

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
 Data File : VW013858.D
 Acq On : 31 Oct 2019 15:33
 Operator : SY/VA
 Sample : K5596-21MS
 Misc : 6.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQC1MS

Manual Integrations
 APPROVED

MMDadoda
 11/1/2019 12:05:42 PM

Quant Time: Nov 01 03:44:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 02:10:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	287131	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	281452	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	142987	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	73531	16.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.28%
7) Chloroethane-d5	2.89	69	57626	16.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.40%
10) 1,1-Dichloroethene-d2	4.03	63	167074	19.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.40%
20) 2-Butanone-d5	7.07	46	65113	42.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.76%
24) Chloroform-d	7.65	84	163572	18.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.48%
26) 1,2-Dichloroethane-d4	8.30	65	93276	19.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.08%
29) Benzene-d6	8.27	84	335129	18.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.52%
33) 1,2-Dichloropropane-d6	9.27	67	106715	19.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.12%
37) Toluene-d8	10.32	98	308407	17.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.76%
38) trans-1,3-Dichloropropene-	10.58	79	42514	17.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.00%
39) 2-Hexanone-d5	10.93	63	53139	42.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99510	20.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	108956	19.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	109663	23.068	ug/L	88
13) Acetone	4.12	43	25746	17.907	ug/L	97
21) 2-Butanone	7.17	43	5306m	2.572	ug/L	
34) Benzene	8.32	78	503957	25.821	ug/L	100
35) Trichloroethene	9.09	95	127611	24.774	ug/L	99
44) Toluene	10.39	91	548535	26.029	ug/L	100
47) Tetrachloroethene	10.86	164	2654	0.574	ug/L	89
52) Chlorobenzene	11.66	112	339571	24.847	ug/L	99
54) m,p-Xylene	11.83	106	3392	0.373	ug/L	94

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

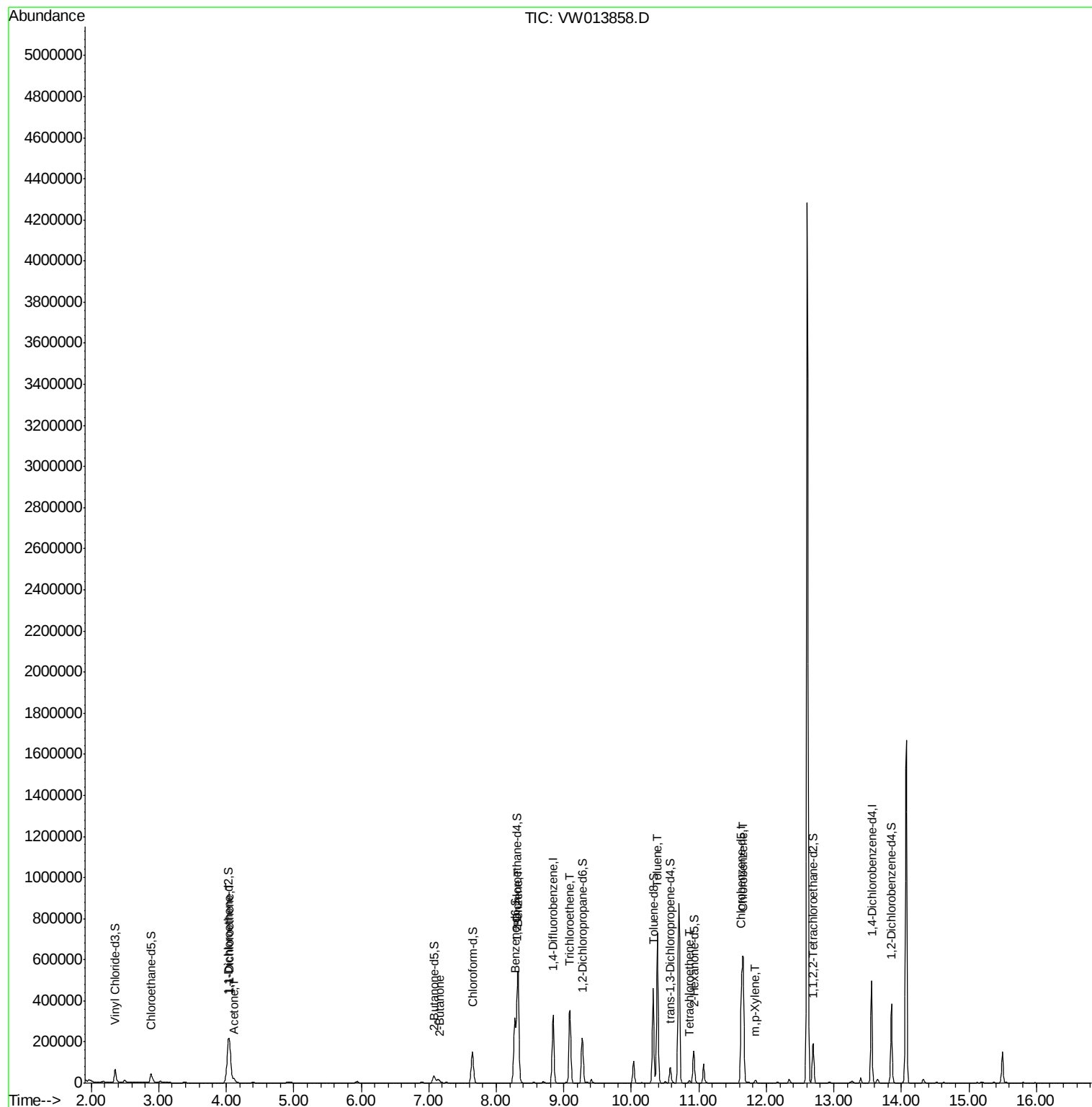
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
Data File : VW013858.D
Acq On : 31 Oct 2019 15:33
Operator : SY/VA
Sample : K5596-21MS
Misc : 6.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

