

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017294.D
 Acq On : 17 Nov 2020 18:18
 Operator : SY/VA
 Sample : L4738-03MSD
 Misc : 5.85G/10ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0X0MSD

Manual Integrations
 APPROVED

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 11/19/2020 11:09:40 AM

Quant Time: Nov 18 04:43:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 02:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	393683	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	356715	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	166097	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88312	17.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.24%
7) Chloroethane-d5	2.90	69	75158	19.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.68%
10) 1,1-Dichloroethene-d2	4.03	63	179457	20.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.92%
20) 2-Butanone-d5	7.08	46	57402	51.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.52%
24) Chloroform-d	7.65	84	201709	21.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	8.31	65	112602	24.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.56%
29) Benzene-d6	8.28	84	384577	21.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.68%
33) 1,2-Dichloropropane-d6	9.28	67	112574	22.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.60%
37) Toluene-d8	10.33	98	358183	20.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.64%
38) trans-1,3-Dichloropropene-	10.58	79	48712	21.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.00%
39) 2-Hexanone-d5	10.93	63	48997	55.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114452	26.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	136512	23.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.32%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	4.05	96	105231	21.537 ug/L	89
13) Acetone	4.13	43	8693	11.708 ug/L	73
16) Methylene chloride	4.92	84	8909m	1.679 ug/L	
34) Benzene	8.33	78	430252	22.970 ug/L	100
35) Trichloroethene	9.10	95	120970	23.055 ug/L	99
44) Toluene	10.39	91	476903	23.131 ug/L	97
52) Chlorobenzene	11.66	112	312922	22.440 ug/L	98

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

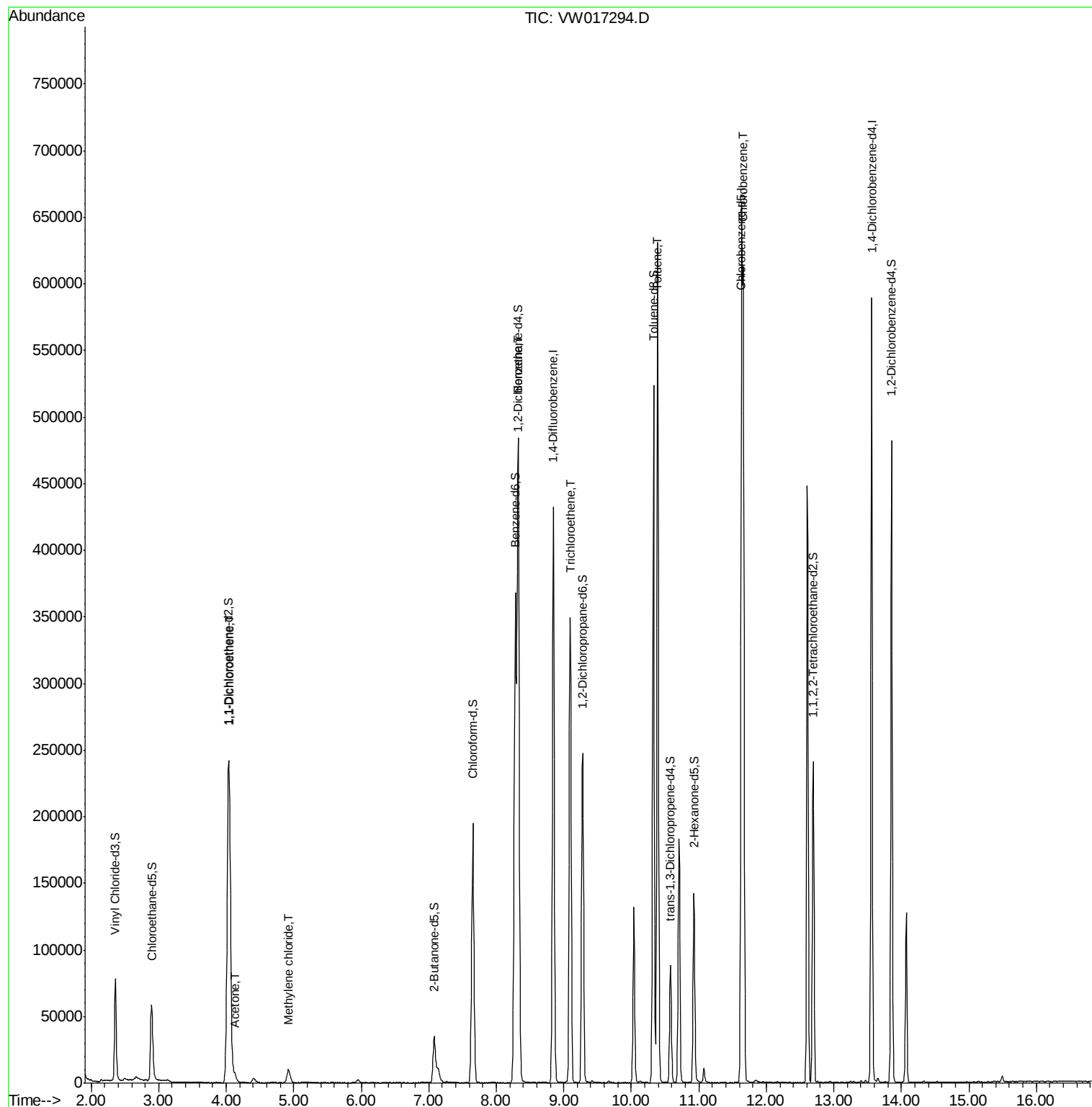
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Data File : VW017294.D
Acq On : 17 Nov 2020 18:18
Operator : SY/VA
Sample : L4738-03MSD
Misc : 5.85G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

