

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092820\
 Data File : VW016666.D
 Acq On : 28 Sep 2020 13:49
 Operator : SY/VA
 Sample : L4171-06
 Misc : 6.08G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y8

Manual Integrations
 APPROVED

MMDadoda
 9/30/2020 1:23:53 PM

Quant Time: Sep 29 06:17:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 05:26:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	727757	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	642600	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	300469	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	147923	21.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.00%
7) Chloroethane-d5	2.90	69	136478	23.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.92%
10) 1,1-Dichloroethene-d2	4.03	63	251509	15.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.88%
20) 2-Butanone-d5	7.09	46	82371	42.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.78%
24) Chloroform-d	7.65	84	381078	25.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.12%
26) 1,2-Dichloroethane-d4	8.31	65	194990	24.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.80%
29) Benzene-d6	8.28	84	740564	25.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.80%
33) 1,2-Dichloropropane-d6	9.28	67	209648	26.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.36%
37) Toluene-d8	10.33	98	712034	25.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.44%
38) trans-1,3-Dichloropropene-	10.58	79	91381	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.84%
39) 2-Hexanone-d5	10.93	63	67311	47.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155872	23.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	244130	25.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.72%

Target Compounds

					Ovalue
13) Acetone	4.14	43	20415	13.570 ug/L	98
16) Methylene chloride	4.93	84	21514	1.917 ug/L	95
21) 2-Butanone	7.16	43	12279m	4.798 ug/L	
52) Chlorobenzene	11.66	112	37781	1.452 ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	577942	29.572 ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	219952	11.492 ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	34173	1.957 ug/L	93
68) 1,2,4-trichlorobenzene	15.13	180	2545638	220.164 ug/L	98

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

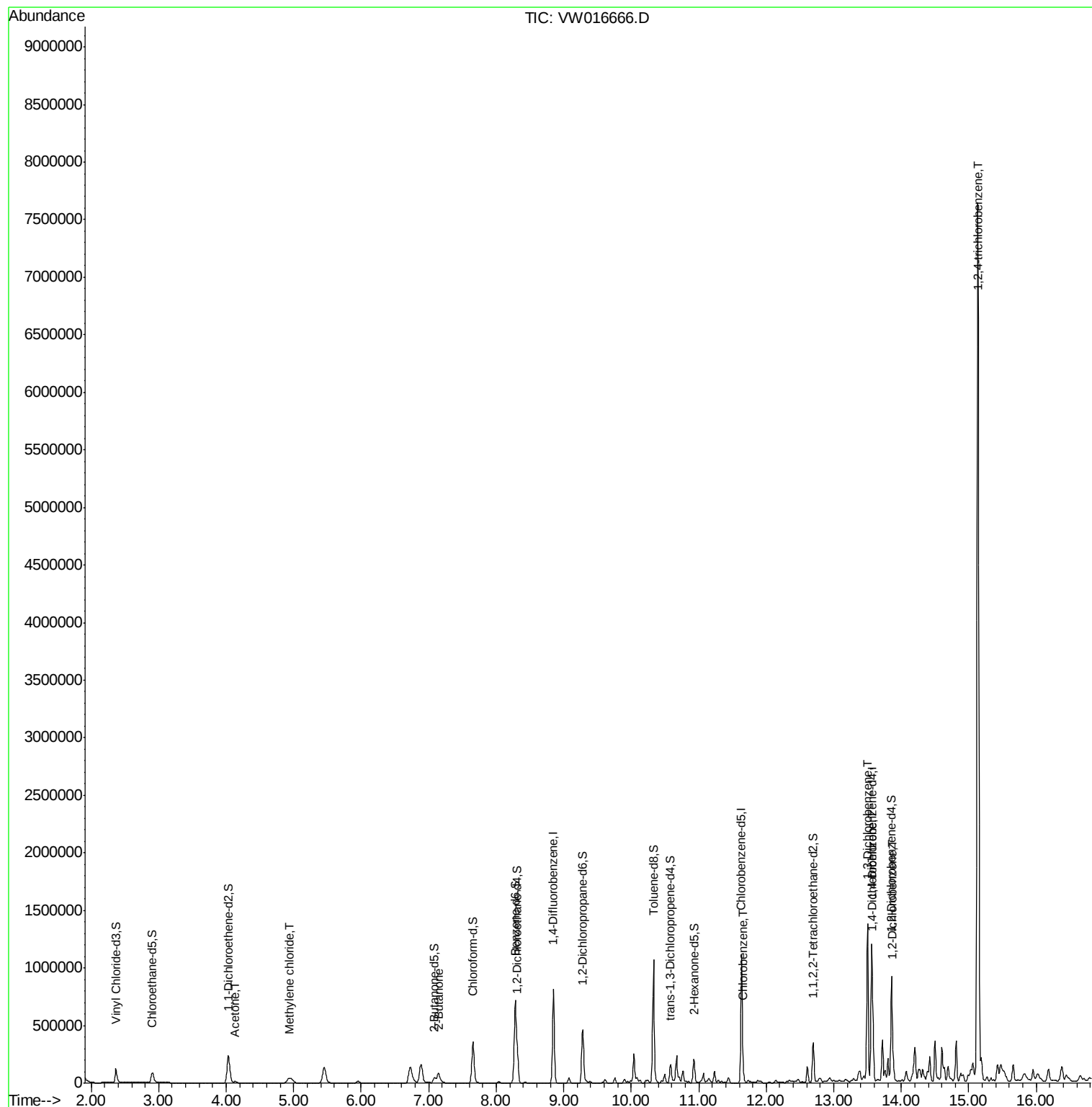
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016666.D
Acq On : 28 Sep 2020 13:49
Operator : SY/VA
Sample : L4171-06
Misc : 6.08G/10ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

