

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017908.D
 Acq On : 15 Jan 2021 19:19
 Operator : SY/VA
 Sample : M1099-19
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C15

Manual Integrations
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 1/18/2021 8:50:59 AM

Quant Time: Jan 18 03:53:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 18 02:07:49 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	295615	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	230358	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	74339	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	107319	23.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.84%
7) Chloroethane-d5	2.89	69	92906	24.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.44%
10) 1,1-Dichloroethene-d2	4.02	63	135678	17.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.12%
20) 2-Butanone-d5	7.08	46	46900	63.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.52%
24) Chloroform-d	7.65	84	183278	23.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	8.31	65	108034	27.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.08%
29) Benzene-d6	8.27	84	354409	27.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.24%
33) 1,2-Dichloropropane-d6	9.27	67	109825	30.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.80%#
37) Toluene-d8	10.32	98	303260	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.32%
38) trans-1,3-Dichloropropene-	10.58	79	28673	17.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.92%
39) 2-Hexanone-d5	10.93	63	32309	71.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.86%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	77112	29.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	61462	23.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.96%

Target Compounds

					Ovalue
13) Acetone	4.13	43	24903	38.902	ug/L 92
14) Carbon disulfide	4.38	76	30653	2.818	ug/L 99
16) Methylene chloride	4.92	84	8194	1.938	ug/L 91
21) 2-Butanone	7.18	43	7962m	9.247	ug/L
36) Methylcyclohexane	9.34	83	4254	0.667	ug/L # 37
52) Chlorobenzene	11.66	112	6409	0.684	ug/L # 79
57) Isopropylbenzene	12.46	105	20278	1.168	ug/L # 93
63) 1,3-Dichlorobenzene	13.50	146	56317	12.274	ug/L 91
64) 1,4-Dichlorobenzene	13.58	146	67577	14.656	ug/L 96

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

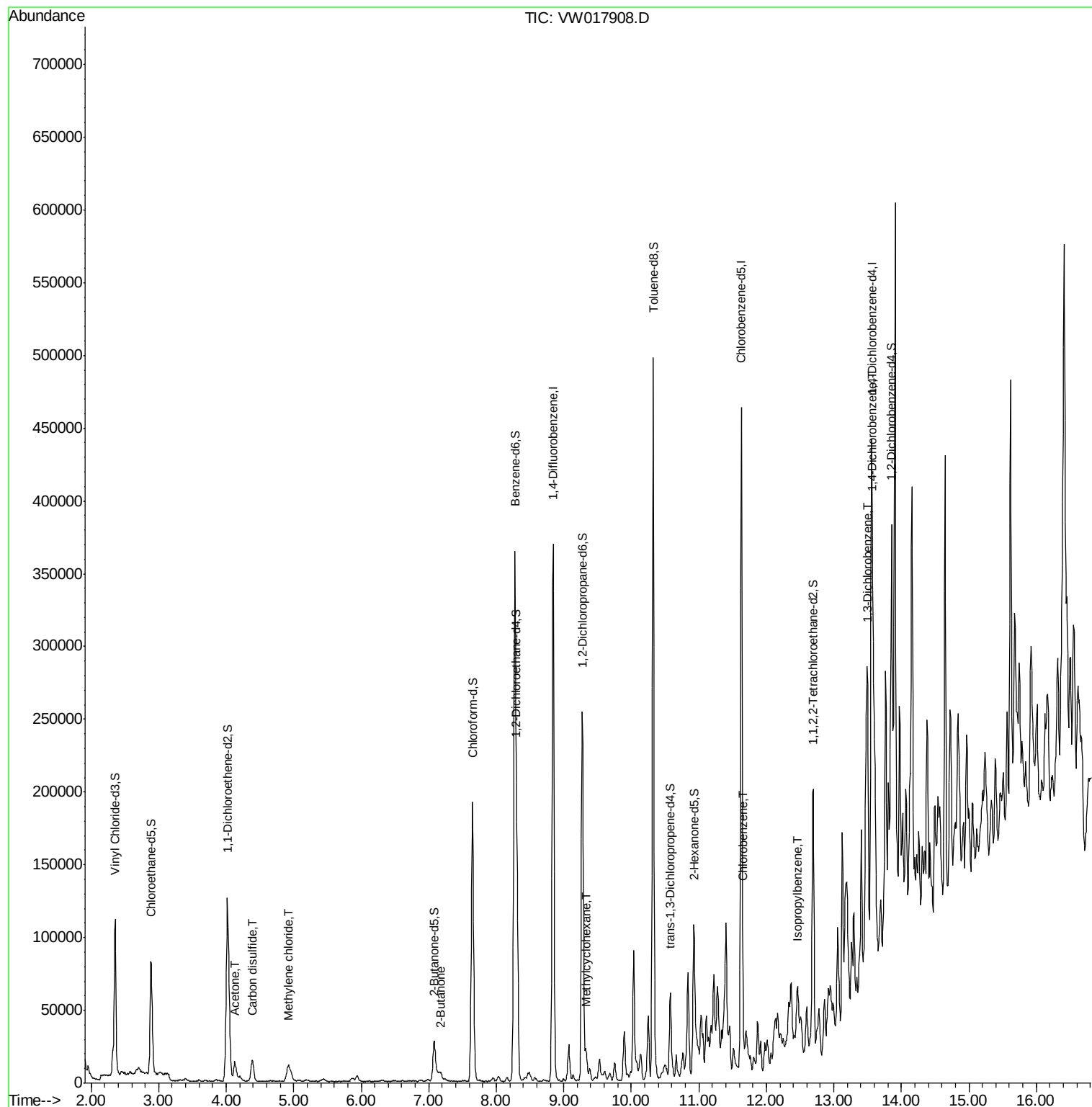
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

