

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021629.D
 Acq On : 23 Dec 2021 22:17
 Operator : SY/VA
 Sample : M5154-03
 Misc : 6.91g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL83

Quant Time: Dec 24 01:47:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

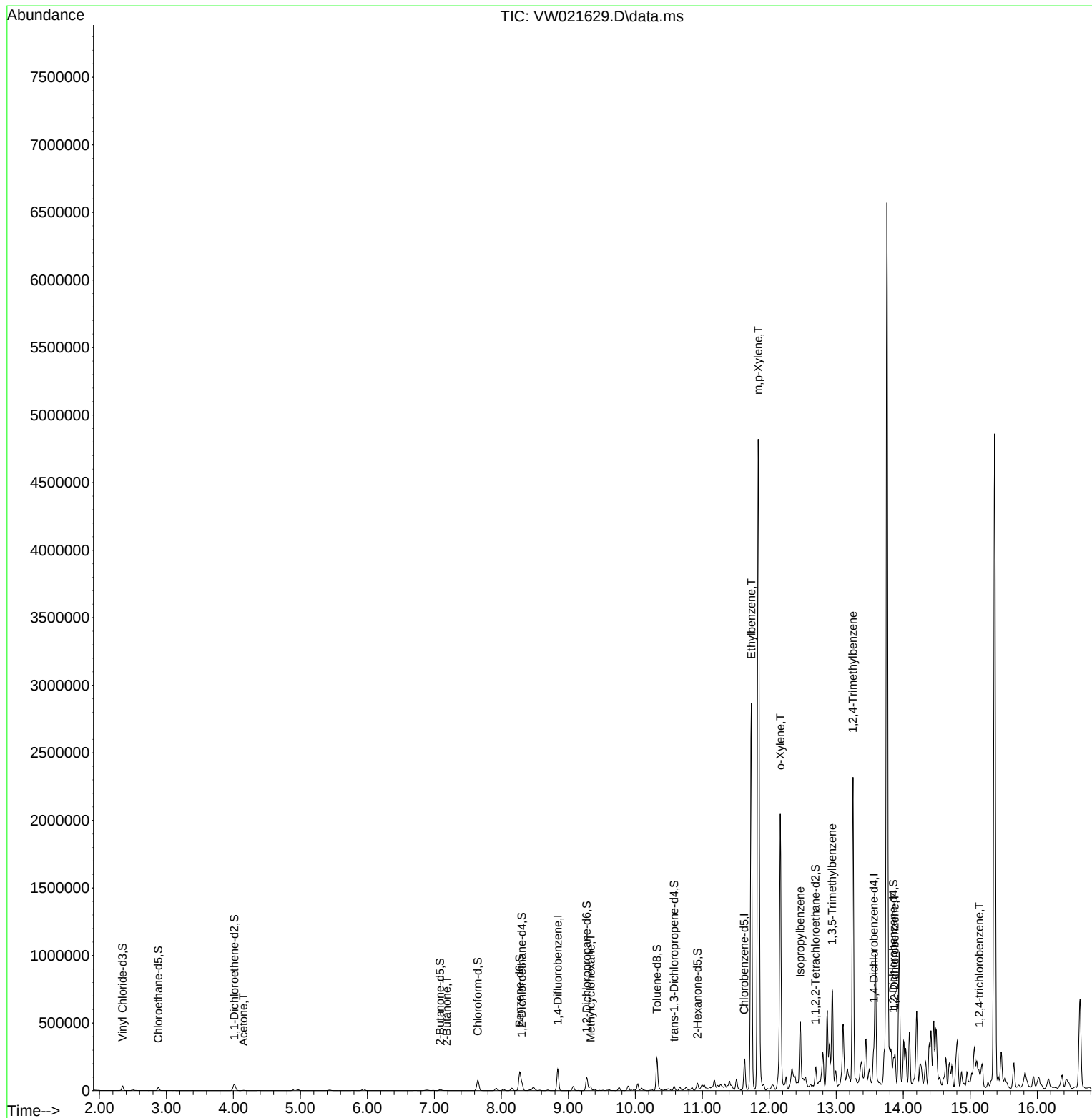
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	134554	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	125446	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	71531	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	33576	13.701	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.800%
7) Chloroethane-d5	2.879	69	25424	15.694	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.760%
11) 1,1-Dichloroethene-d2	4.013	63	43876	13.430	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.720%
21) 2-Butanone-d5	7.086	46	14729	42.639	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.280%
24) Chloroform-d	7.647	84	76721	20.460	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.840%
26) 1,2-Dichloroethane-d4	8.305	65	40361	20.235	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.960%
32) Benzene-d6	8.275	84	142262	20.689	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.760%
36) 1,2-Dichloropropane-d6	9.274	67	42385	22.984	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.920%
41) Toluene-d8	10.323	98	140200	19.956	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.840%
43) trans-1,3-Dichloroprop...	10.579	79	15674	18.459	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.840%
47) 2-Hexanone-d5	10.927	63	13046	47.842	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.680%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	33932	21.405	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	51838	18.699	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.800%#
Target Compounds						Qvalue
13) Acetone	4.147	43	5672	18.316	ug/L	68
22) 2-Butanone	7.183	43	1759	4.350	ug/L	98
35) Methylcyclohexane	9.335	83	6900	2.181	ug/L	# 38
52) Ethylbenzene	11.731	91	1962332	214.856	ug/L	95
53) m,p-Xylene	11.835	106	1602722	434.998	ug/L	82
54) o-Xylene	12.164	106	538024	153.867	ug/L	96
60) Isopropylbenzene	12.463	105	303991	31.276	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	294135	35.563	ug/L	91
63) 1,2,4-Trimethylbenzene	13.249	105	1266532	155.231	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	8354	2.070	ug/L	# 85
70) 1,2,4-trichlorobenzene	15.133	180	25089	9.103	ug/L	# 42