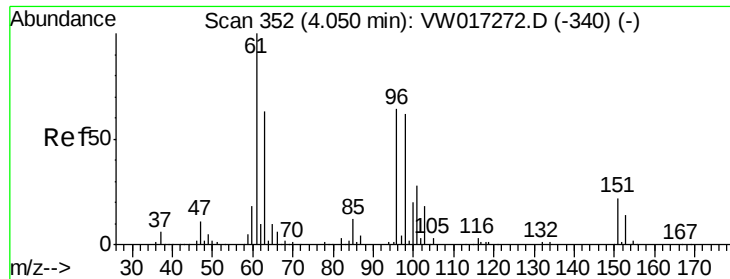
Instrument :
MSVOA_W
ClientSampleId :
GB0X0MSD

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Quant Time: Nov 18 04:43:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
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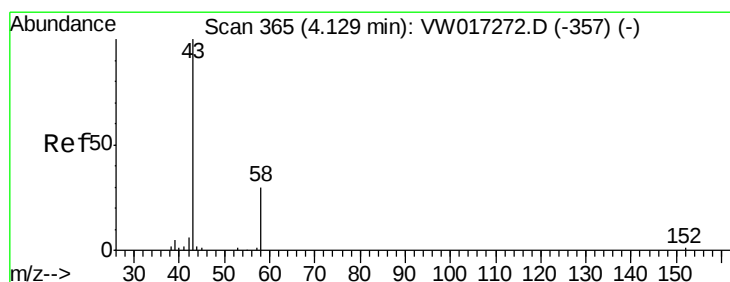
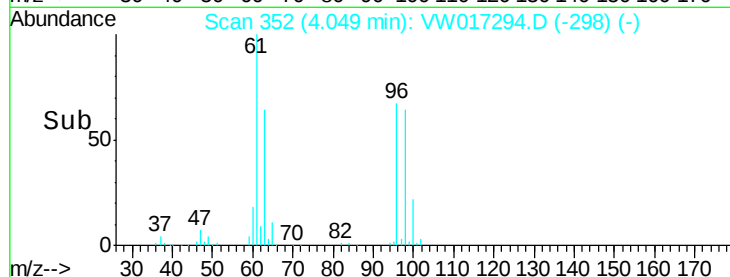
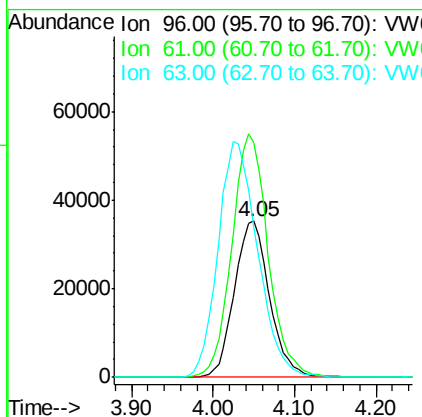
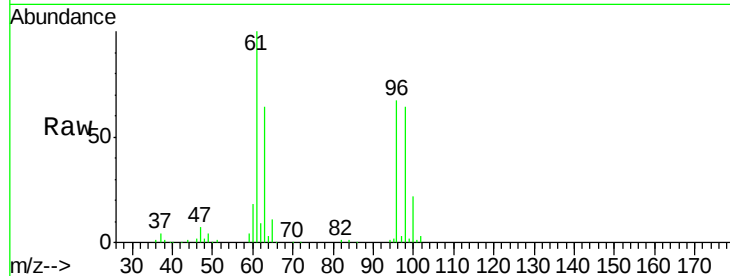
#12
 1,1-Dichloroethene
 Concen: 21.537 ug/L
 RT: 4.05 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VW017294.D
 Acq: 17 Nov 2020 18:18