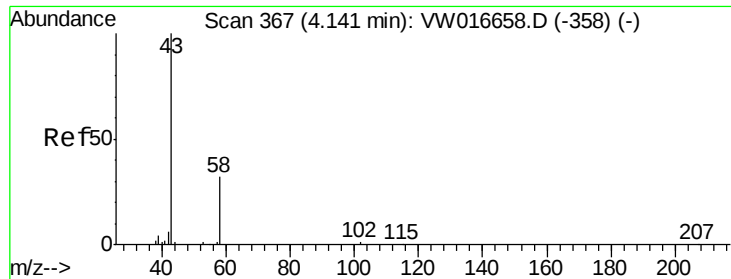
Instrument :
MSVOA_W
ClientSampleId :
BG3Y8

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
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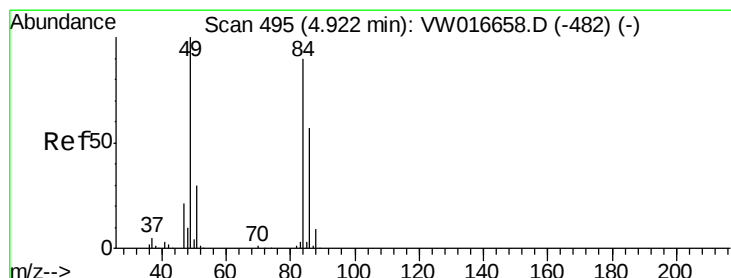
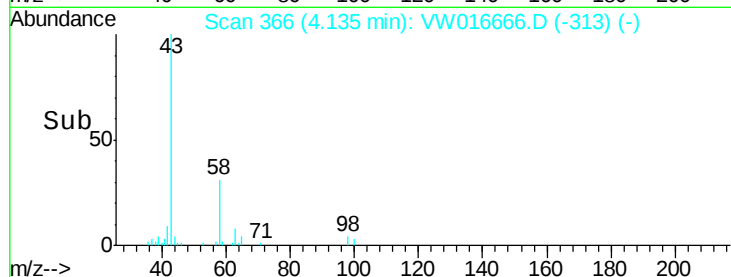
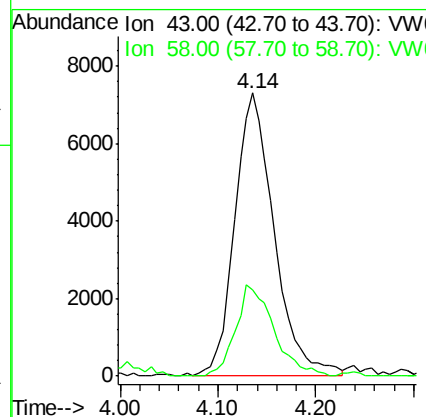
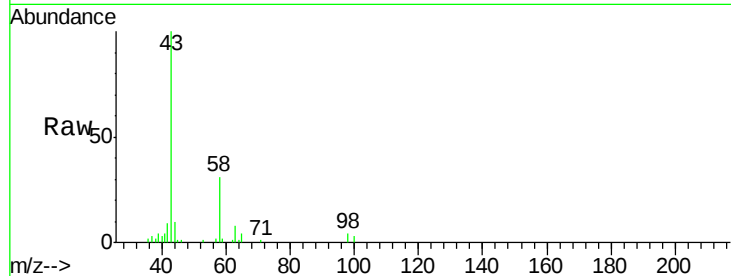
#13
Acetone
Concen: 13.570 ug/L
RT: 4.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW016666.D
Acq: 28 Sep 2020 13:49

Instrument :
MSVOA_W
ClientSampleId :
BG3Y8