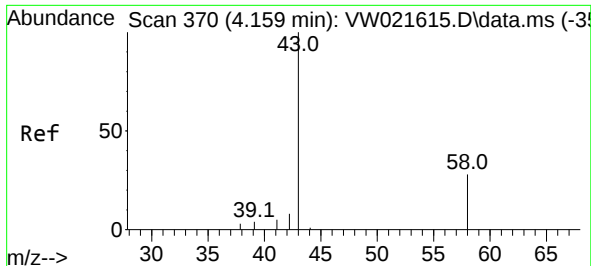
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 24 01:43:02 2021
Response via : Initial Calibration





#13

Acetone

Concen: 18.316 ug/L

RT: 4.147 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW021629.D

Acq: 23 Dec 2021 22:17

Instrument :

MSVOA_W

ClientSampleId :

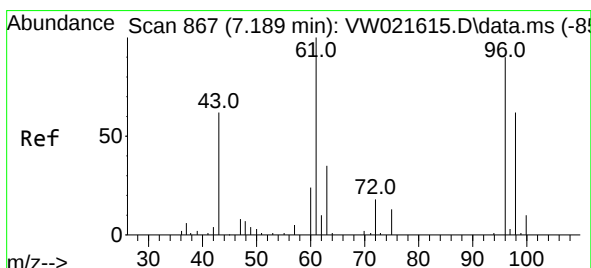
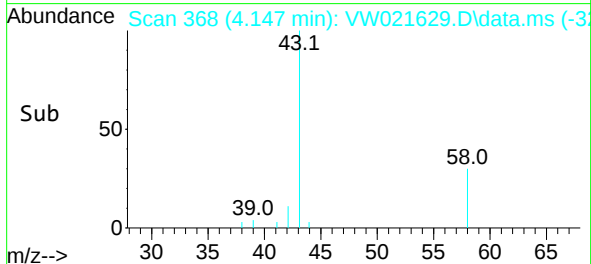
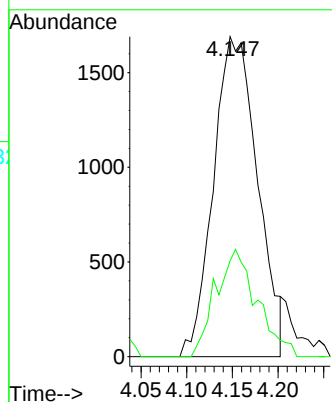
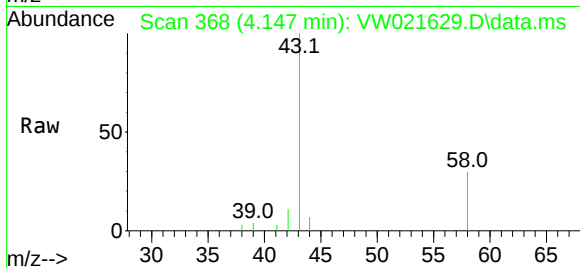
BGL83

