

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092920\
 Data File : VW016683.D
 Acq On : 29 Sep 2020 11:29
 Operator : SY/VA
 Sample : L4171-03RE
 Misc : 6.21G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y0RE

Manual Integrations
 APPROVED

MMDadoda
 10/1/2020 2:43:01 PM

Quant Time: Sep 30 07:47:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 07:14:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	1006733	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	870240	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	400986	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	132293	13.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.32%
7) Chloroethane-d5	2.91	69	121250	15.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.96%
10) 1,1-Dichloroethene-d2	4.03	63	225435	10.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.40%#
20) 2-Butanone-d5	7.09	46	61237	23.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.10%
24) Chloroform-d	7.65	84	337974	16.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	64.20%
26) 1,2-Dichloroethane-d4	8.31	65	163792m	15.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	60.60%#
29) Benzene-d6	8.28	84	646585	16.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	66.28%
33) 1,2-Dichloropropane-d6	9.28	67	181393	17.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	68.60%#
37) Toluene-d8	10.33	98	629955	16.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.64%
38) trans-1,3-Dichloropropene-	10.58	79	74289	13.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	55.72%
39) 2-Hexanone-d5	10.93	63	50995	26.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122049	13.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	54.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	212891	16.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	66.48%#

Target Compounds

					Ovalue
13) Acetone	4.14	43	12687	6.096	ug/L 100
16) Methylene chloride	4.93	84	18583	1.197	ug/L 94
52) Chlorobenzene	11.66	112	74216	2.107	ug/L 96
53) Ethylbenzene	11.73	91	13688	0.230	ug/L 90
57) Isopropylbenzene	12.47	105	18232	0.299	ug/L # 85
63) 1,3-Dichlorobenzene	13.50	146	802603	30.773	ug/L 96
64) 1,4-Dichlorobenzene	13.58	146	218186	8.542	ug/L 91
65) 1,2-Dichlorobenzene	13.87	146	42424	1.820	ug/L # 85
68) 1,2,4-trichlorobenzene	15.13	180	3209911	208.024	ug/L 95