Tot Ion	Ratio	Lower	Upper
43	100		
58	31.2	0.0	60.2

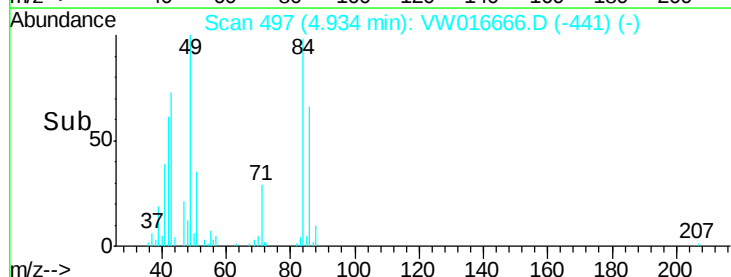
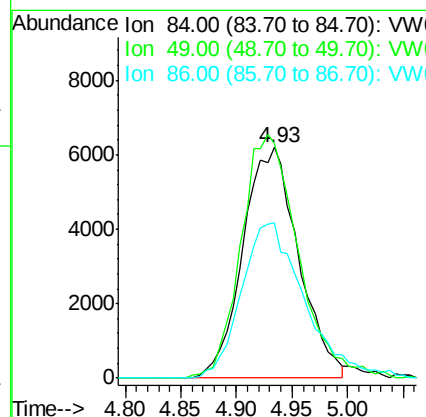
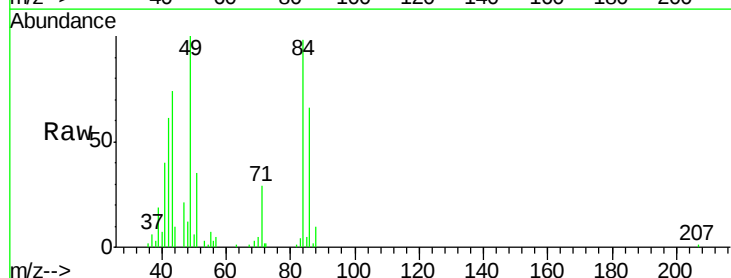
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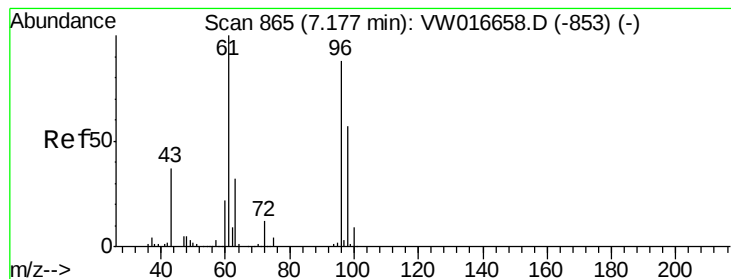
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#16
Methylene chloride
Concen: 1.917 ug/L
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW016666.D
Acq: 28 Sep 2020 13:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	102.2	76.0	141.2
86	67.6	45.6	84.6