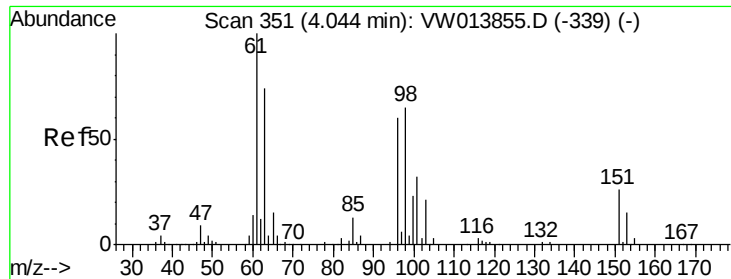
Instrument :
MSVOA_W
ClientSampleId :
GAQC1MS

Manual Integrations
APPROVED

MMDadoda
11/1/2019 12:05:42 PM

Quant Time: Nov 01 03:44:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 01 02:10:29 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 23.068 ug/L

RT: 4.04 min Scan# 351

Delta R.T. -0.00 min

Lab File: VW013858.D

Acq: 31 Oct 2019 15:33

Instrument :

MSVOA_W

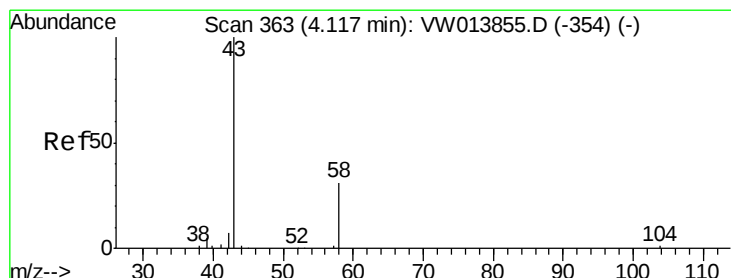