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

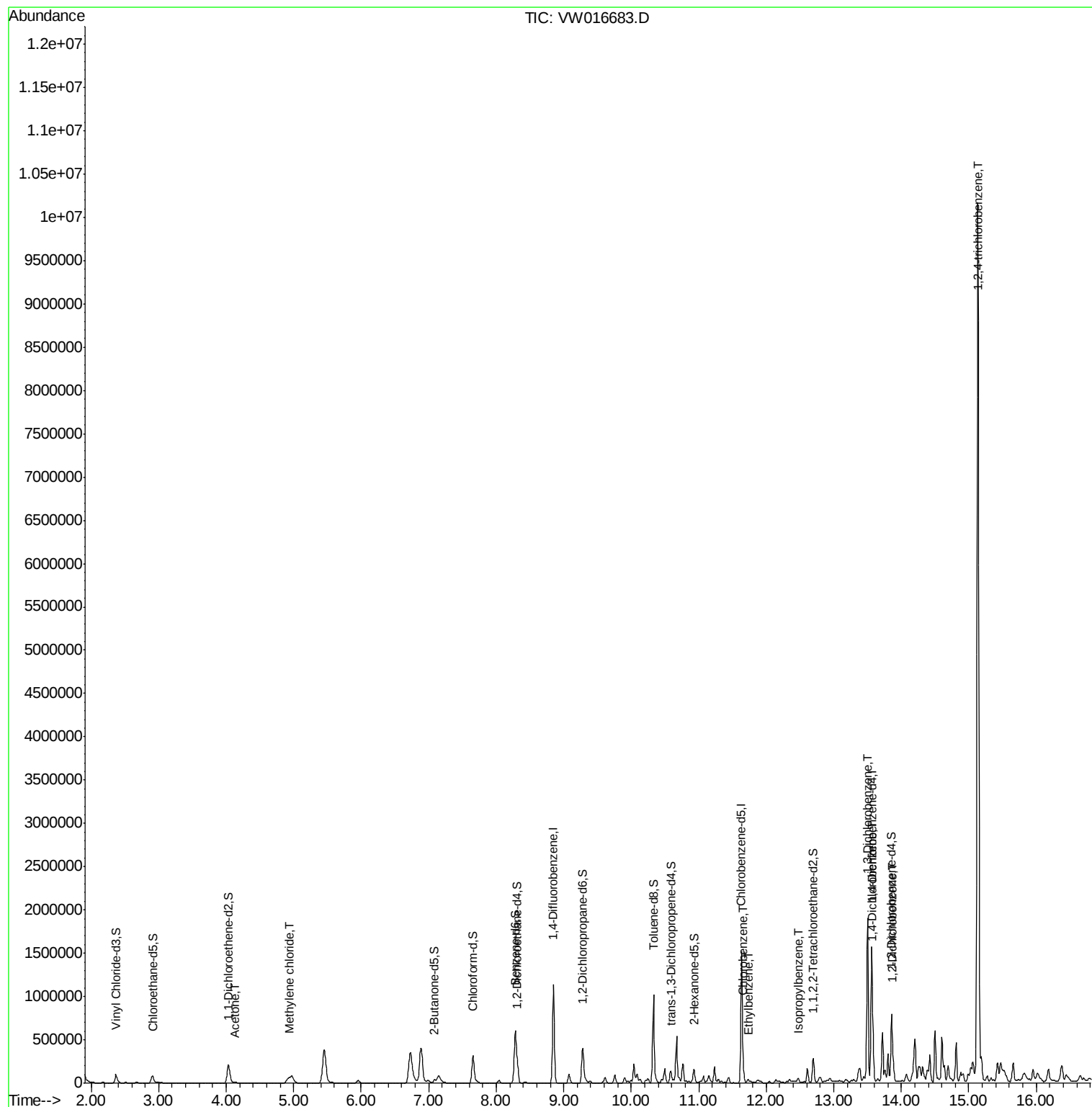
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

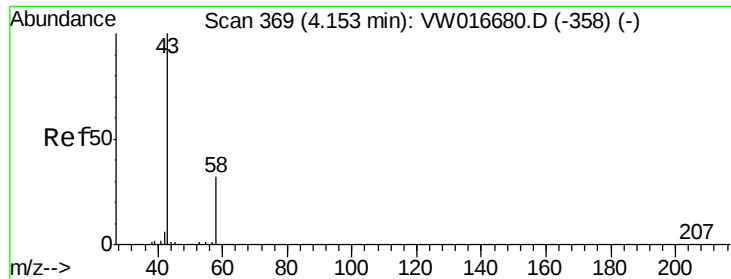
Instrument :
MSVOA_W
ClientSampleId :
BG3Y0RE

Manual Integrations
APPROVED

MMDadoda
10/1/2020 2:43:01 PM

Quant Time: Sep 30 07:47:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 30 07:14:58 2020
Response via : Initial Calibration