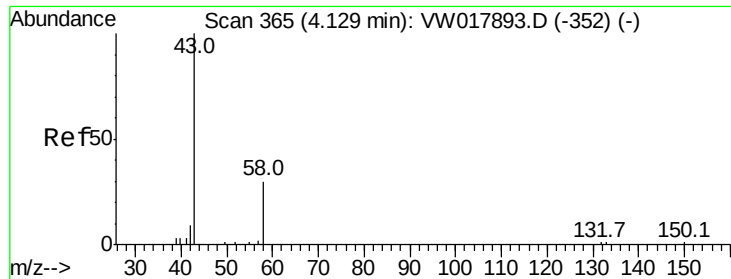
Instrument :
MSVOA_W
ClientSampleId :
F1C15

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Quant Time: Jan 18 03:53:29 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 18 02:07:49 2021
Response via : Initial Calibration





#13

Acetone

Concen: 38.902 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017908.D

Acq: 15 Jan 2021 19:19

Instrument :

MSVOA_W

ClientSampled :

F1C15

Tot Ion: 43 Resp: 24903

Ion Ratio Lower Upper

43 100

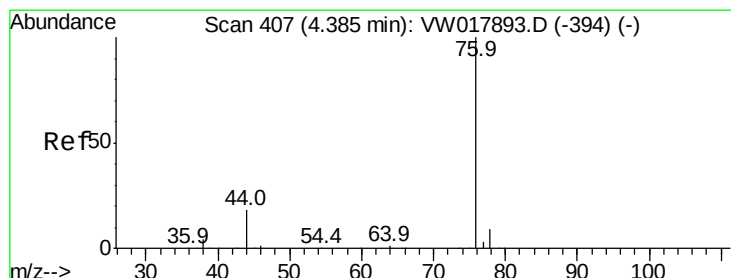
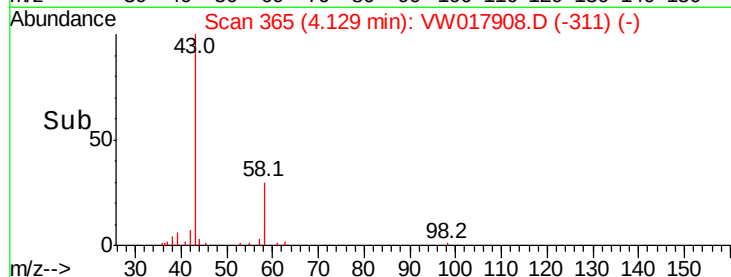
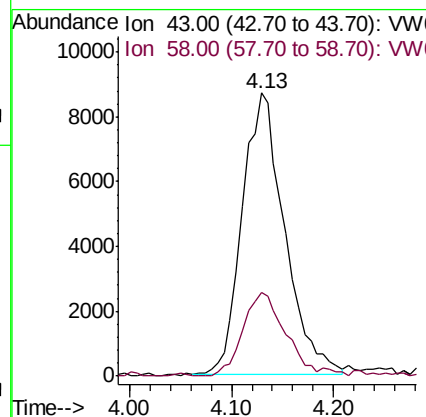
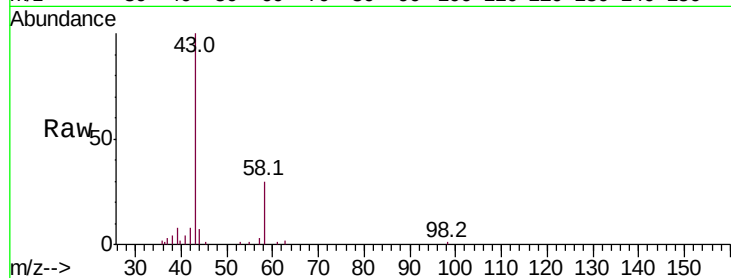
58 29.4 0.0 68.4

