
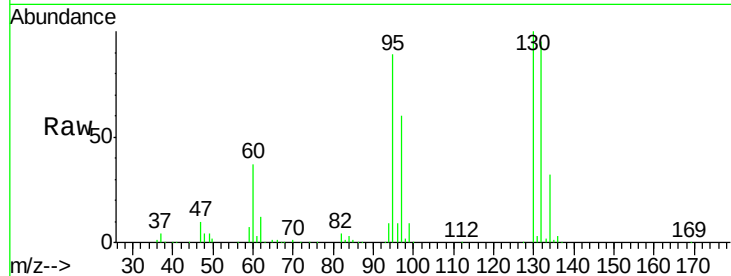
Tot Ion	95	Resp	240344
Ion Ratio	Lower	Upper	
95	100		
97	65.0	45.0	83.6
132	105.2	73.7	136.9
130	109.8	77.1	143.1

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#43

4-Methyl-2-pentanone

Concen: 0.748 ug/L

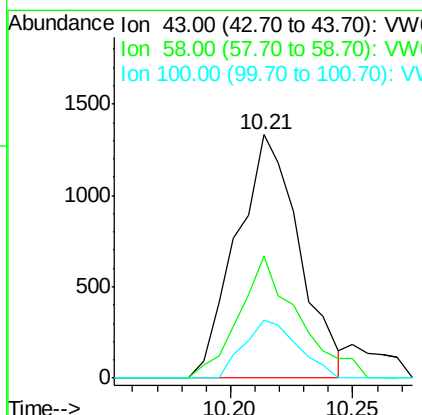
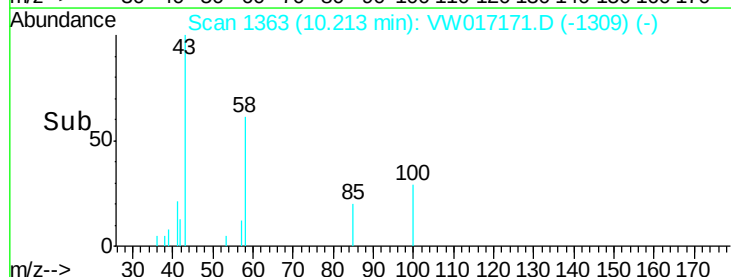
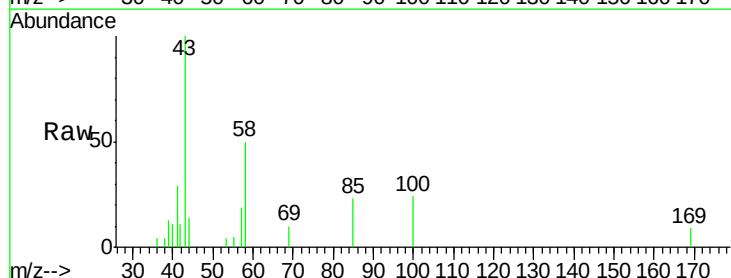
RT: 10.21 min Scan# 1363

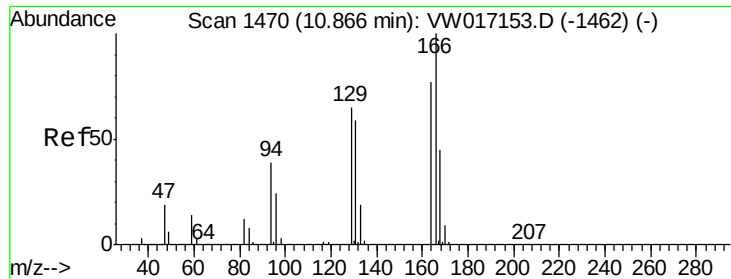
Delta R.T. 0.00 min

Lab File: VW017171.D

Acq: 11 Nov 2020 18:08

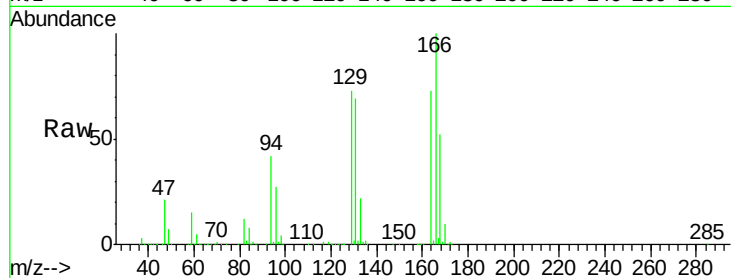
Tgt Ion	43	Resp	2379
Ion Ratio	Lower	Upper	
43	100		
58	47.3	35.0	52.6
100	20.5	16.6	24.8





#47
 Tetrachloroethene
 Concen: 312.693 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VW017171.D
 Acq: 11 Nov 2020 18:08

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4E8



Tot Ion	Ratio	Lower	Upper
164	100		
129	99.1	62.9	116.7
131	94.2	63.3	117.5
166	136.5	92.0	170.8

Manual Integrations
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 11:41:11 AM