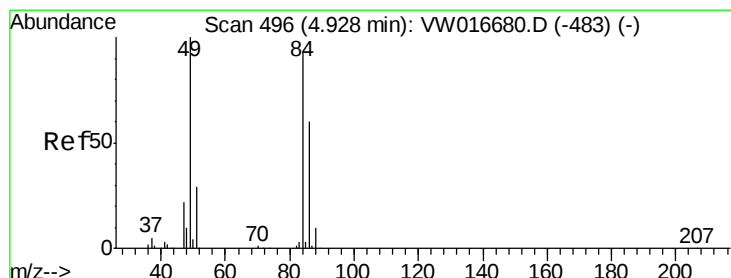
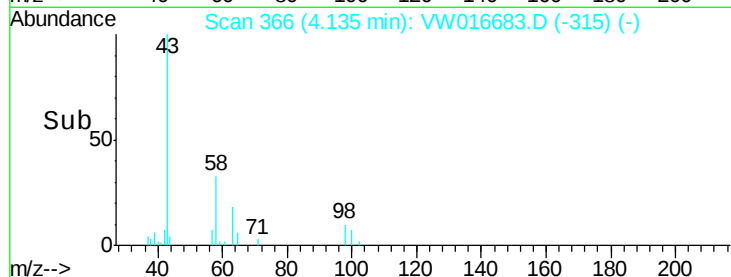
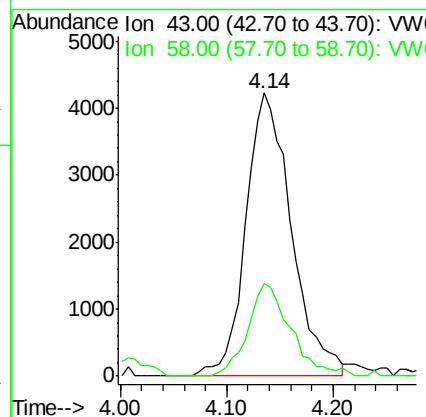
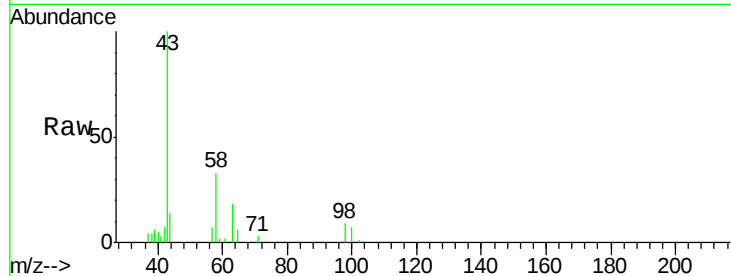
#13
Acetone
Concen: 6.096 ug/L
RT: 4.14 min Scan# 366
Delta R.T. -0.02 min
Lab File: VW016683.D
Acq: 29 Sep 2020 11:29

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0RE

Tot Ion	Ratio	Lower	Upper
43	100		
58	30.2	0.0	60.2

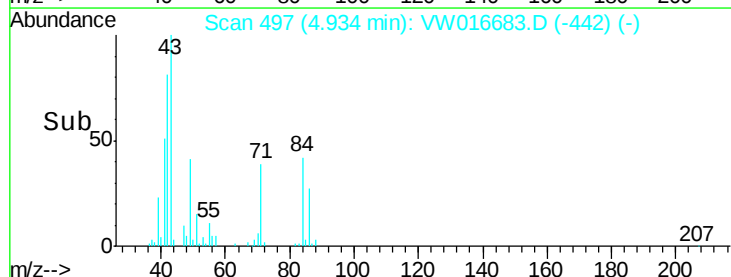
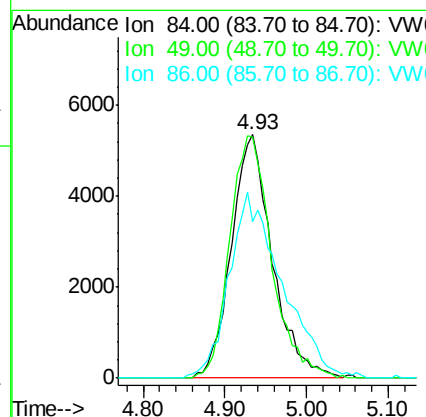
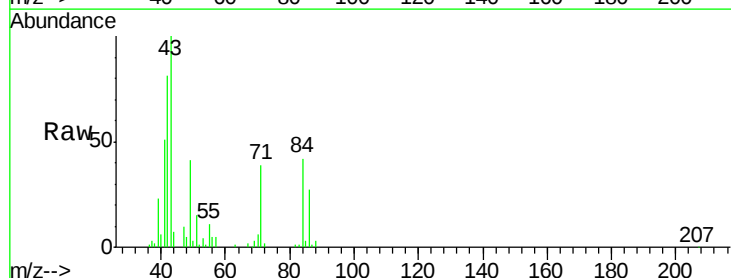
Manual Integrations
APPROVED