#21

2-Butanone

Concen: 4.798 ug/L m

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW016666.D

Acq: 28 Sep 2020 13:49

Instrument :

MSVOA_W

ClientSampleId :

BG3Y8

Tot Ion: 43 Resp: 12279

Ion Ratio Lower Upper

43 100

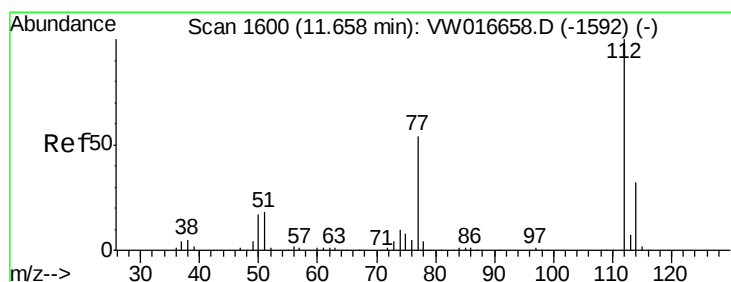
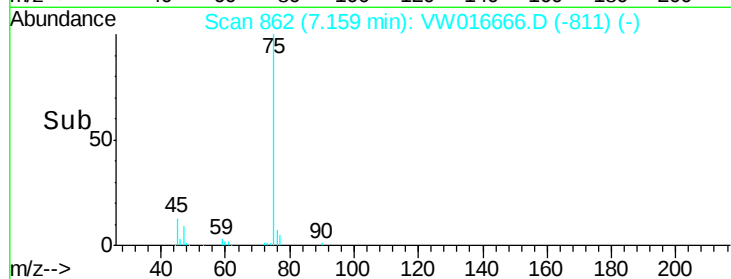
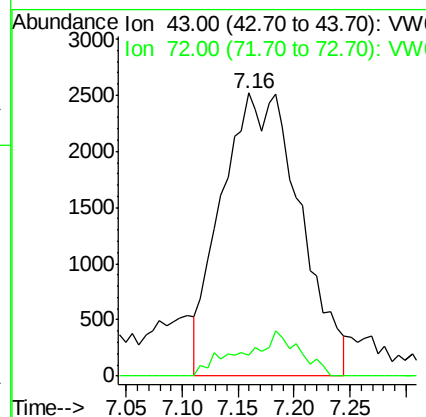
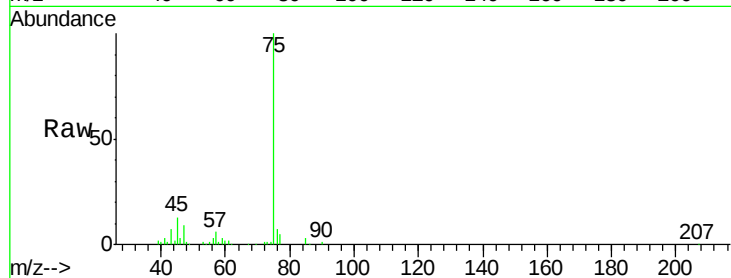
72 3.0 14.6 43.8#

