

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021536.D
 Acq On : 21 Dec 2021 20:41
 Operator : SY/VA
 Sample : M5194-02
 Misc : 6.57g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLB4

Quant Time: Dec 22 03:51:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 22 02:57:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

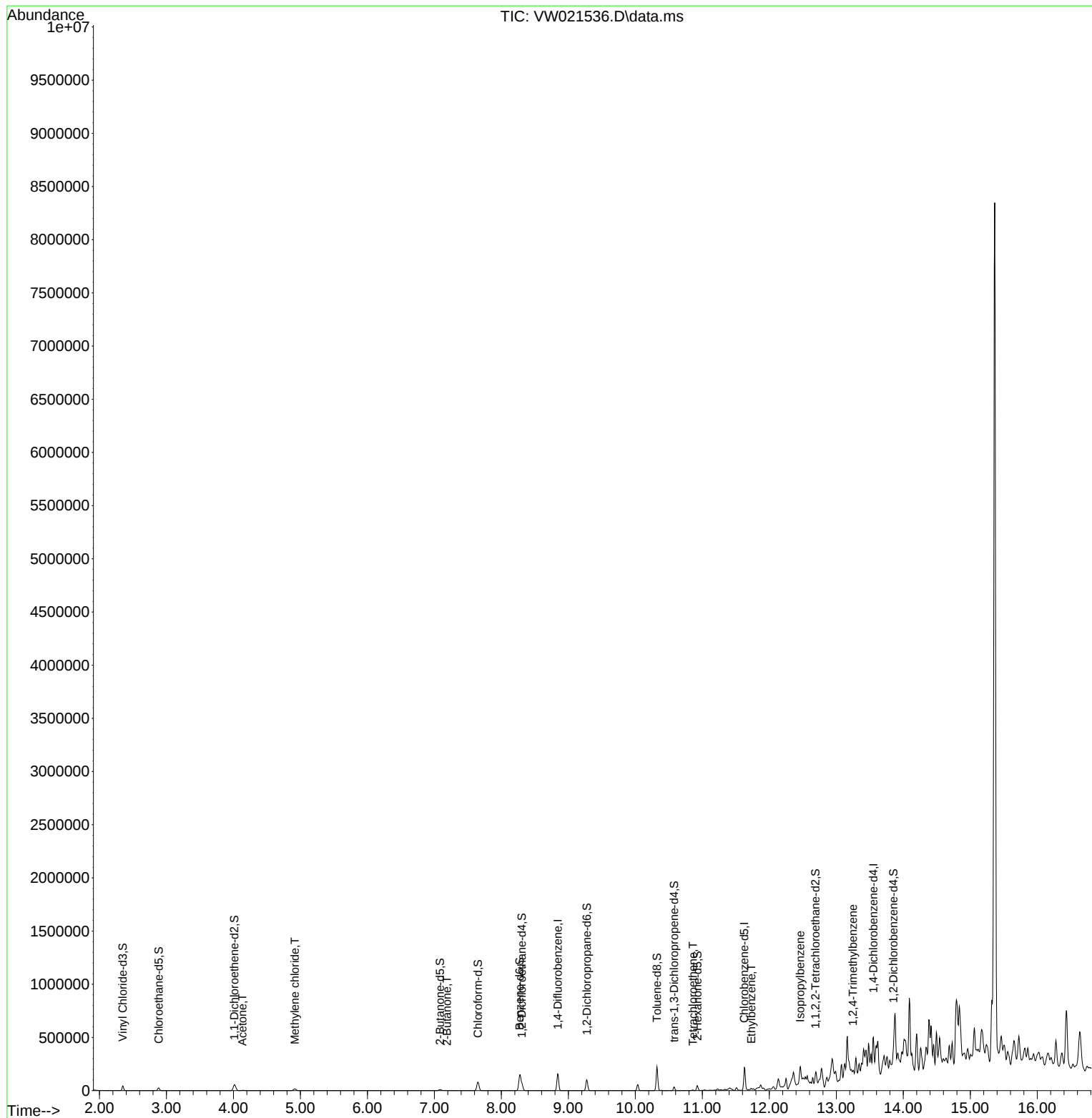
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	133468	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	117131	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	53933	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	42518	17.491	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.960%
7) Chloroethane-d5	2.885	69	28899	17.984	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.920%
11) 1,1-Dichloroethene-d2	4.013	63	53123	16.392	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.560%
21) 2-Butanone-d5	7.086	46	18397	53.691	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.380%
24) Chloroform-d	7.653	84	82339	22.137	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.560%
26) 1,2-Dichloroethane-d4	8.305	65	46803	23.656	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.640%
32) Benzene-d6	8.275	84	156095	24.312	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.240%
36) 1,2-Dichloropropane-d6	9.274	67	43576	25.307	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.240%
41) Toluene-d8	10.323	98	145927	22.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	10.579	79	18606	23.468	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.880%
47) 2-Hexanone-d5	10.927	63	15227	59.804	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.600%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	33699	22.767	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	40646	19.446	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.800%
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	6910	22.495	ug/L	96
16) Methylene chloride	4.915	84	13075	5.929	ug/L	81
22) 2-Butanone	7.189	43	1873	4.669	ug/L	94
46) Tetrachloroethene	10.859	164	1136	0.668	ug/L	94
52) Ethylbenzene	11.731	91	9996	1.172	ug/L	99
60) Isopropylbenzene	12.463	105	97253	13.271	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	39534	6.426	ug/L	96