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0X0MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.3	103.8	192.8
63	96.2	84.4	156.7

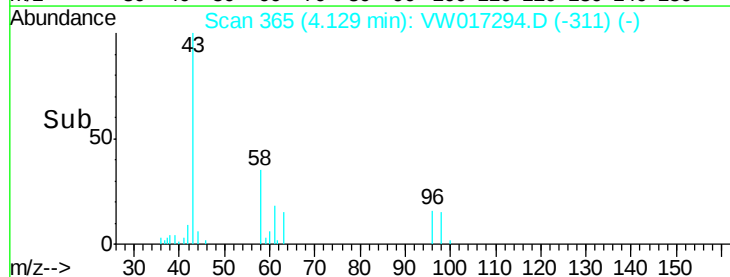
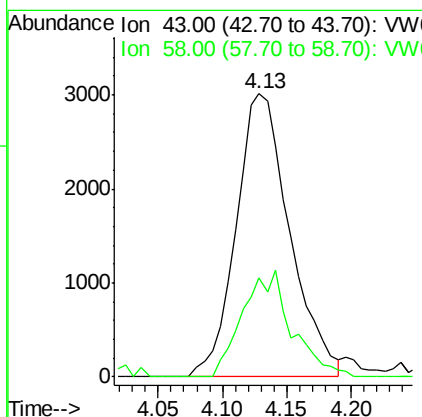
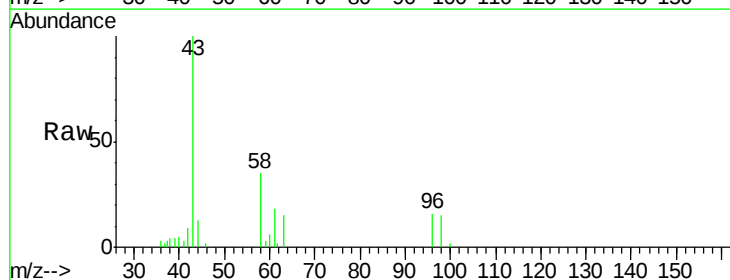
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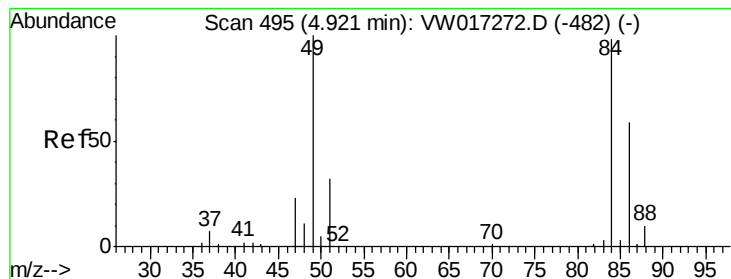
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#13
 Acetone
 Concen: 11.708 ug/L
 RT: 4.13 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VW017294.D
 Acq: 17 Nov 2020 18:18