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#14

Carbon disulfide

Concen: 2.818 ug/L

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW017908.D

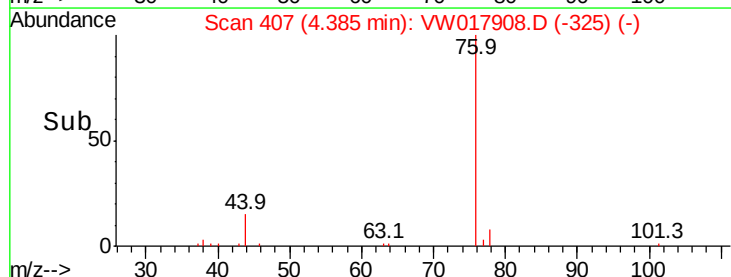
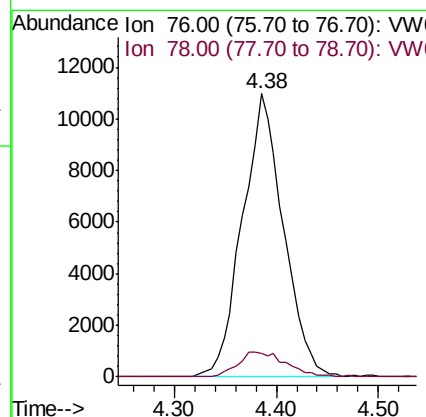
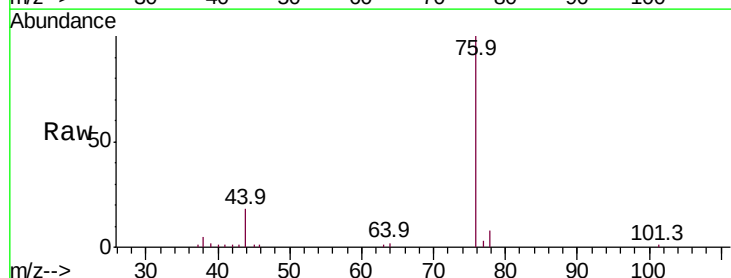
Acq: 15 Jan 2021 19:19