Tgt Ion: 43 Resp: 5672

Ion Ratio Lower Upper

43 100

58 9.9 0.0 52.8



#22

2-Butanone

Concen: 4.350 ug/L

RT: 7.183 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW021629.D

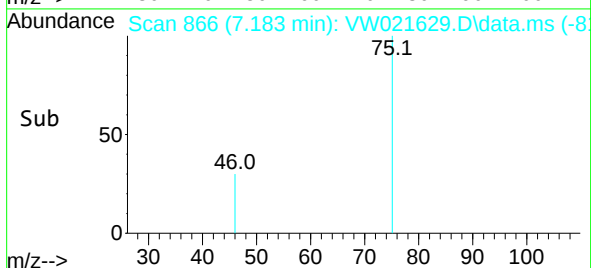
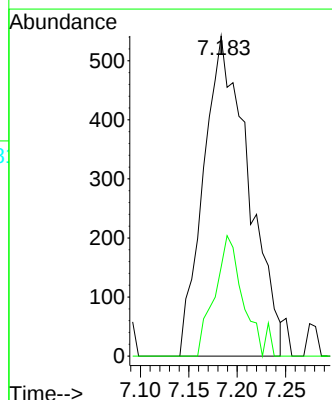
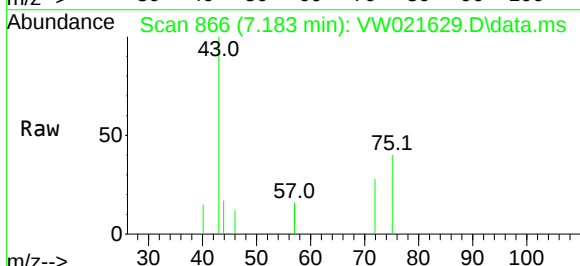
Acq: 23 Dec 2021 22:17

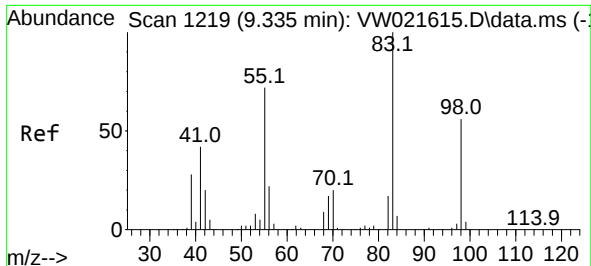
Tgt Ion: 43 Resp: 1759

Ion Ratio Lower Upper

43 100

72 22.9 11.8 35.4

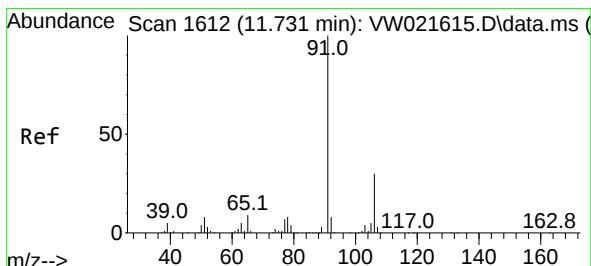
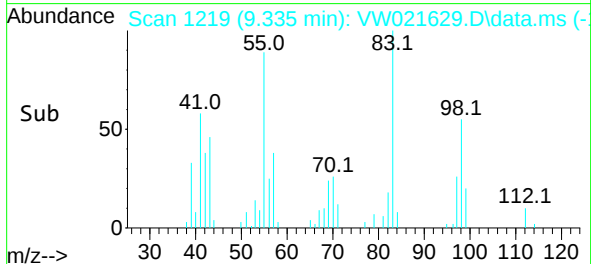
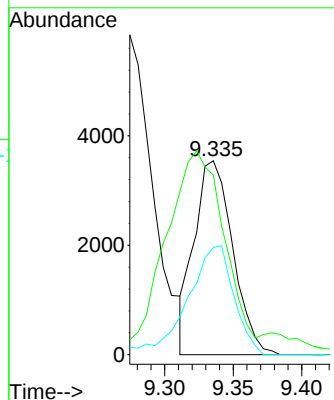
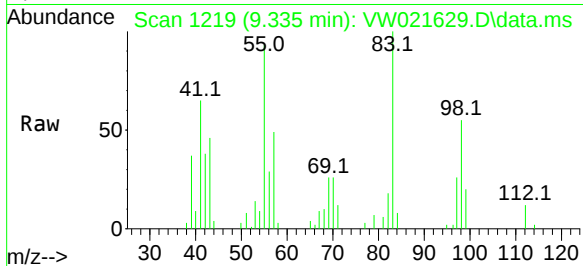