Tgt Ion	Ratio	Lower	Upper
43	100		
58	19.0	0.0	69.2





#16

Methvlene chloride

Concen: 1.679 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017294.D

Acq: 17 Nov 2020 18:18

Instrument :

MSVOA_W

ClientSampleId :

GB0X0MSD

Tot Ion: 84 Resp: 8909

Ion Ratio Lower Upper

84 100

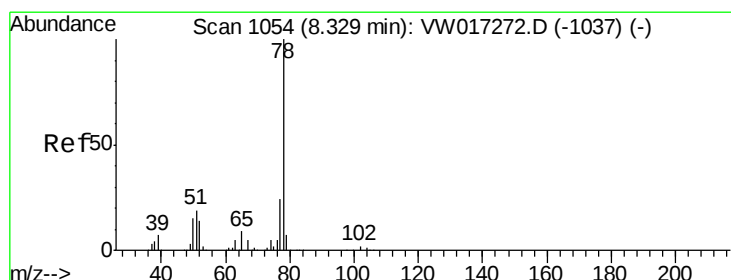
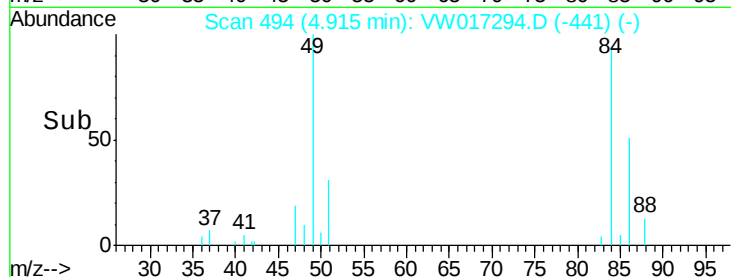
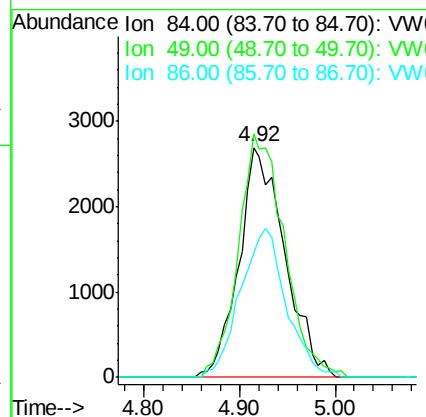
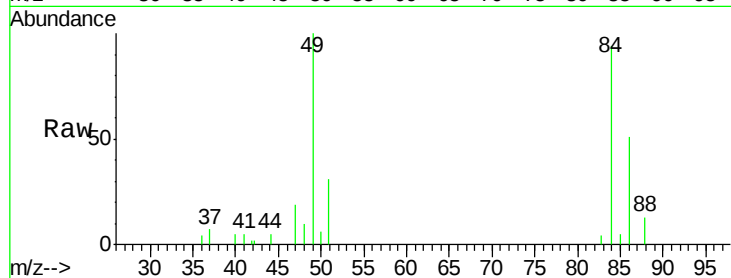
49 105.9 72.3 134.3