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#52

Chlorobenzene

Concen: 1.452 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW016666.D

Acq: 28 Sep 2020 13:49

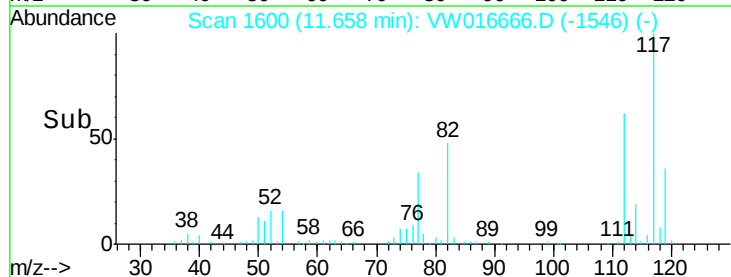
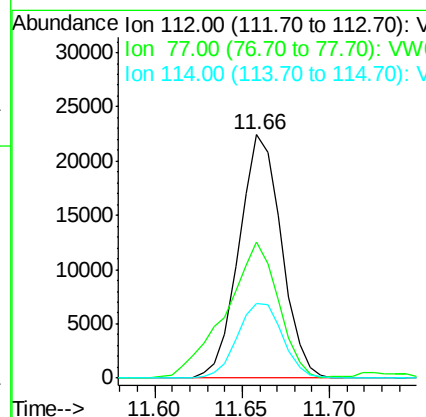
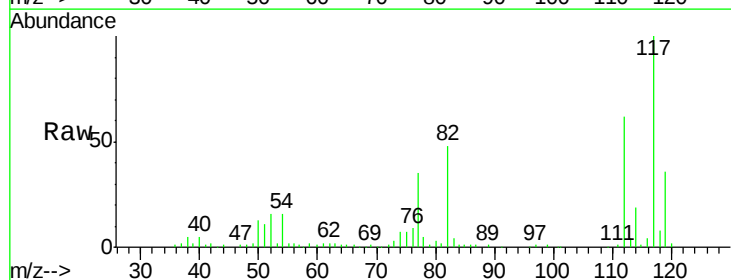
Tgt Ion: 112 Resp: 37781

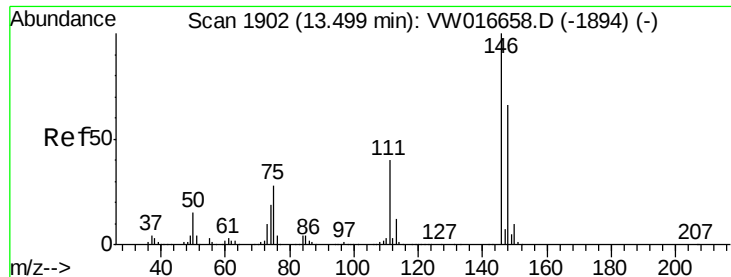
Ion Ratio Lower Upper

112 100

77 55.8 43.1 64.7

114 30.8 22.3 41.3





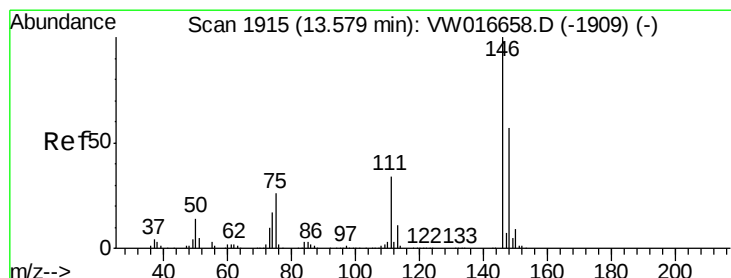
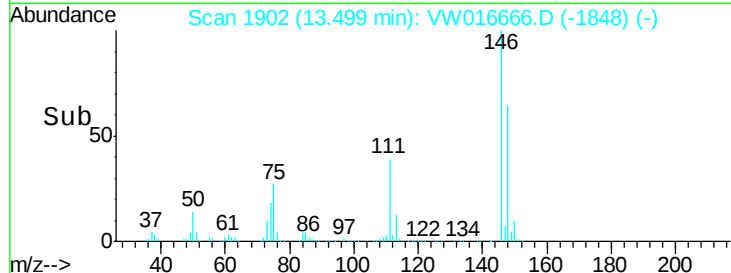
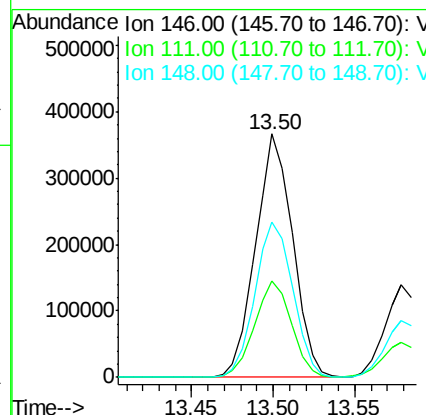
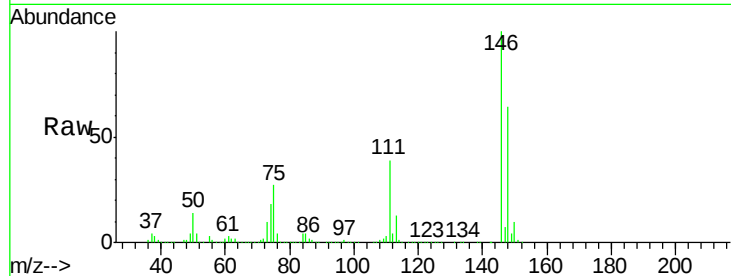
#63
 1,3-Dichlorobenzene
 Concen: 29.572 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016666.D
 Acq: 28 Sep 2020 13:49