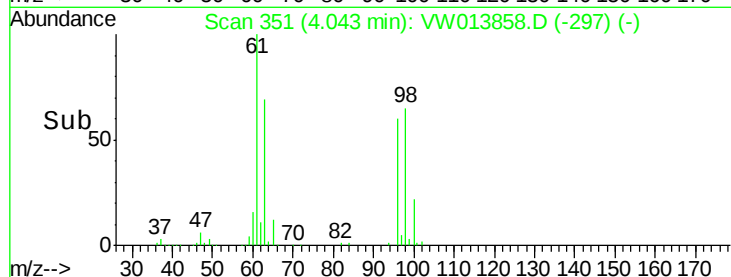
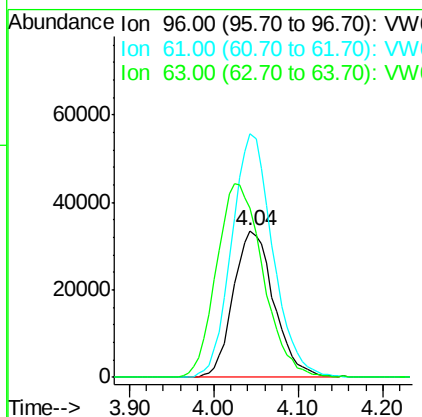
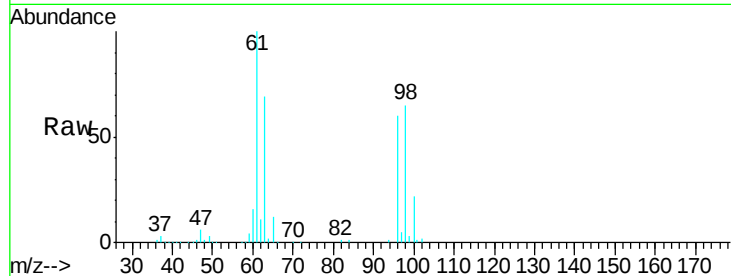
ClientSampleId :

GAQC1MS

Tgt Ion:	96	Resp:	109663
Ion Ratio	Lower	Upper	
96	100		
61	165.7	110.4	205.0
63	115.0	95.5	177.3

Manual Integrations
APPROVED

MMDadoda
11/1/2019 12:05:42 PM



#13

Acetone

Concen: 17.907 ug/L

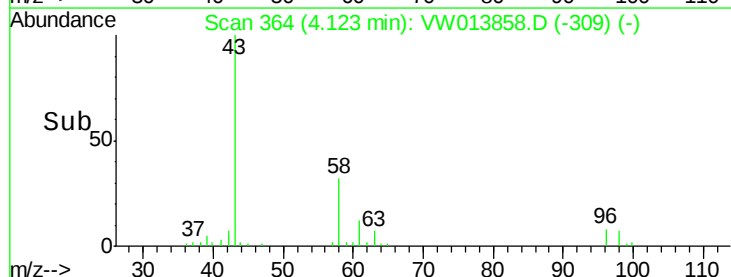
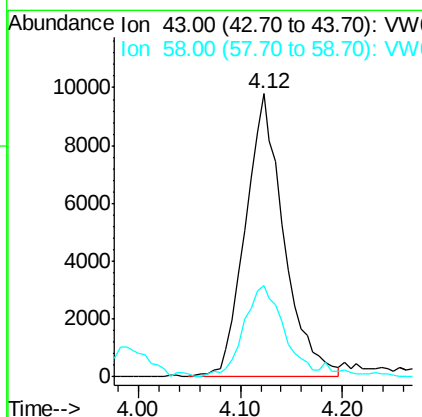
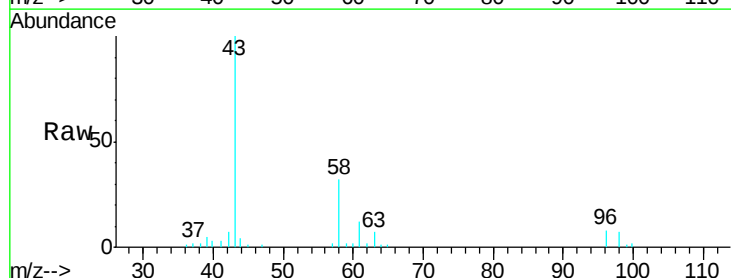
RT: 4.12 min Scan# 364