86 54.1 45.1 83.7

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#34

Benzene

Concen: 22.970 ug/L

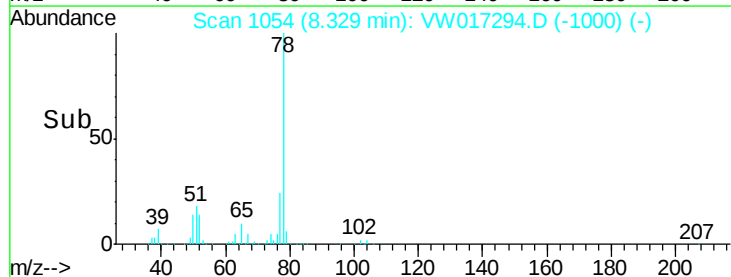
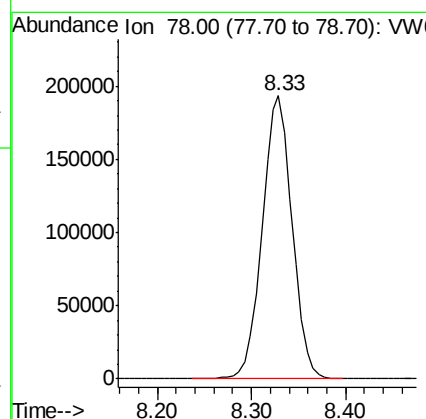
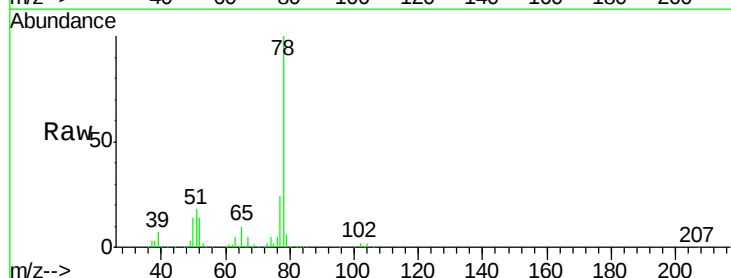
RT: 8.33 min Scan# 1054

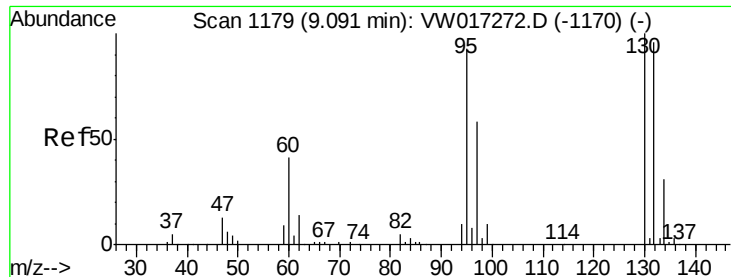
Delta R.T. -0.00 min

Lab File: VW017294.D

Acq: 17 Nov 2020 18:18

Tgt Ion: 78 Resp: 430252





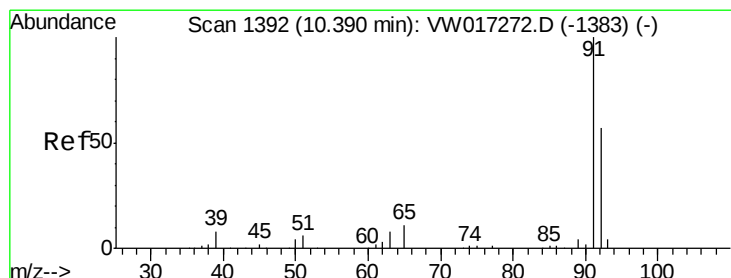
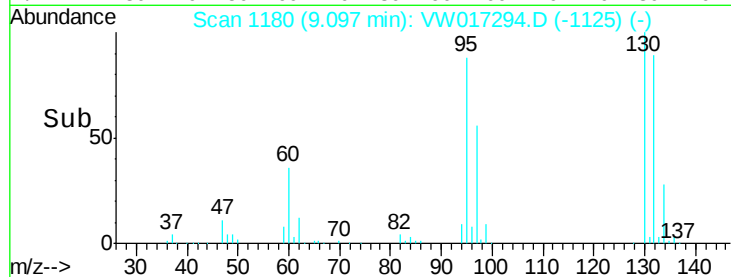
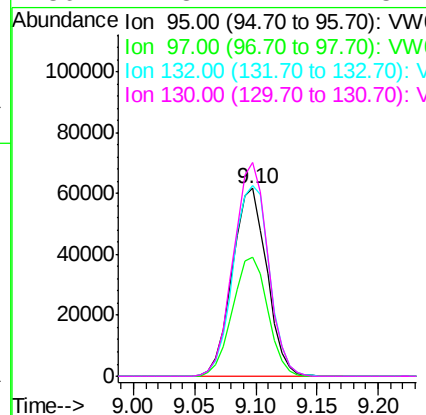
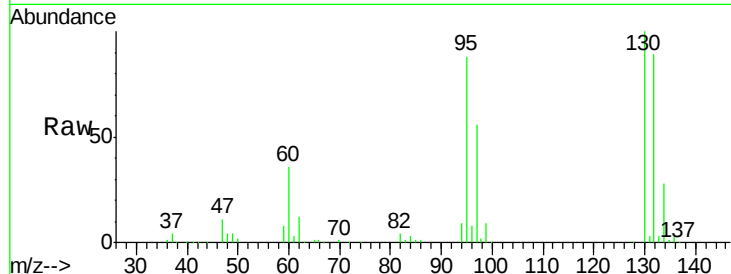
#35
 Trichloroethene
 Concen: 23.055 ug/L
 RT: 9.10 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: VW017294.D
 Acq: 17 Nov 2020 18:18