#35
Methylcyclohexane
Concen: 2.181 ug/L
RT: 9.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021629.D
Acq: 23 Dec 2021 22:17

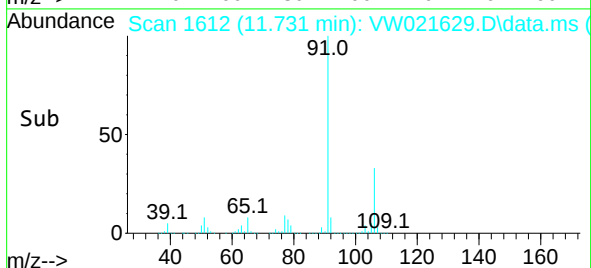
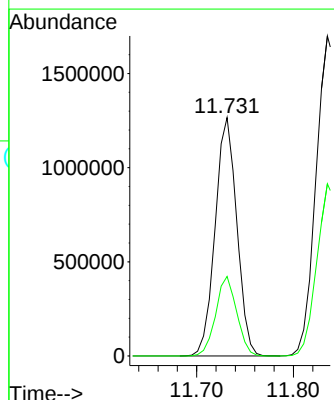
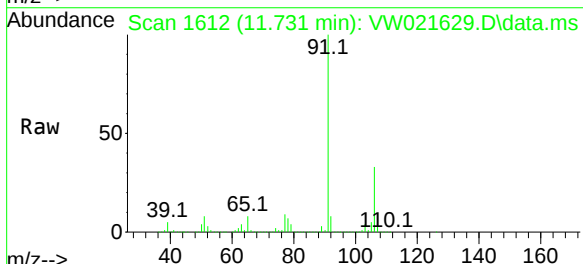
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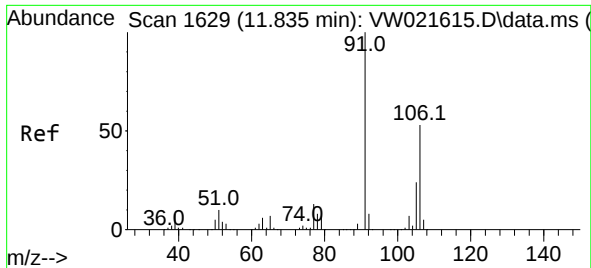
Tgt Ion: 83 Resp: 6900
Ion Ratio Lower Upper
83 100
55 161.4 70.8 106.2#
98 68.9 37.7 56.5#



#52
Ethylbenzene
Concen: 214.856 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021629.D
Acq: 23 Dec 2021 22:17