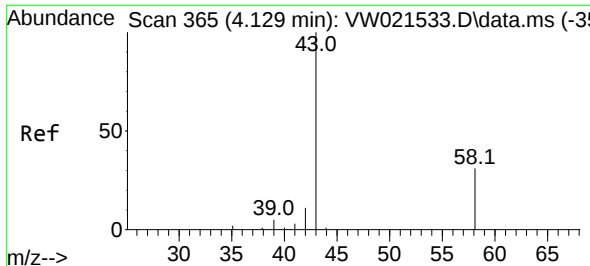
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Dec 22 02:57:00 2021
Response via : Initial Calibration





#13

Acetone

Concen: 22.495 ug/L

RT: 4.135 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW021536.D

Acq: 21 Dec 2021 20:41

Instrument :

MSVOA_W

ClientSampleId :

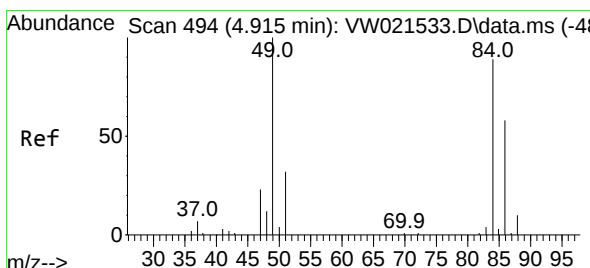
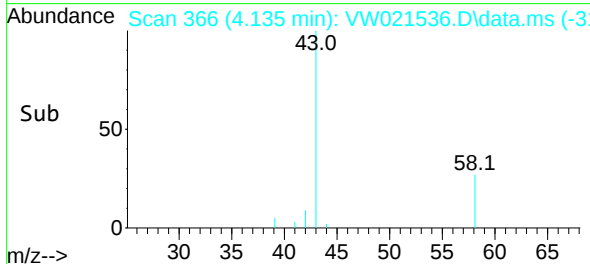
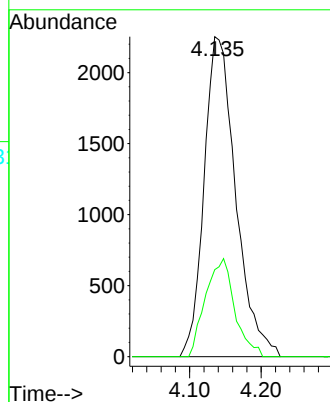
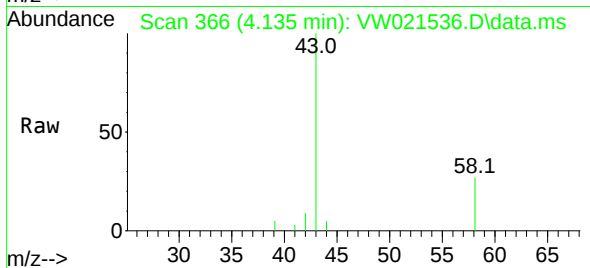
BGLB4