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0X0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		120970		
97	64.4	45.0	83.6		
132	106.1	73.7	136.9		
130	112.8	77.1	143.1		

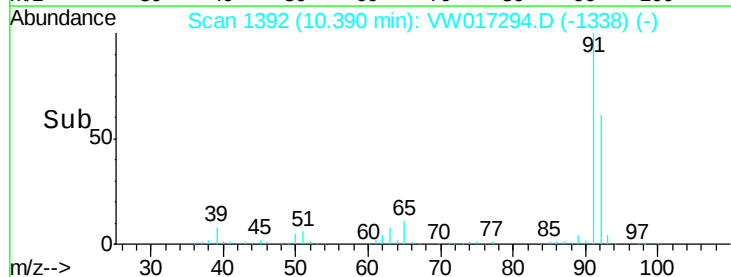
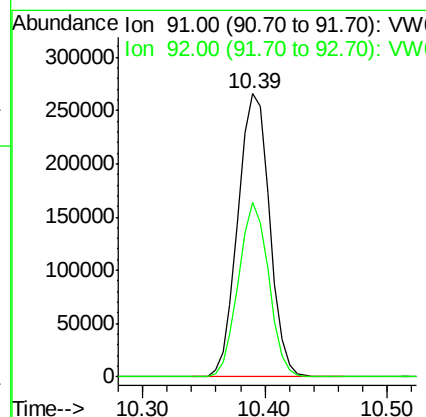
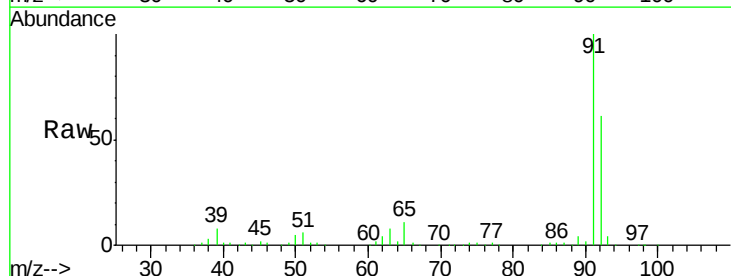
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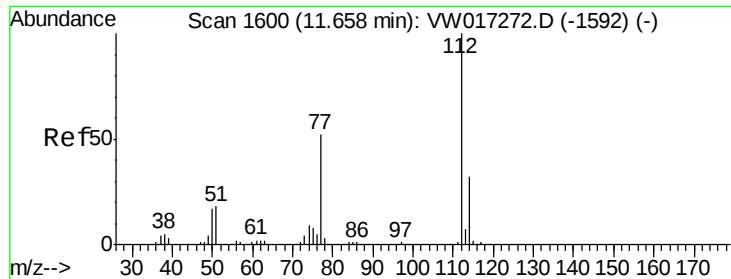
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#44
 Toluene
 Concen: 23.131 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW017294.D
 Acq: 17 Nov 2020 18:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		476903		
92	61.5	41.4	76.8		





#52
 Chlorobenzene
 Concen: 22.440 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VW017294.D
 Acq: 17 Nov 2020 18:18

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0X0MSD

Tot Ion:	112	Resp:	312922
Ion Ratio	Lower	Upper	
112	100		
77	53.0	41.7	62.5
114	30.4	22.3	41.3

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