Tgt Ion: 91 Resp: 1962332
Ion Ratio Lower Upper
91 100
106 33.3 21.5 39.9

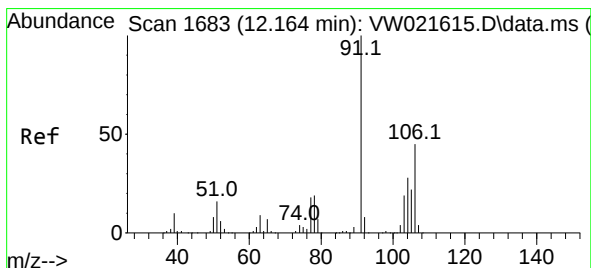
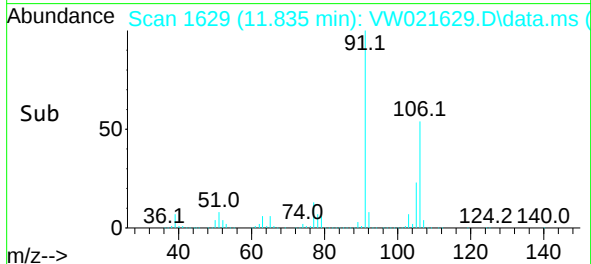
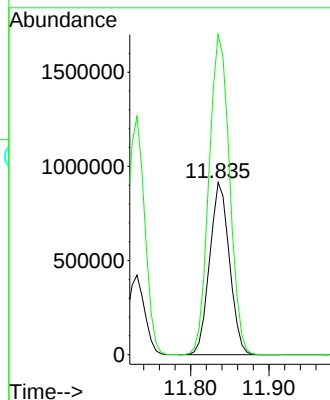
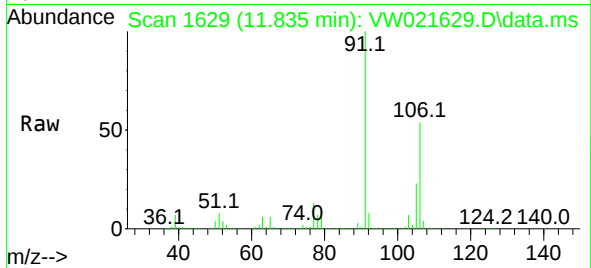




#53
m,p-Xylene
Concen: 434.998 ug/L
RT: 11.835 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021629.D
Acq: 23 Dec 2021 22:17

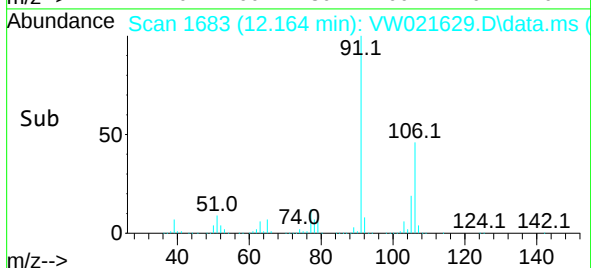
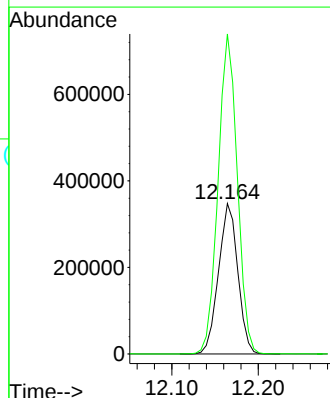
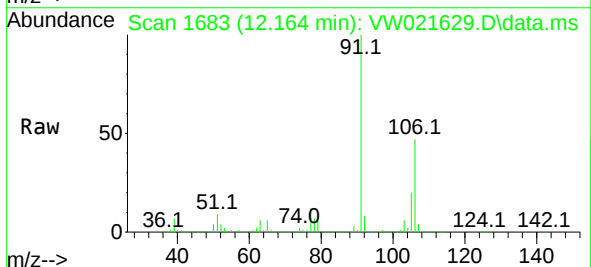
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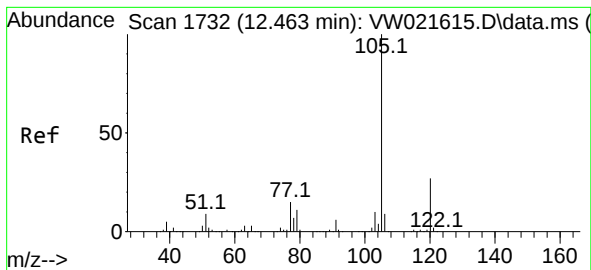
Tgt Ion:106 Resp: 1602722
Ion Ratio Lower Upper
106 100
91 185.9 149.9 278.3



#54
o-Xylene
Concen: 153.867 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021629.D
Acq: 23 Dec 2021 22:17