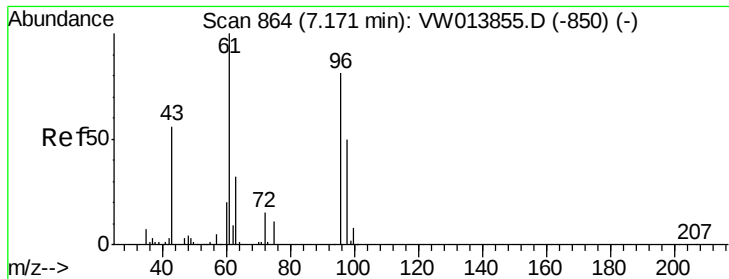
Delta R.T. 0.01 min

Lab File: VW013858.D

Acq: 31 Oct 2019 15:33

Tgt Ion:	43	Resp:	25746
Ion Ratio	Lower	Upper	
43	100		
58	33.2	0.0	63.4





#21

2-Butanone

Concen: 2.572 ug/L m

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW013858.D

Acq: 31 Oct 2019 15:33

Instrument :

MSVOA_W

ClientSampleId :

GAQC1MS

Tgt Ion: 43 Resp: 5306

Ion Ratio Lower Upper

43 100

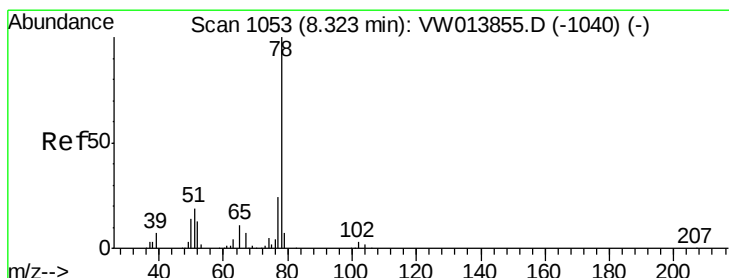
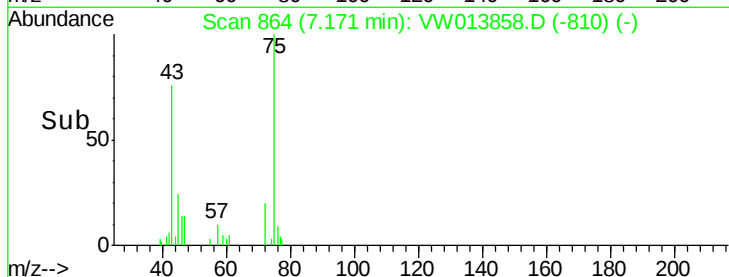
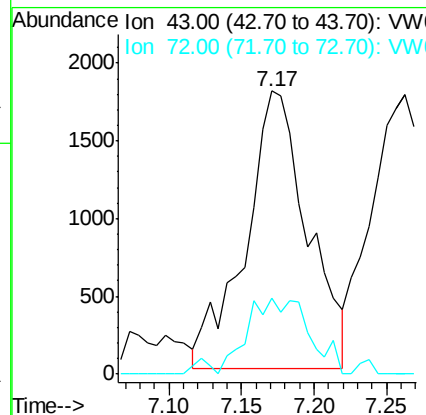
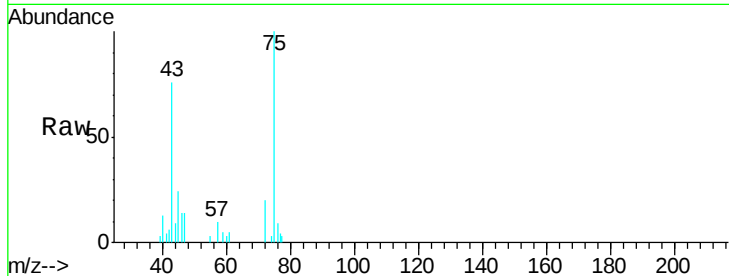
72 1.4 14.0 41.9#