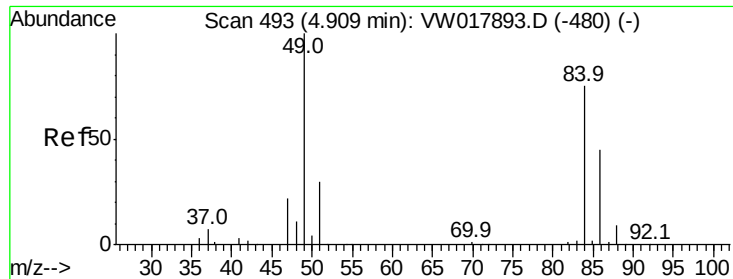
Tgt Ion: 76 Resp: 30653

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.4





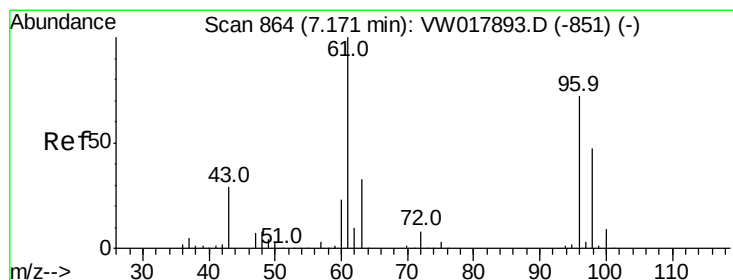
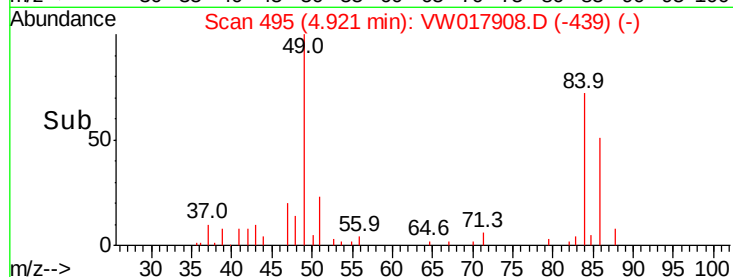
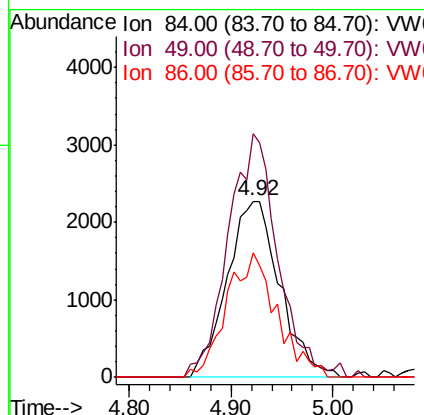
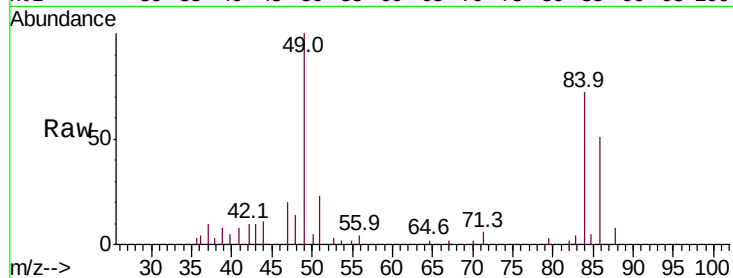
#16
Methylene chloride
Concen: 1.938 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017908.D
Acq: 15 Jan 2021 19:19

Instrument :
MSVOA_W
ClientSampled :
F1C15

Tot Ion	84	Resp	8194
Ion Ratio	100	Lower	Upper
84	100		
49	129.7	81.2	150.8
86	66.4	44.5	82.7

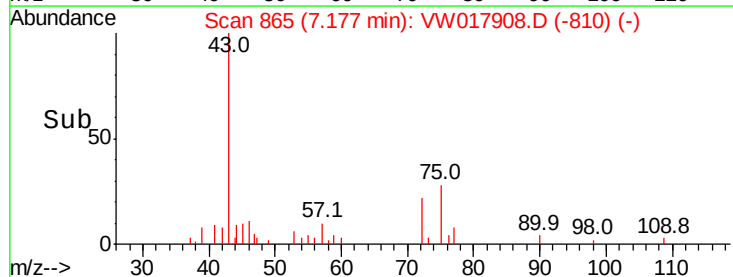
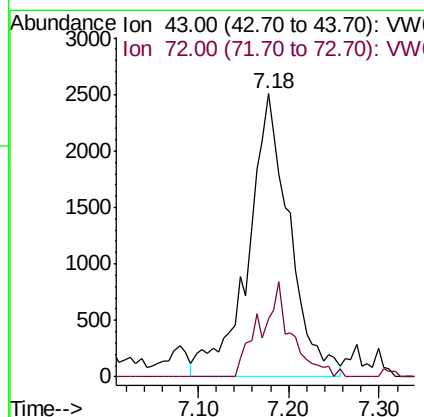
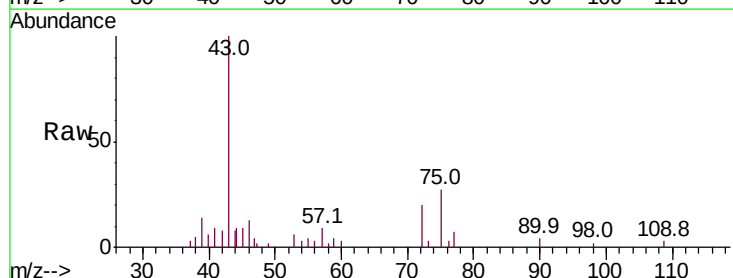
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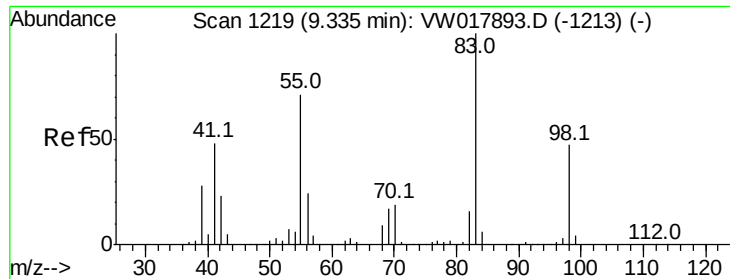
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#21
2-Butanone
Concen: 9.247 ug/L m
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW017908.D
Acq: 15 Jan 2021 19:19