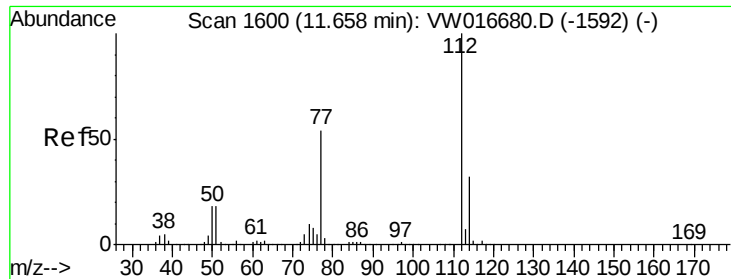
MMDadoda
10/1/2020 2:43:01 PM



#16
Methylene chloride
Concen: 1.197 ug/L
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW016683.D
Acq: 29 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	98.8	76.0	141.2
86	64.4	45.6	84.6





#52

Chlorobenzene

Concen: 2.107 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW016683.D

Acq: 29 Sep 2020 11:29

Instrument :

MSVOA_W

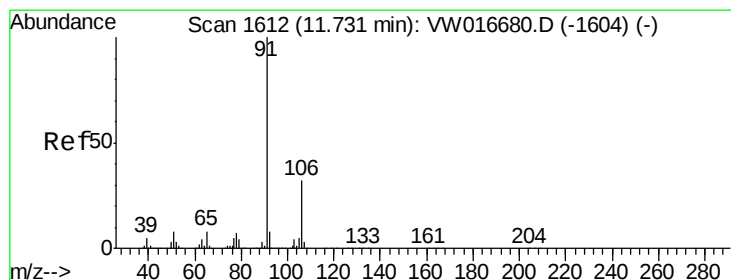
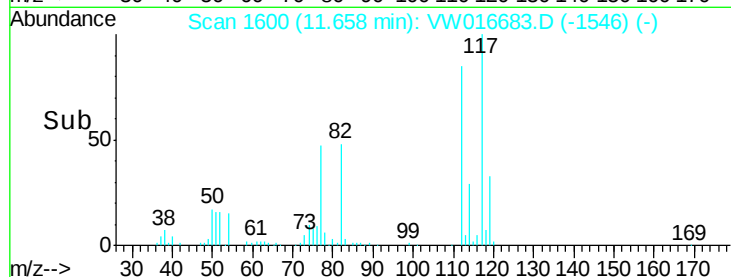
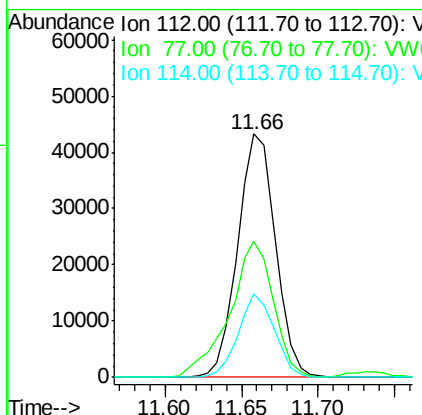
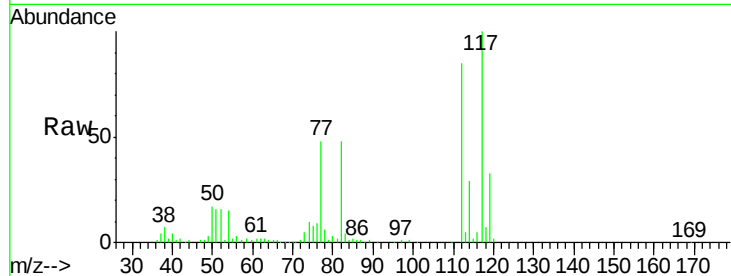
ClientSampleId :

BG3Y0RE

Tot Ion:	112	Resp:	74216
Ion Ratio	Lower	Upper	
112	100		
77	56.1	43.1	64.7
114	34.5	22.3	41.3

