

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009447.D
 Acq On : 26 Mar 2019 00:24
 Operator : SY/VA
 Sample : K2044-15
 Misc : 4.98G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5W4

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:15:12 PM

Quant Time: Mar 26 10:18:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	394458	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	335427	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	106014	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	82538	17.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.04%
7) Chloroethane-d5	2.89	69	94889	17.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.80%
10) 1,1-Dichloroethene-d2	4.01	63	134117m	13.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.64%
20) 2-Butanone-d5	7.07	46	113188	58.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.12%
24) Chloroform-d	7.65	84	227665	21.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	8.30	65	148348	22.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.52%
29) Benzene-d6	8.27	84	407179	22.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.04%
33) 1,2-Dichloropropane-d6	9.27	67	139745	25.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.60%
37) Toluene-d8	10.32	98	353253	20.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.60%
38) trans-1,3-Dichloropropene-	10.57	79	39655	14.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	56.84%
39) 2-Hexanone-d5	10.93	63	79519	59.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.18%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	114827	20.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	78755	19.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.48%

Target Compounds

					Ovalue
13) Acetone	4.12	43	47472	29.695	ug/L 97
14) Carbon disulfide	4.38	76	16428	1.257	ug/L 98
16) Methylene chloride	4.92	84	20031	3.482	ug/L 92
21) 2-Butanone	7.17	43	22656	10.264	ug/L 89
30) Cyclohexane	7.95	56	3451	0.453	ug/L # 73
47) Tetrachloroethene	10.86	164	1170	0.283	ug/L # 72
54) m,p-Xylene	11.84	106	2910	0.339	ug/L 88
57) Isopropylbenzene	12.46	105	7882	0.352	ug/L 98

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

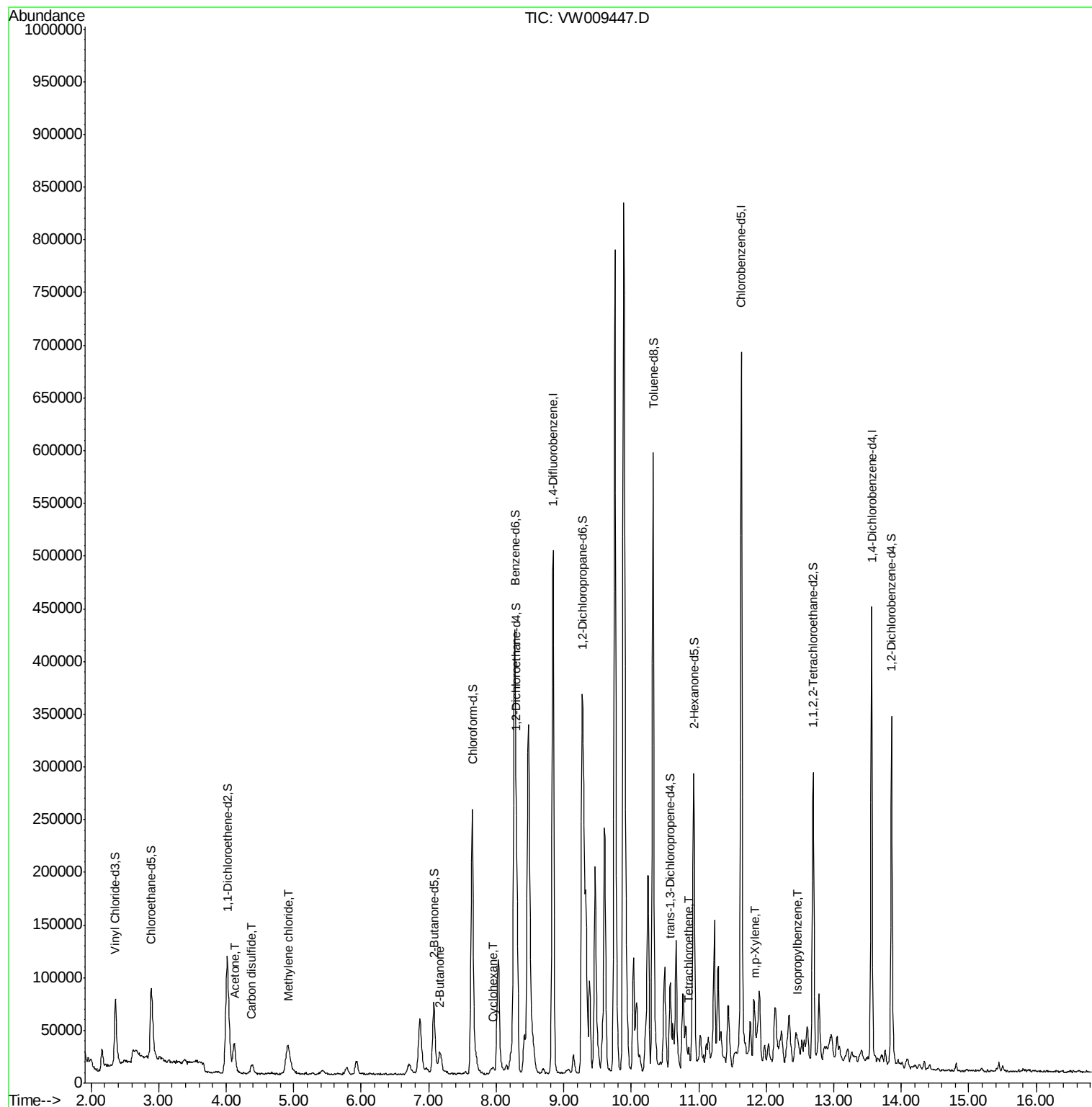
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032519\
Data File : VW009447.D
Acq On : 26 Mar 2019 00:24
Operator : SY/VA
Sample : K2044-15
Misc : 4.98G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