Instrument :
 MSVOA_W
 ClientSampled :
 BG3Y8

Tot Ion	Ratio	Resp	Lower	Upper
146	100	577942		
111	39.4	25.0	46.4	
148	63.8	44.0	81.8	

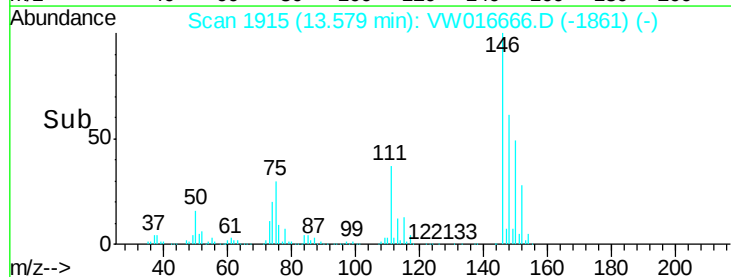
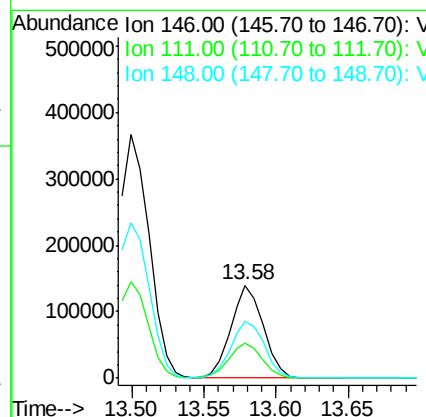
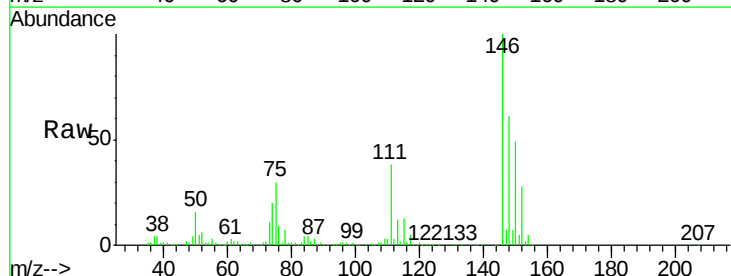
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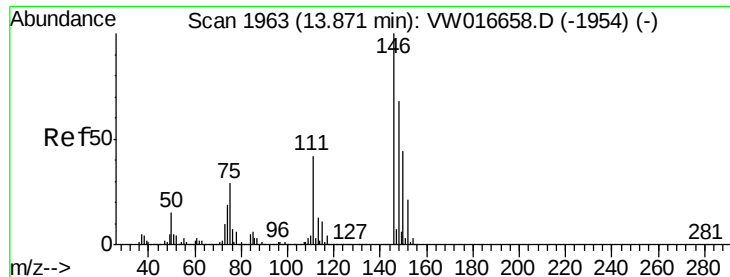
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#64
 1,4-Dichlorobenzene
 Concen: 11.492 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016666.D
 Acq: 28 Sep 2020 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	219952		
111	37.8	25.1	46.5	
148	61.5	42.3	78.5	