Tgt Ion: 43 Resp: 6910

Ion Ratio Lower Upper

43 100

58 28.2 0.0 52.8



#16

Methylene chloride

Concen: 5.929 ug/L

RT: 4.915 min Scan# 494

Delta R.T. 0.000 min

Lab File: VW021536.D

Acq: 21 Dec 2021 20:41

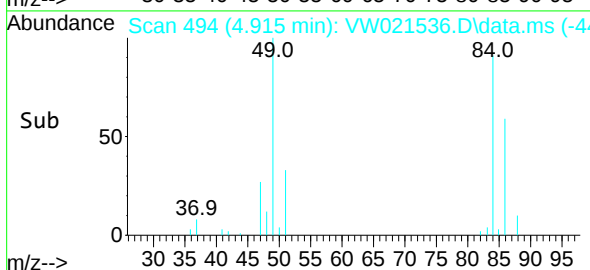
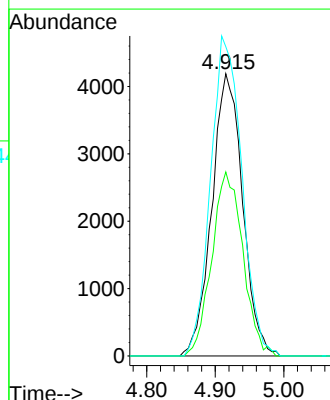
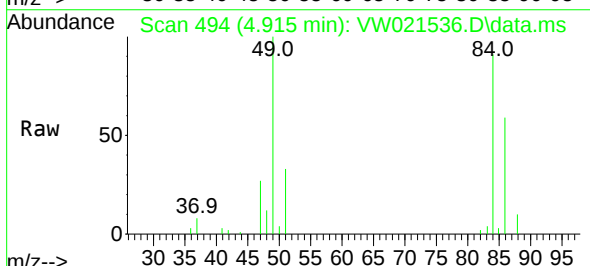
Tgt Ion: 84 Resp: 13075

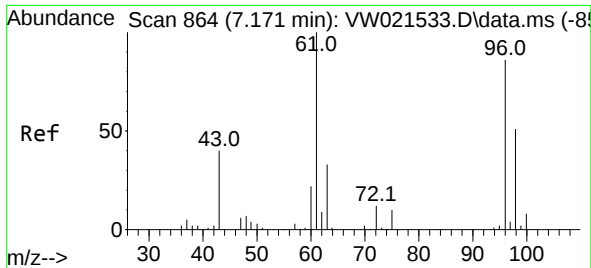
Ion Ratio Lower Upper

84 100

86 65.2 45.5 84.5

49 109.6 100.5 186.7

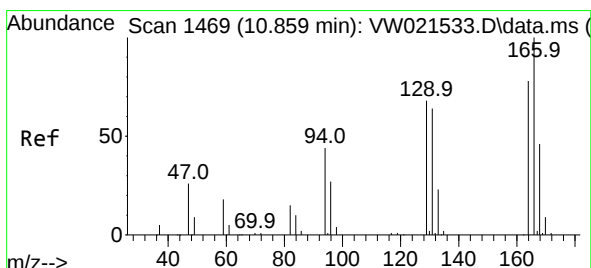
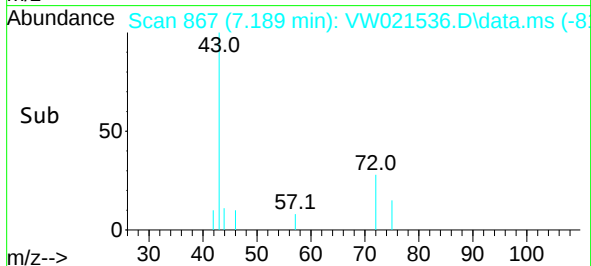
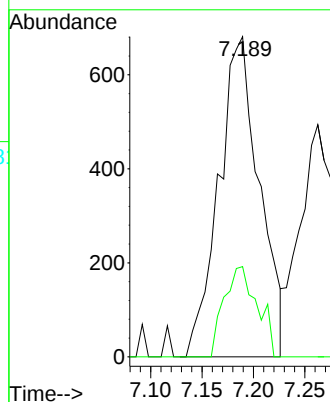
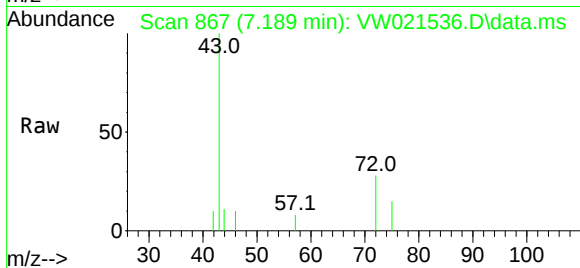