Tgt Ion	43	Resp	7962
Ion Ratio	100	Lower	Upper
43	100		
72	0.3	14.4	43.2#





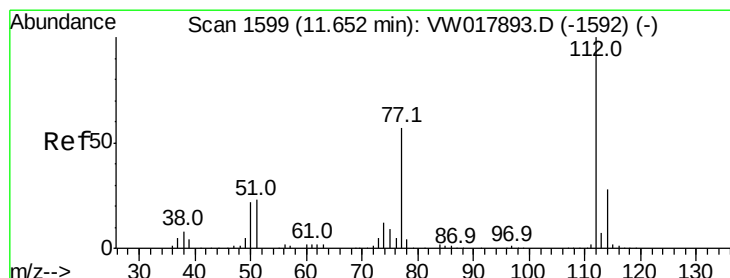
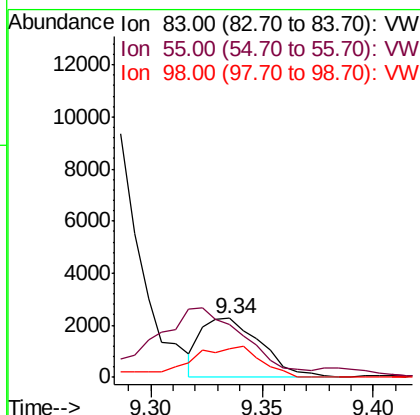
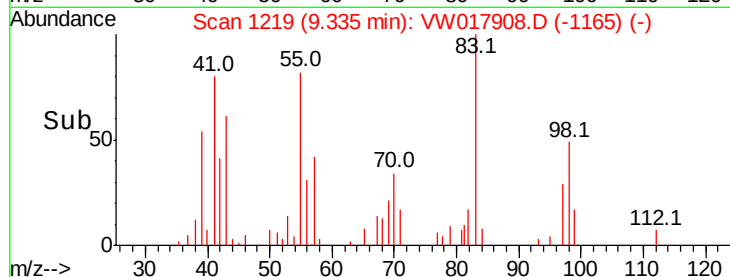
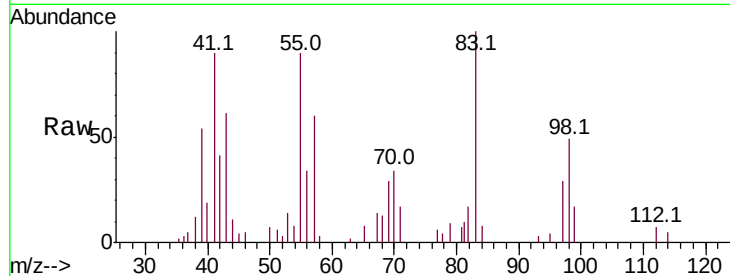
#36
Methylvlcyclohexane
Concen: 0.667 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW017908.D
Acq: 15 Jan 2021 19:19

Instrument :
MSVOA_W
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.0#
98	32.5	40.7	61.1#