#65

1,2-Dichlorobenzene

Concen: 1.957 ug/L

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW016666.D

Acq: 28 Sep 2020 13:49

Instrument :

MSVOA_W

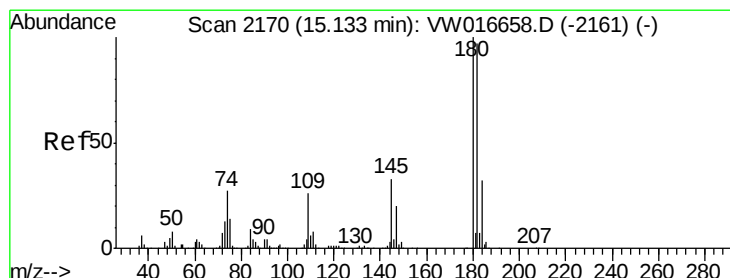
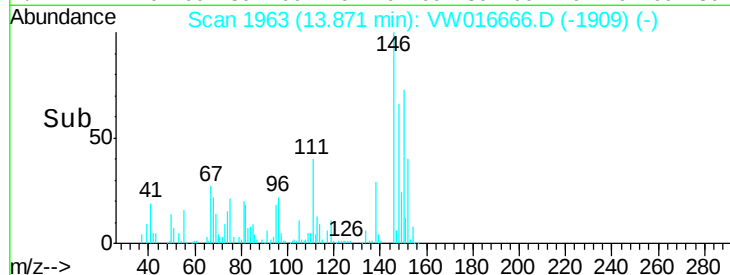
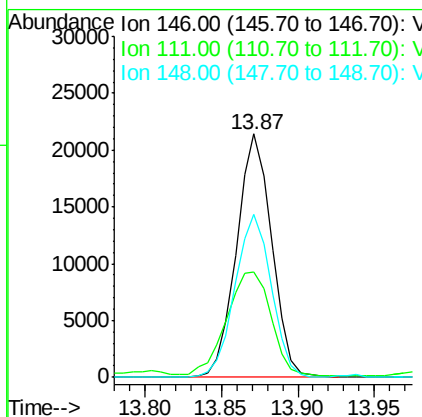
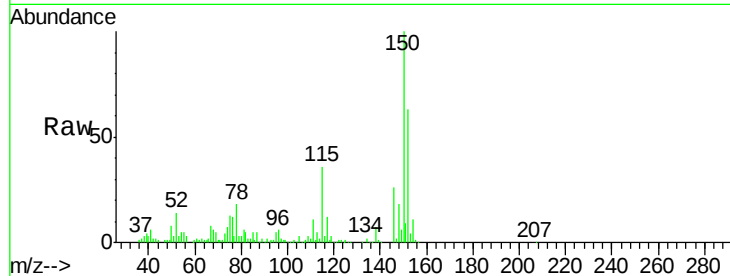
ClientSampleId :

BG3Y8

Tot Ion:	146	Resp:	34173
Ion Ratio	Lower	Upper	
146	100		
111	43.4	31.4	47.0
148	67.0	49.3	73.9

Manual Integrations
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#68

1,2,4-trichlorobenzene

Concen: 220.164 ug/L

RT: 15.13 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VW016666.D

Acq: 28 Sep 2020 13:49

Tgt Ion:	180	Resp:	2545638
Ion Ratio	Lower	Upper	
180	100		
182	93.3	74.5	111.7
145	32.4	23.1	34.7