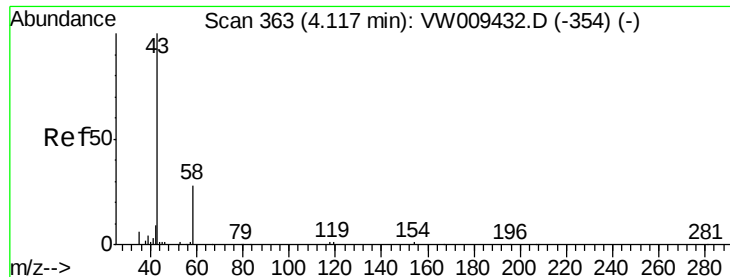
Instrument :
MSVOA_W
ClientSampleId :
BF5W4

Manual Integrations
APPROVED

MMDadoda
3/27/2019 12:15:12 PM

Quant Time: Mar 26 10:18:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 09:00:24 2019
Response via : Initial Calibration





#13

Acetone

Concen: 29.695 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009447.D

Acq: 26 Mar 2019 00:24

Instrument :

MSVOA_W

ClientSampleId :

BF5W4

Tot Ion: 43 Resp: 47472

Ion Ratio Lower Upper

43 100

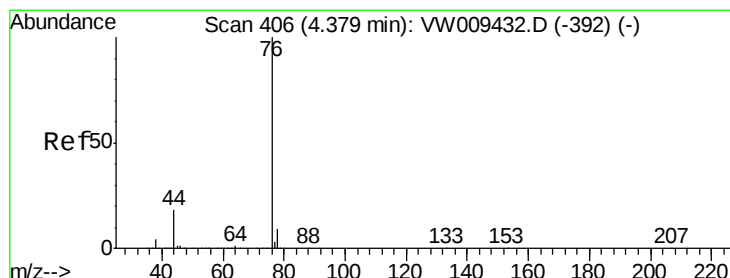
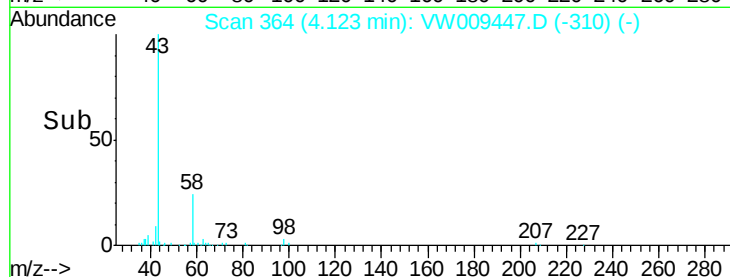
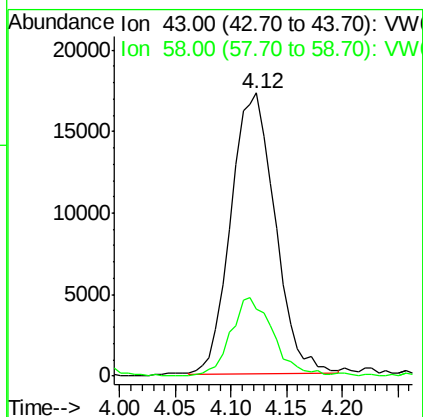
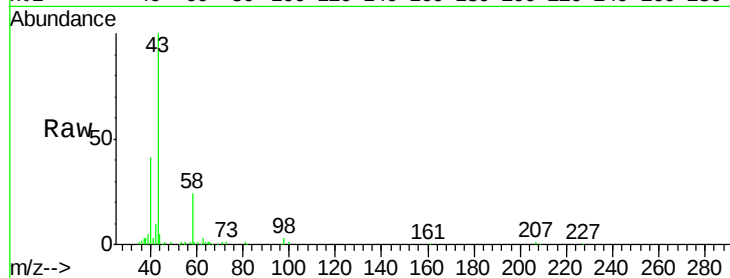
58 26.5 0.0 56.2

Manual Integrations

APPROVED

MMDadoda

3/27/2019 12:15:12 PM



#14

Carbon disulfide

Concen: 1.257 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW009447.D

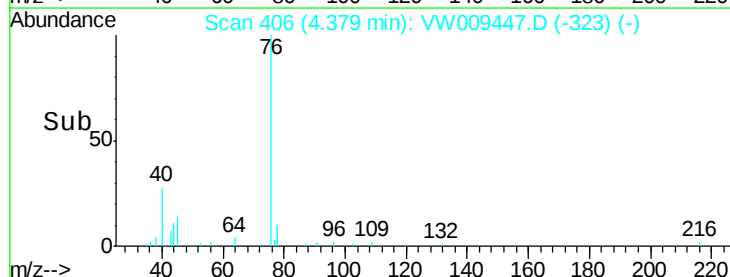
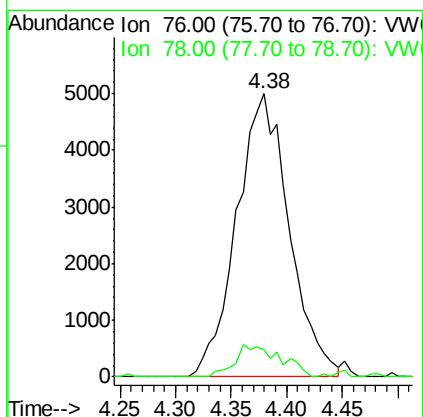
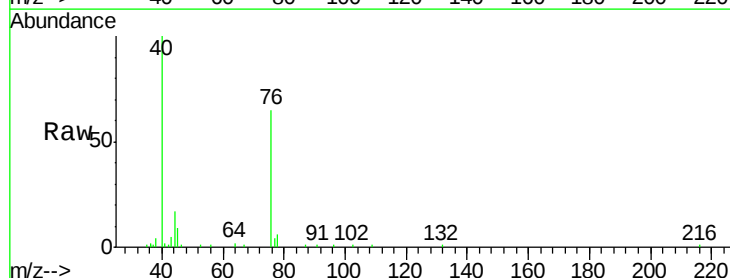
Acq: 26 Mar 2019 00:24