Manual Integrations

APPROVED

MMDadoda

11/1/2019 12:05:42 PM



#34

Benzene

Concen: 25.821 ug/L

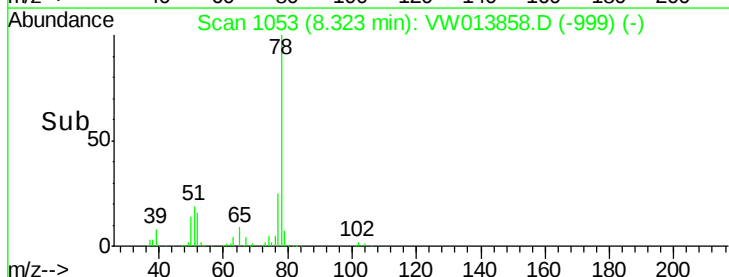
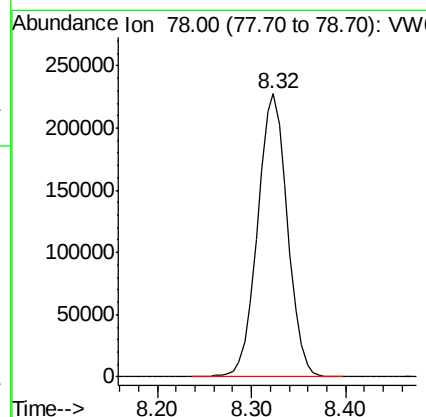
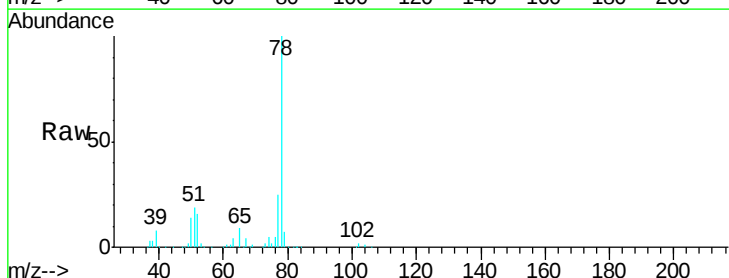
RT: 8.32 min Scan# 1053

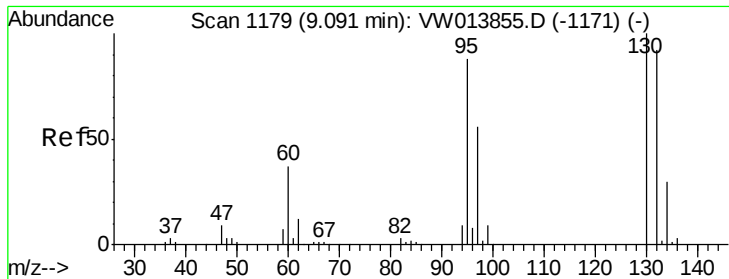
Delta R.T. -0.00 min

Lab File: VW013858.D

Acq: 31 Oct 2019 15:33

Tgt Ion: 78 Resp: 503957





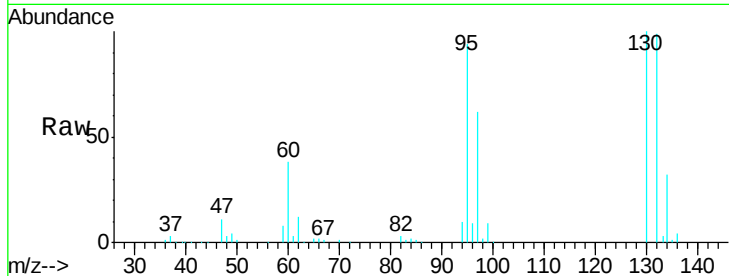
#35
 Trichloroethene
 Concen: 24.774 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW013858.D
 Acq: 31 Oct 2019 15:33