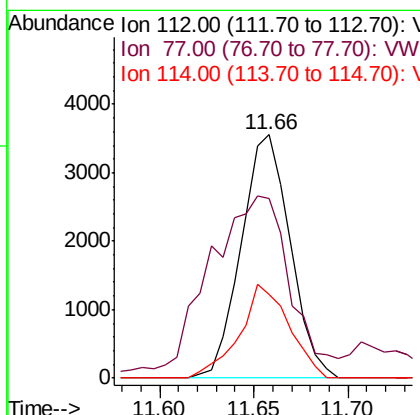
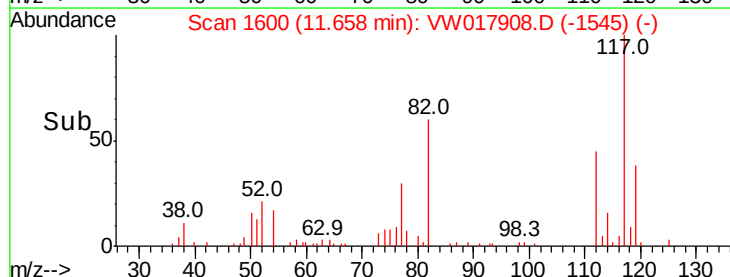
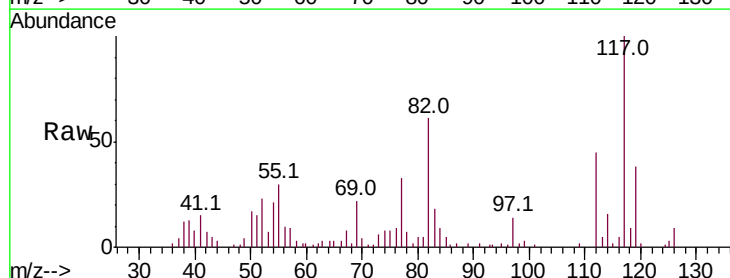
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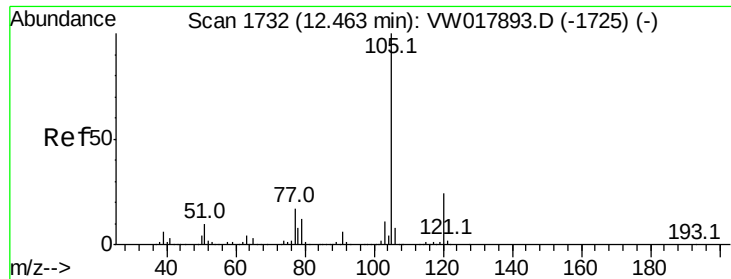
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#52
Chlorobenzene
Concen: 0.684 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW017908.D
Acq: 15 Jan 2021 19:19

Tgt Ion	Ratio	Lower	Upper
112	100		
77	73.8	42.6	64.0#
114	34.4	21.6	40.2





#57

Isopropylbenzene

Concen: 1.168 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW017908.D

Acq: 15 Jan 2021 19:19

Instrument :

MSVOA_W

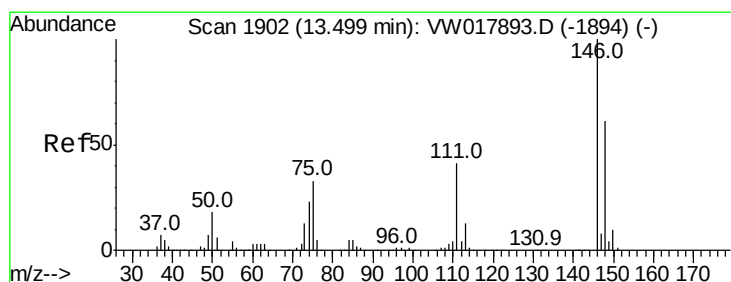
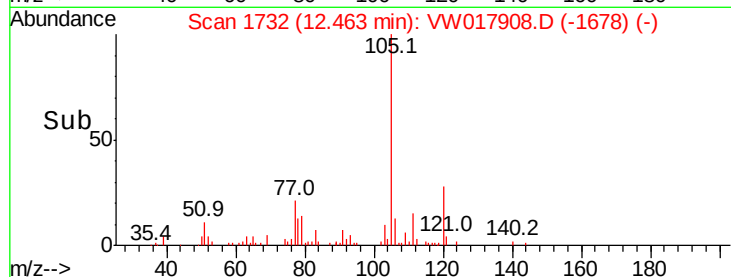
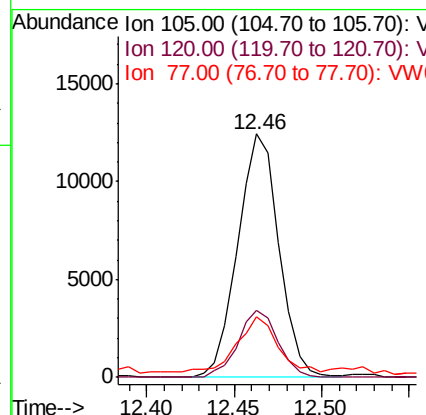
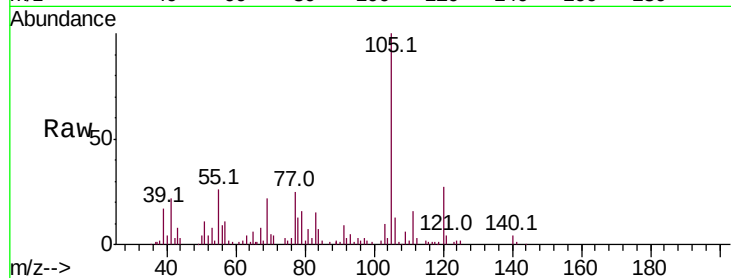
ClientSampled :