Manual Integrations
APPROVED

MMDadoda
10/1/2020 2:43:01 PM



#53

Ethylbenzene

Concen: 0.230 ug/L

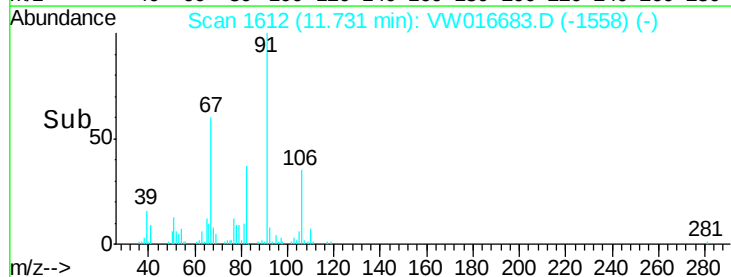
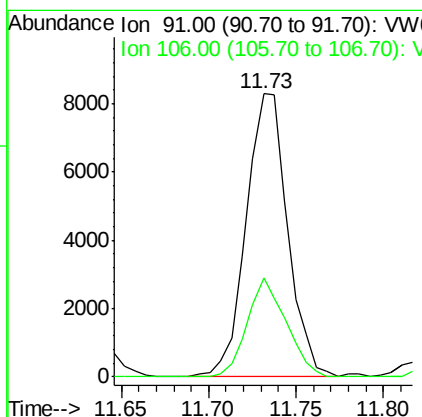
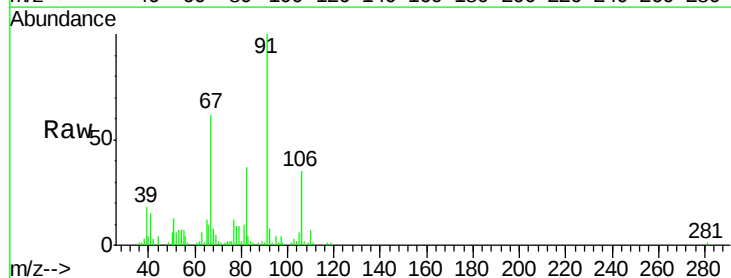
RT: 11.73 min Scan# 1612

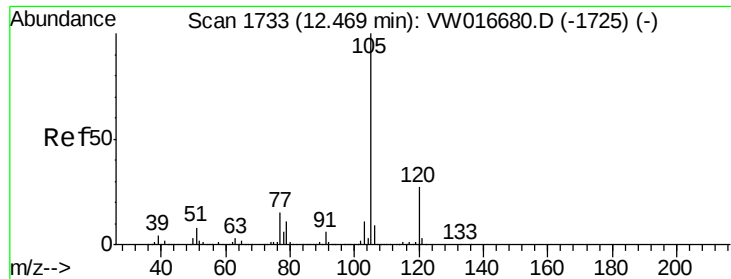
Delta R.T. 0.00 min

Lab File: VW016683.D

Acq: 29 Sep 2020 11:29

Tgt Ion:	91	Resp:	13688
Ion Ratio	Lower	Upper	
91	100		
106	35.2	20.7	38.5





#57

Isopropylbenzene

Concen: 0.299 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW016683.D

Acq: 29 Sep 2020 11:29

Instrument :