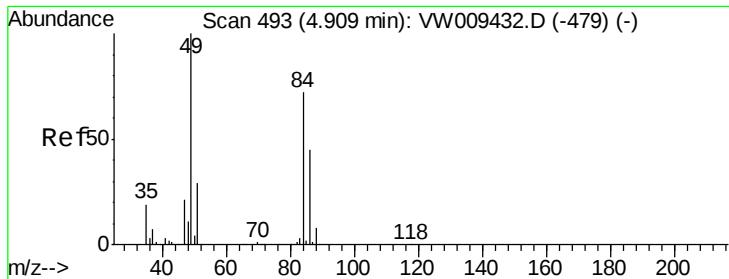
Tgt Ion: 76 Resp: 16428

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9





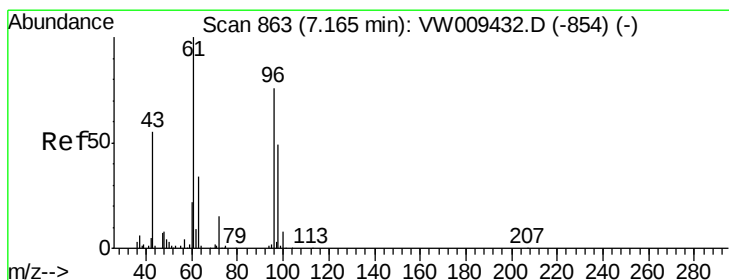
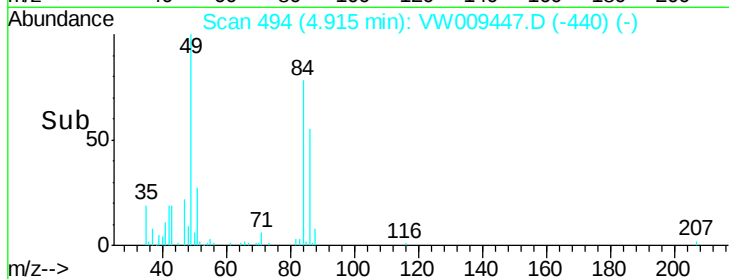
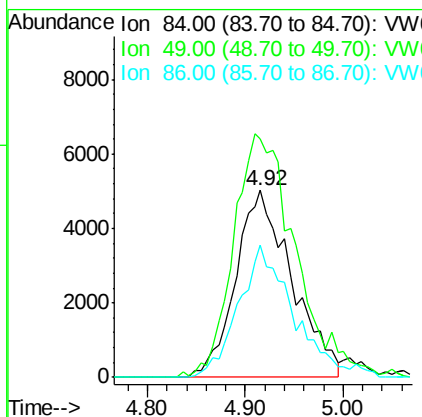
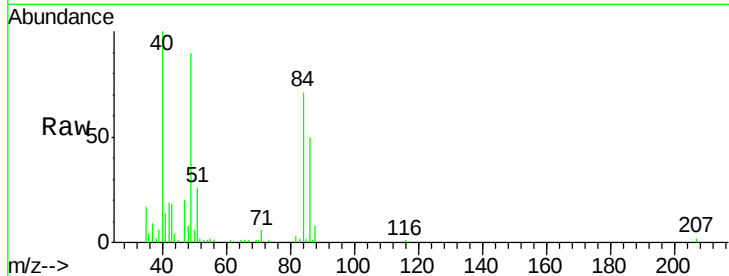
#16
Methylene chloride
Concen: 3.482 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009447.D
Acq: 26 Mar 2019 00:24