#22
2-Butanone
Concen: 4.669 ug/L
RT: 7.189 min Scan# 867
Delta R.T. 0.018 min
Lab File: VW021536.D
Acq: 21 Dec 2021 20:41

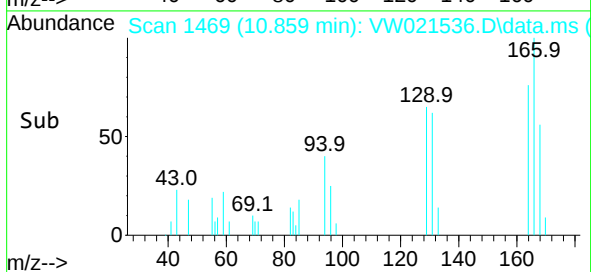
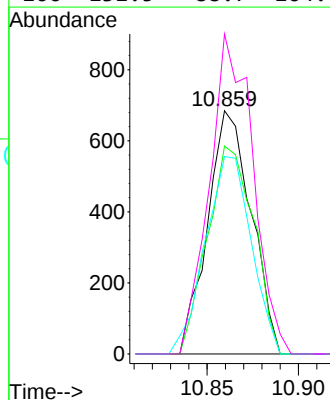
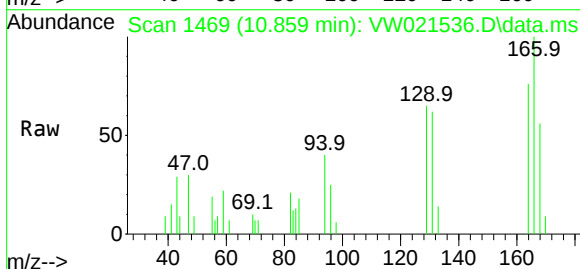
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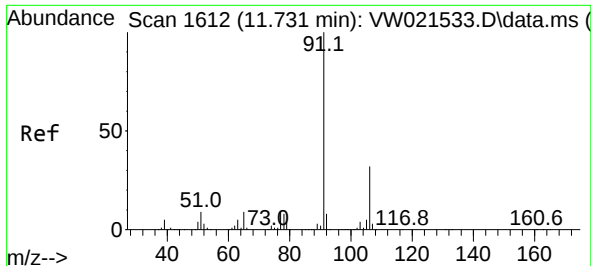
Tgt Ion: 43 Resp: 1873
Ion Ratio Lower Upper
43 100
72 20.8 11.8 35.4



#46
Tetrachloroethene
Concen: 0.668 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021536.D
Acq: 21 Dec 2021 20:41

Tgt Ion: 164 Resp: 1136
Ion Ratio Lower Upper
164 100
129 85.4 65.5 121.7
131 81.2 59.7 110.9
166 131.5 88.7 164.7