F1C15

Tot Ion:	105	Resp:	20278
Ion Ratio	Lower	Upper	
105	100		
120	26.6	21.4	32.2
77	22.9	12.1	18.1#

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#63

1,3-Dichlorobenzene

Concen: 12.274 ug/L

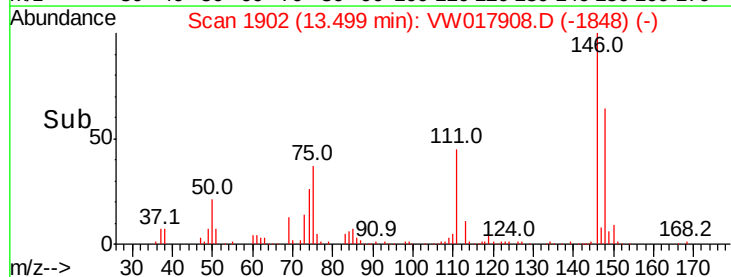
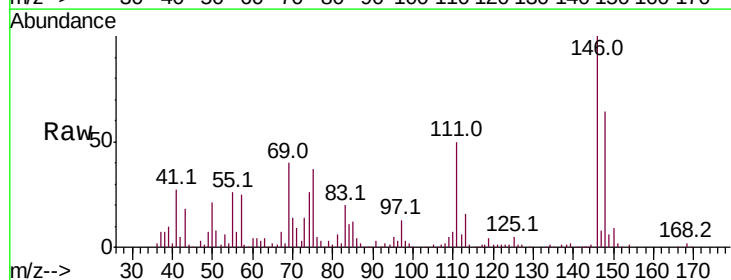
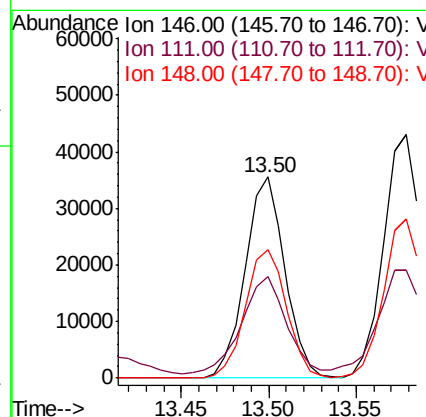
RT: 13.50 min Scan# 1902

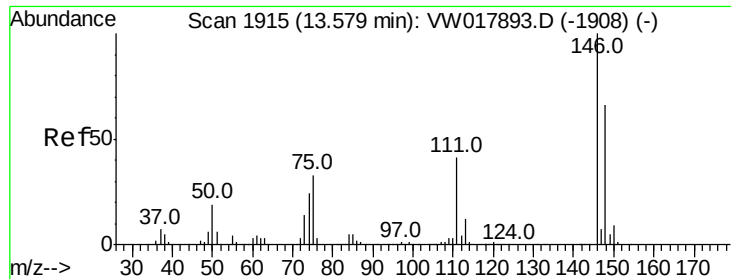
Delta R.T. -0.00 min

Lab File: VW017908.D

Acq: 15 Jan 2021 19:19

Tgt Ion:	146	Resp:	56317
Ion Ratio	Lower	Upper	
146	100		
111	50.2	28.5	52.9
148	64.0	47.8	88.8





#64
 1,4-Dichlorobenzene
 Concen: 14.656 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW017908.D
 Acq: 15 Jan 2021 19:19

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C15

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	27.7	51.5
148	65.5	47.0	87.2

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