Instrument :
MSVOA_W
ClientSampled :
BF5W4

Tot Ion	Ratio	Lower	Upper
84	100		
49	127.8	96.0	178.2
86	70.8	44.4	82.5

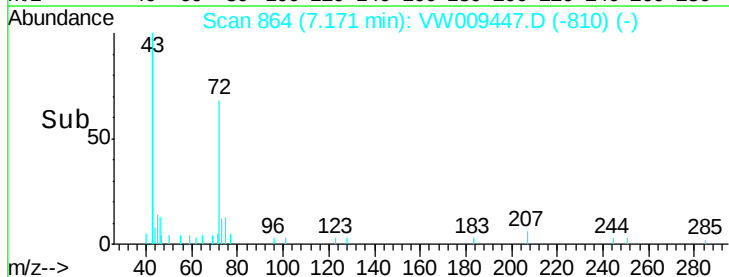
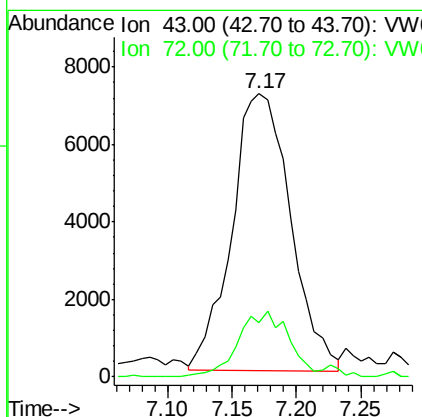
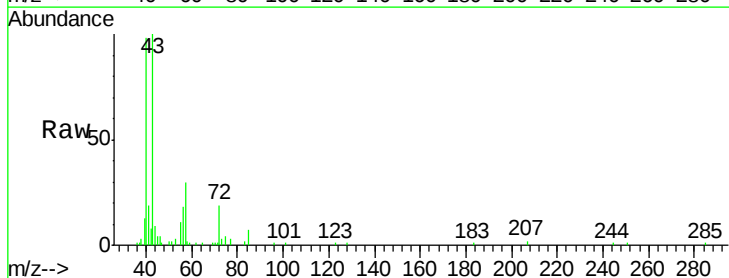
Manual Integrations
APPROVED

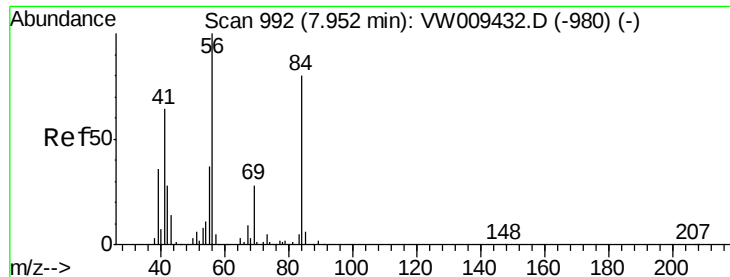
MMDadoda
3/27/2019 12:15:12 PM



#21
2-Butanone
Concen: 10.264 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009447.D
Acq: 26 Mar 2019 00:24

Tgt Ion	Ratio	Lower	Upper
43	100		
72	20.3	13.1	39.1





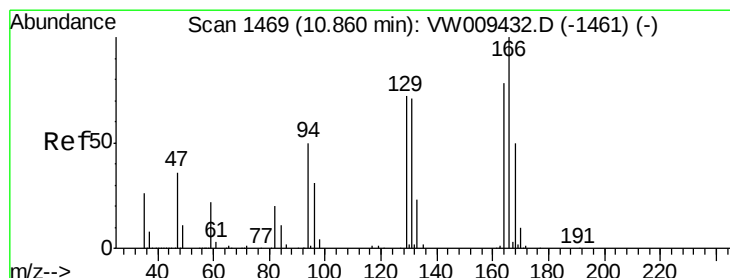
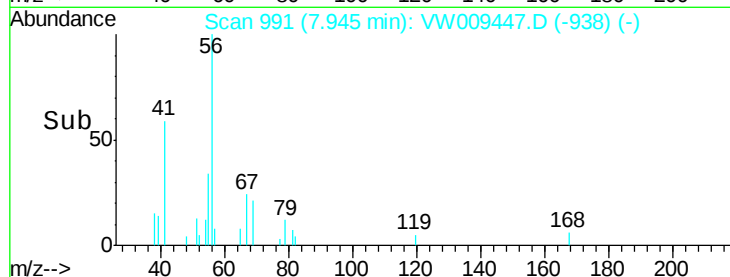
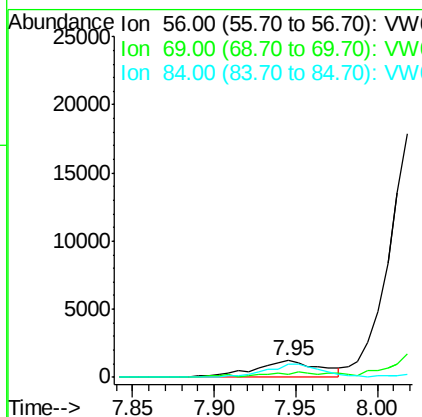
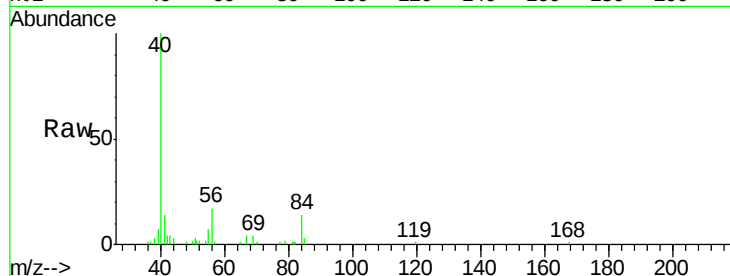
#30
Cvclohexane
Concen: 0.453 ug/L
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW009447.D
Acq: 26 Mar 2019 00:24