MSVOA_W

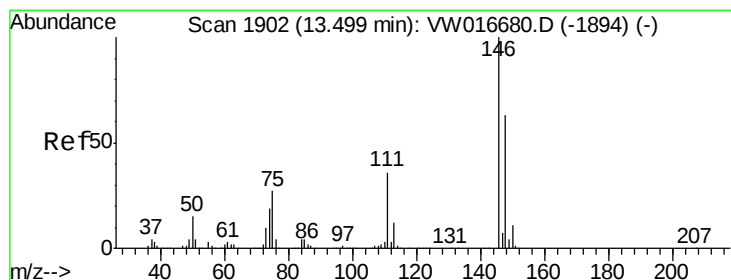
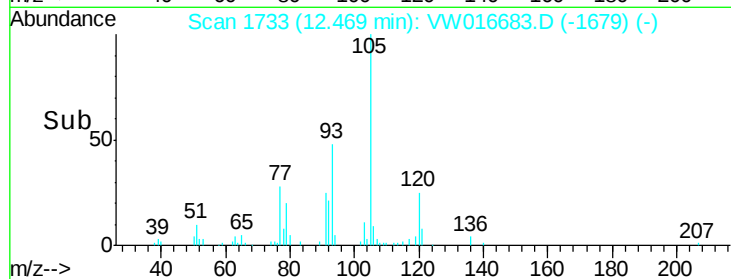
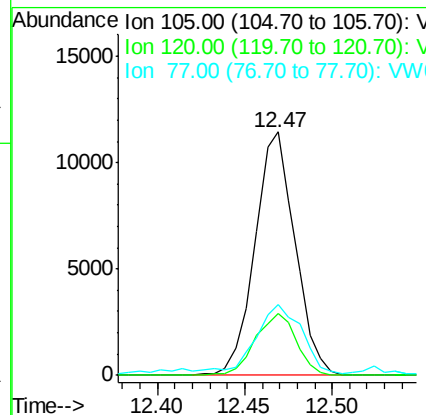
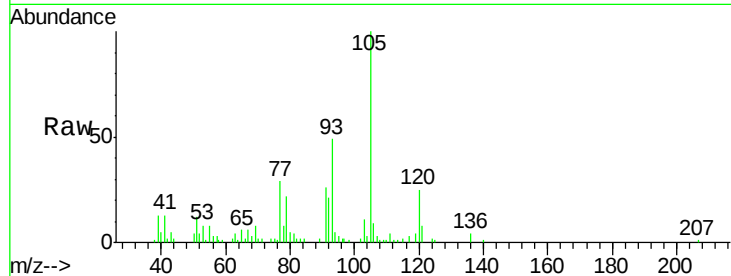
ClientSampled :

BG3Y0RE

Tot Ion:	105	Resp:	18232
Ion Ratio	Lower	Upper	
105	100		
120	26.0	21.8	32.8
77	31.3	12.2	18.2#

Manual Integrations
APPROVED

MMDadoda
10/1/2020 2:43:01 PM



#63

1,3-Dichlorobenzene

Concen: 30.773 ug/L

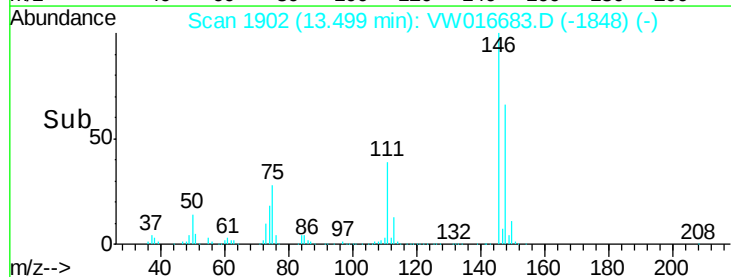
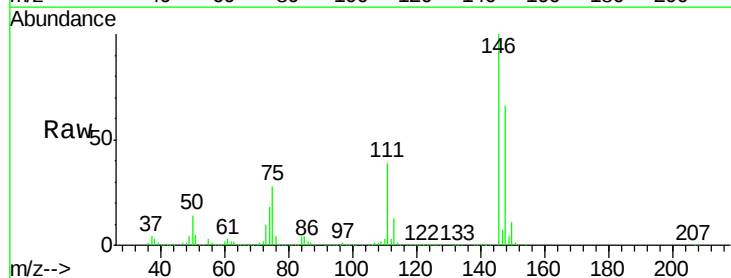
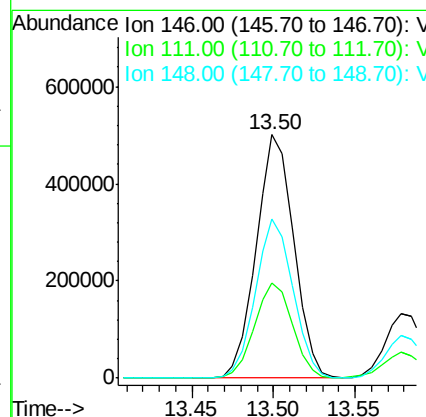
RT: 13.50 min Scan# 1902