Instrument :
 MSVOA_W
 ClientSampled :
 GAQC1MS

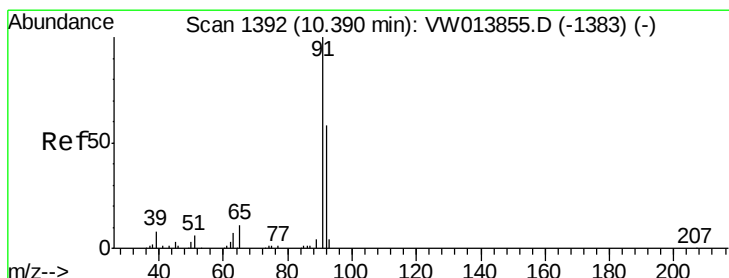
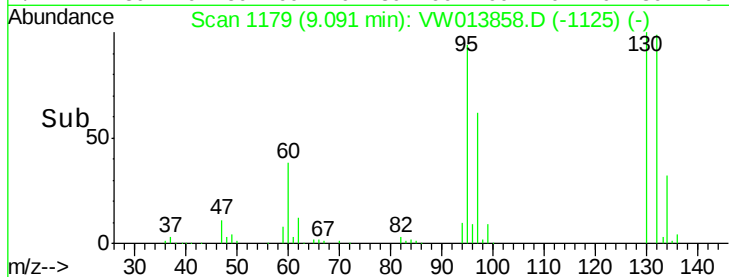
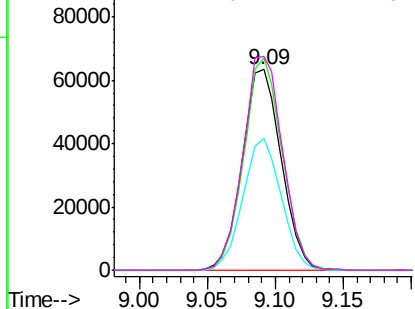
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		127611		
97	64.4	45.0	83.6		
132	104.1	72.4	134.4		
130	108.7	76.6	142.3		

Manual Integrations
 APPROVED

MMDadoda
 11/1/2019 12:05:42 PM

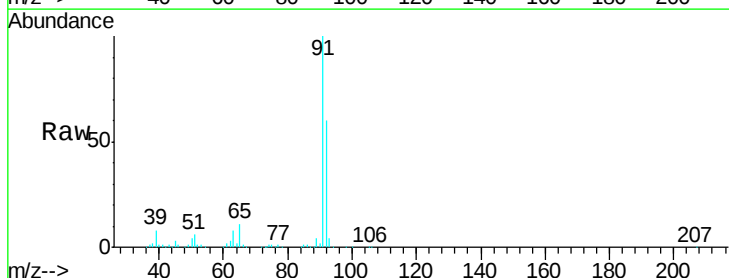


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

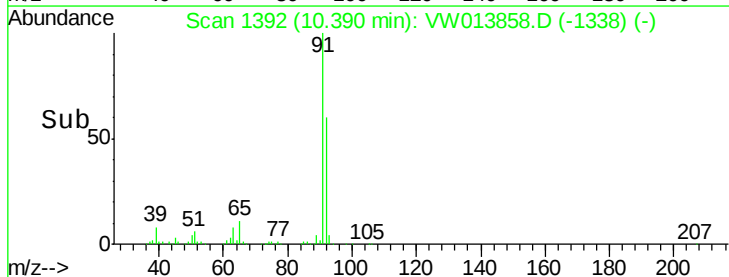
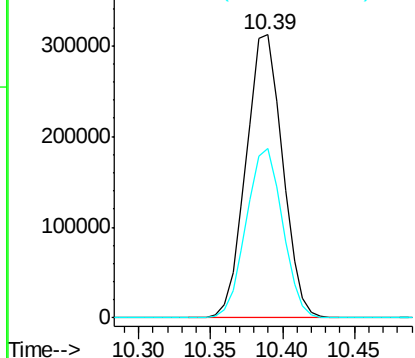