Instrument :
MSVOA_W
ClientSampleId :
BF5W4

Tot Ion	Ratio	Lower	Upper
56	100		
69	5.7	24.0	36.0#
84	67.3	69.2	103.8#

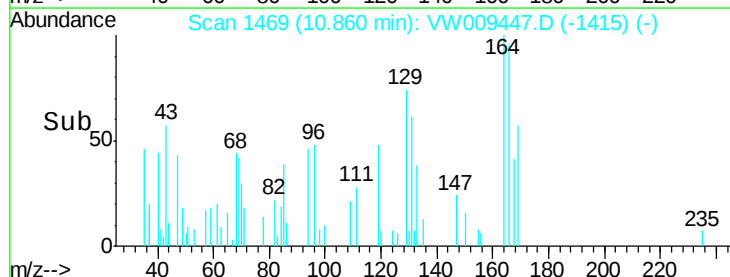
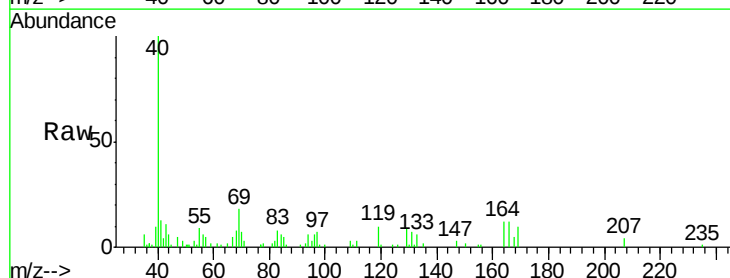
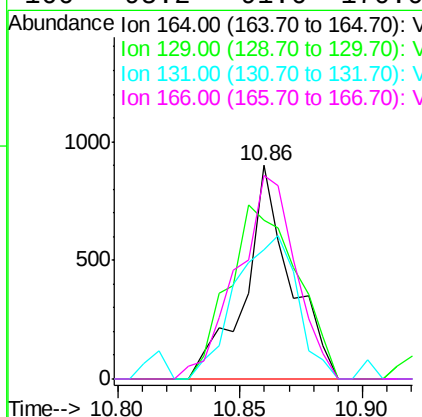
Manual Integrations
APPROVED

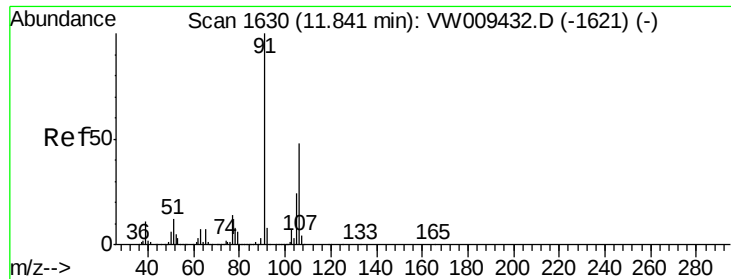
MMDadoda
3/27/2019 12:15:12 PM



#47
Tetrachloroethene
Concen: 0.283 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009447.D
Acq: 26 Mar 2019 00:24