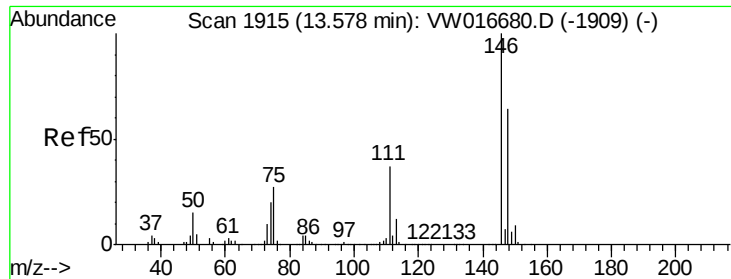
Delta R.T. 0.00 min

Lab File: VW016683.D

Acq: 29 Sep 2020 11:29

Tgt Ion:	146	Resp:	802603
Ion Ratio	Lower	Upper	
146	100		
111	39.3	25.0	46.4
148	65.5	44.0	81.8





#64

1,4-Dichlorobenzene

Concen: 8.542 ug/L

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW016683.D

Acq: 29 Sep 2020 11:29

Instrument :

MSVOA_W

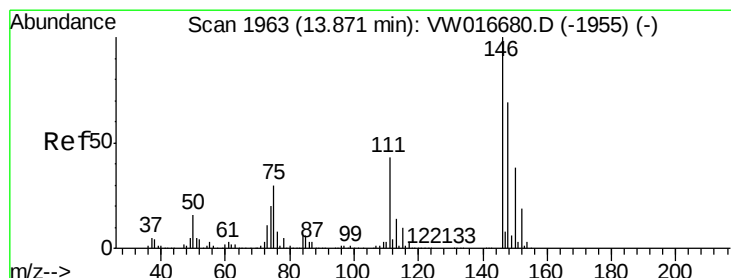
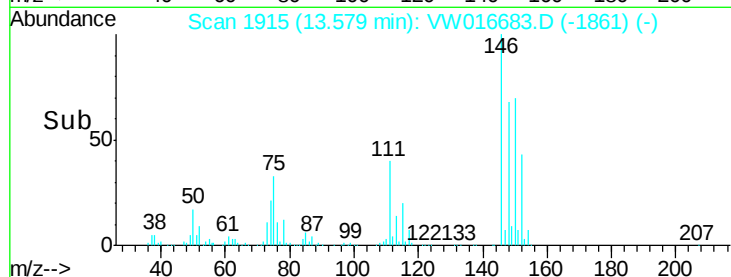
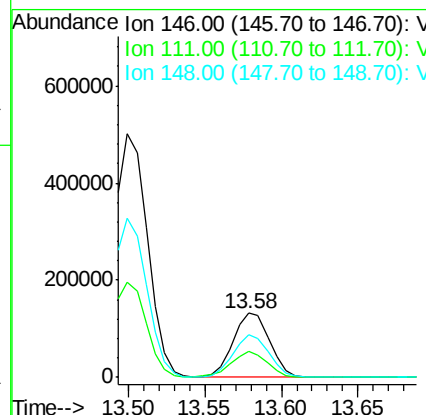
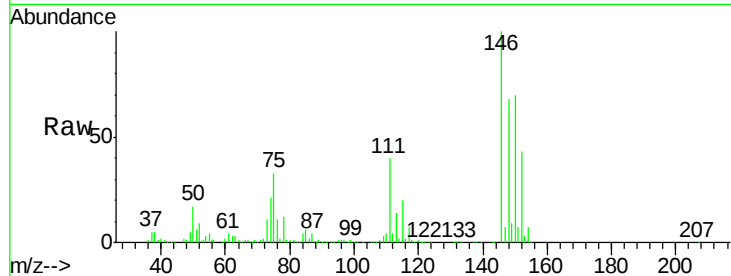
ClientSampled :