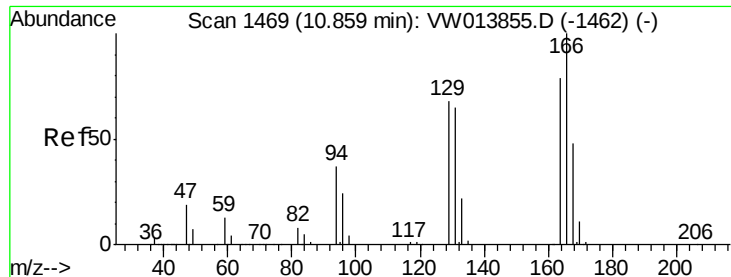
#44
 Toluene
 Concen: 26.029 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW013858.D
 Acq: 31 Oct 2019 15:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		548535		
92	59.8	42.0	78.0		



Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 92.00 (91.70 to 92.70): VW





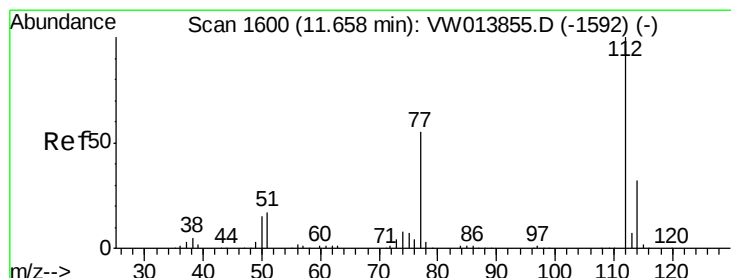
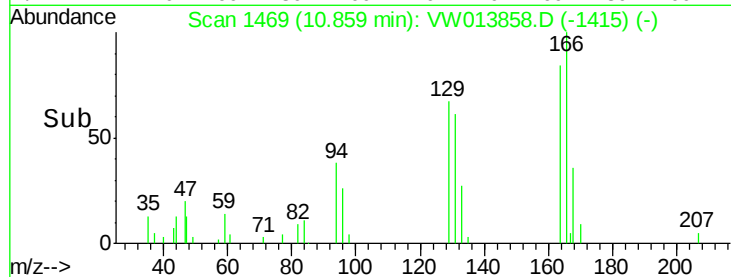
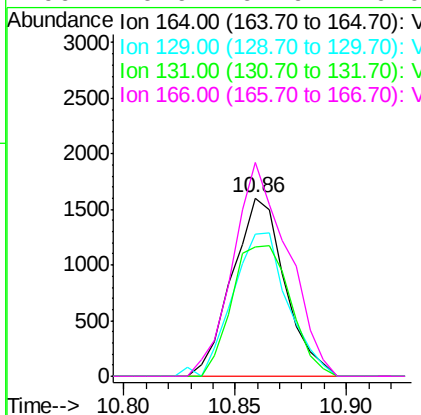
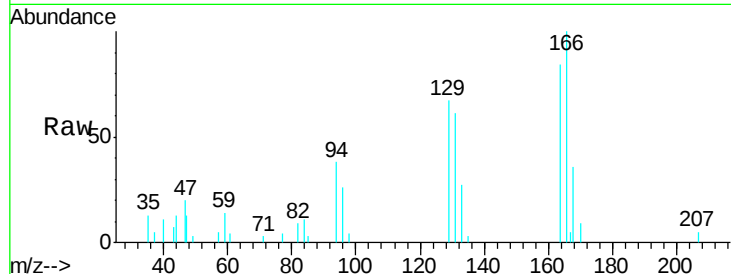
#47
Tetrachloroethene
 Concen: 0.574 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VW013858.D
 Acq: 31 Oct 2019 15:33