Tgt Ion	Ratio	Lower	Upper
164	100		
129	74.4	66.5	123.5
131	60.7	62.6	116.3#
166	95.2	91.6	170.0





#54

m,p-Xylene

Concen: 0.339 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW009447.D

Acq: 26 Mar 2019 00:24

Instrument :

MSVOA_W

ClientSampleId :

BF5W4

Tot Ion:106 Resp: 2910

Ion Ratio Lower Upper

106 100

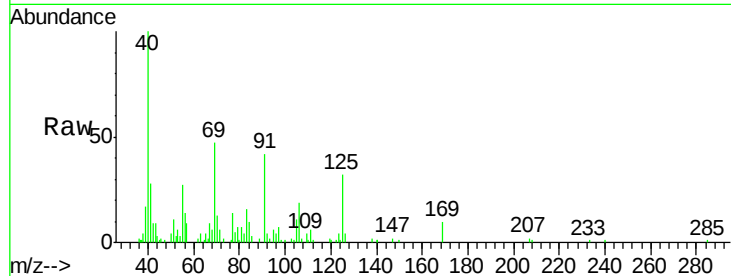
91 216.1 138.4 257.0

Manual Integrations

APPROVED

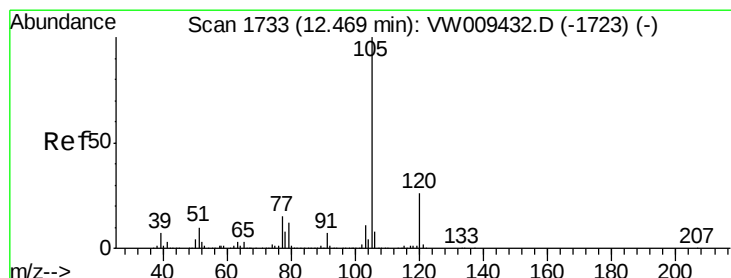
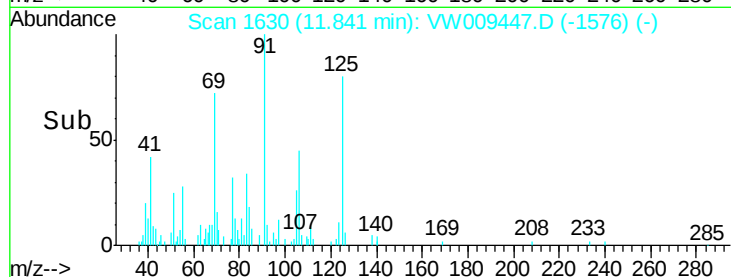
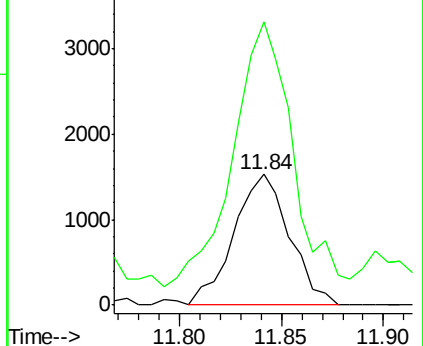
MMDadoda

3/27/2019 12:15:12 PM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV



#57

Isopropylbenzene

Concen: 0.352 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW009447.D

Acq: 26 Mar 2019 00:24

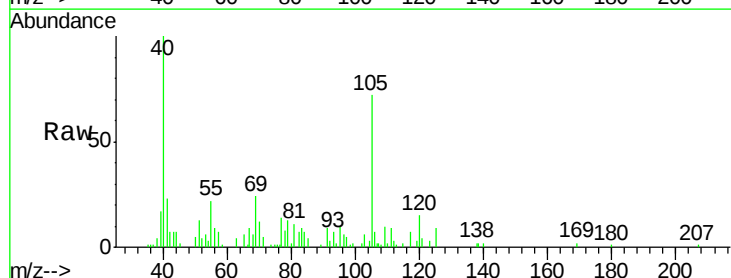
Tgt Ion:105 Resp: 7882

Ion Ratio Lower Upper

105 100

120 25.4 21.3 31.9

77 17.0 13.1 19.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VV