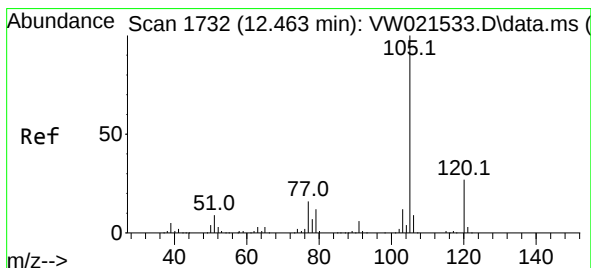
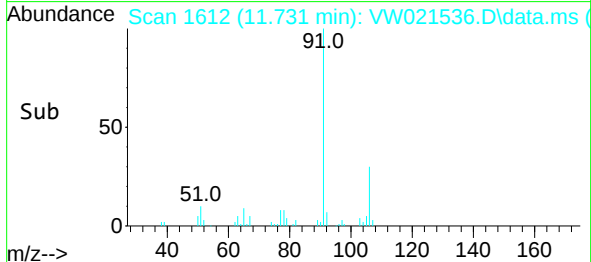
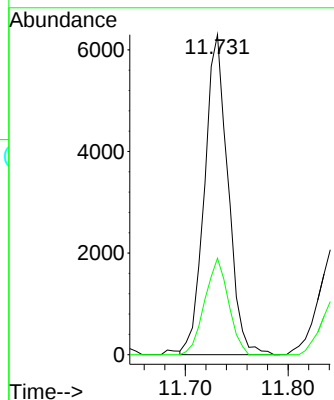
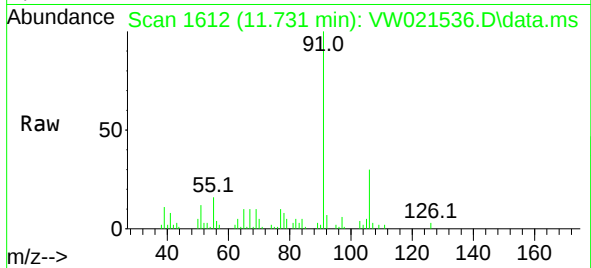




#52
Ethylbenzene
Concen: 1.172 ug/L
RT: 11.731 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021536.D
Acq: 21 Dec 2021 20:41

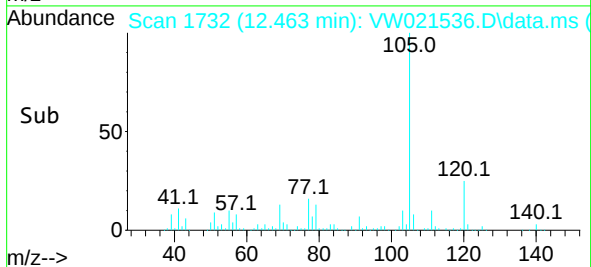
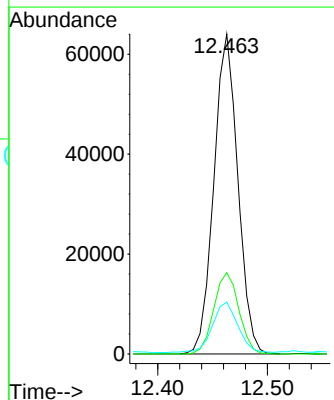
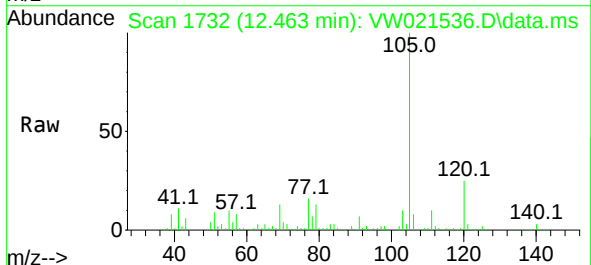
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MSVOA_W
ClientSampleId :
BGLB4

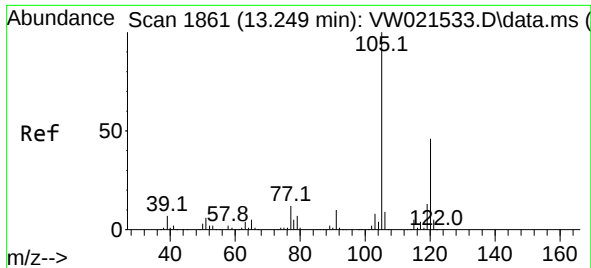
Tgt Ion: 91 Resp: 9996
Ion Ratio Lower Upper
91 100
106 30.2 21.5 39.9



#60
Isopropylbenzene
Concen: 13.271 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021536.D
Acq: 21 Dec 2021 20:41

Tgt Ion: 105 Resp: 97253
Ion Ratio Lower Upper
105 100
120 26.5 20.1 30.1
77 16.6 13.8 20.8





#63
 1,2,4-Trimethylbenzene
 Concen: 6.426 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021536.D
 Acq: 21 Dec 2021 20:41

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLB4

Tgt Ion:105 Resp: 39534
 Ion Ratio Lower Upper
 105 100
 120 46.4 35.0 52.6