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQC1MS

Tgt Ion	Ratio	Lower	Upper
164	100		
129	79.6	62.5	116.1
131	72.5	59.8	111.0
166	119.6	91.6	170.0

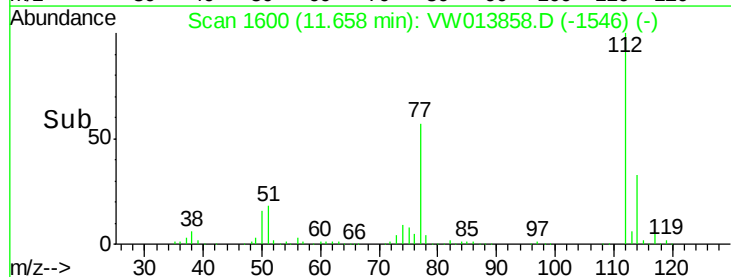
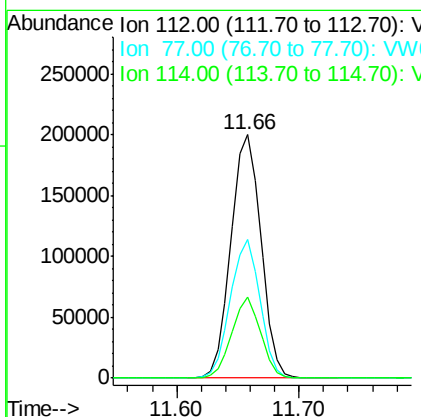
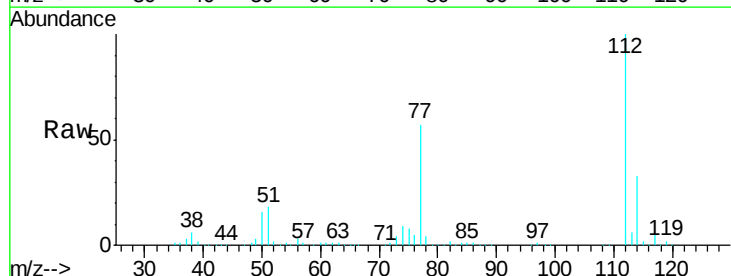
Manual Integrations
 APPROVED

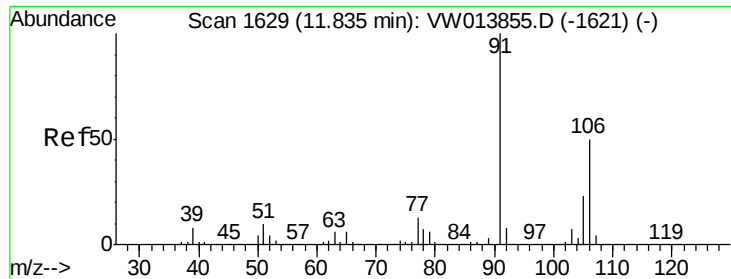
MMDadoda
 11/1/2019 12:05:42 PM



#52
Chlorobenzene
 Concen: 24.847 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VW013858.D
 Acq: 31 Oct 2019 15:33

Tgt Ion	Ratio	Lower	Upper
112	100		
77	57.0	44.7	67.1
114	33.2	23.1	42.9





#54
 m,p-Xylene
 Concen: 0.373 ug/L
 RT: 11.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VW013858.D
 Acq: 31 Oct 2019 15:33

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQC1MS

Tgt Ion:106 Resp: 3392
 Ion Ratio Lower Upper
 106 100
 91 204.2 136.6 253.8

Manual Integrations
 APPROVED

MMDadoda
 11/1/2019 12:05:42 PM