BG3Y0RE

Tot Ion:	146	Resp:	218186
Ion Ratio	Lower	Upper	
146	100		
111	40.1	25.1	46.5
148	67.6	42.3	78.5

Manual Integrations
APPROVED

MMDadoda
10/1/2020 2:43:01 PM



#65

1,2-Dichlorobenzene

Concen: 1.820 ug/L

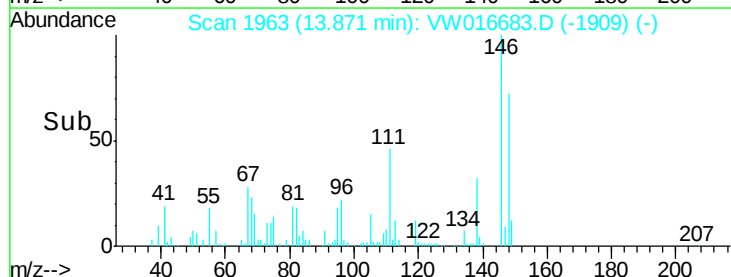
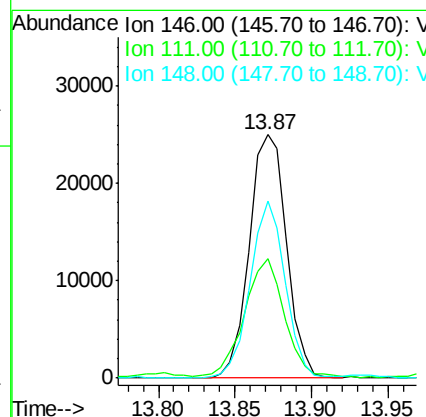
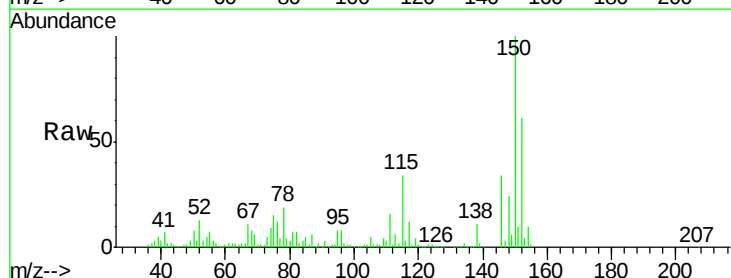
RT: 13.87 min Scan# 1963

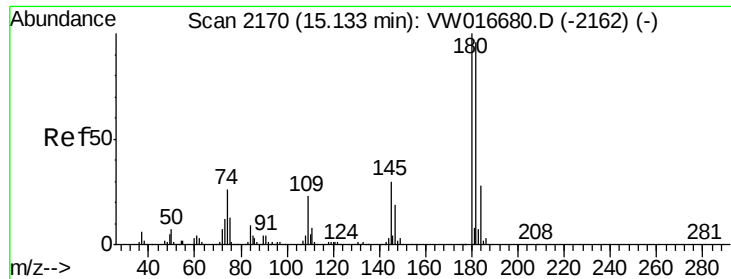
Delta R.T. 0.00 min

Lab File: VW016683.D

Acq: 29 Sep 2020 11:29

Tgt Ion:	146	Resp:	42424
Ion Ratio	Lower	Upper	
146	100		
111	49.0	31.4	47.0#
148	72.7	49.3	73.9





#68
 1,2,4-trichlorobenzene
 Concen: 208.024 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016683.D
 Acq: 29 Sep 2020 11:29

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y0RE

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	74.5	111.7
145	33.4	23.1	34.7

Manual Integrations
 APPROVED

MMDadoda
 10/1/2020 2:43:01 PM