Tgt Ion:106 Resp: 538024
Ion Ratio Lower Upper
106 100
91 212.8 153.6 285.3





#60

Isopropylbenzene

Concen: 31.276 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021629.D

Acq: 23 Dec 2021 22:17

Instrument :

MSVOA_W

ClientSampleId :

BGL83

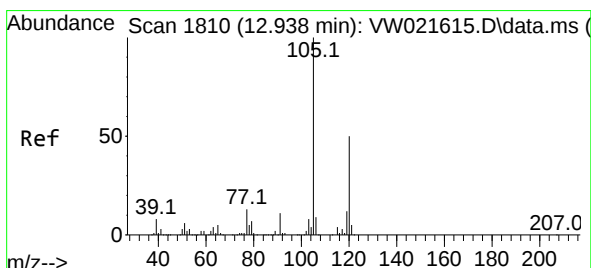
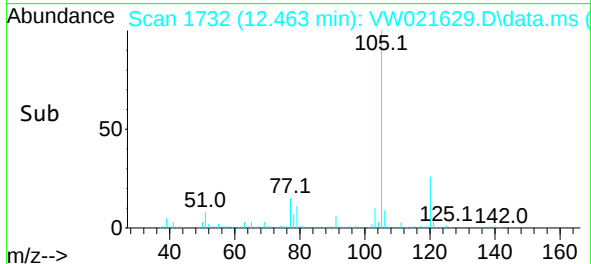
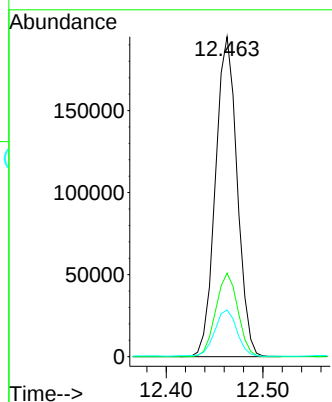
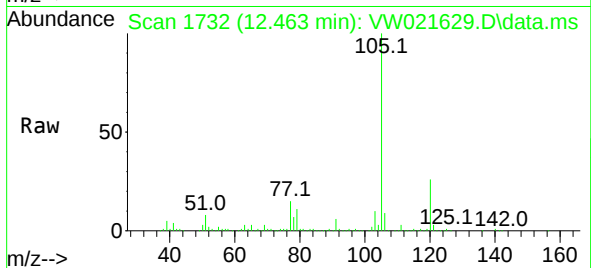
Tgt Ion:105 Resp: 303991

Ion Ratio Lower Upper

105 100

120 26.5 20.1 30.1

77 14.7 13.8 20.8



#62

1,3,5-Trimethylbenzene

Concen: 35.563 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW021629.D

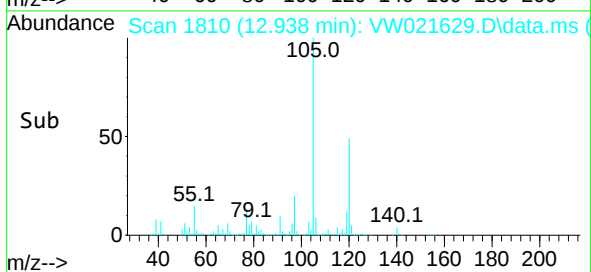
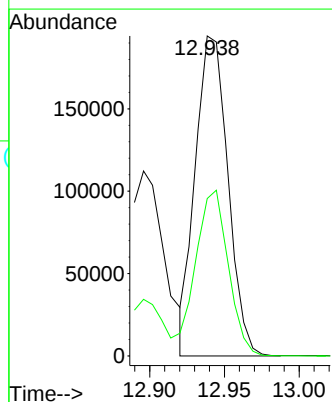
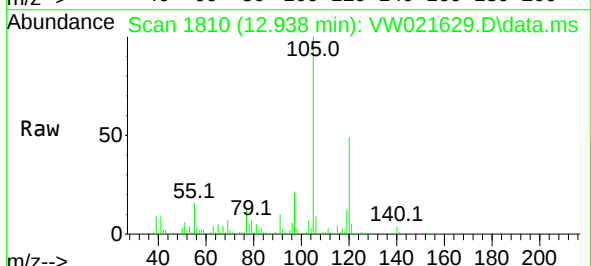
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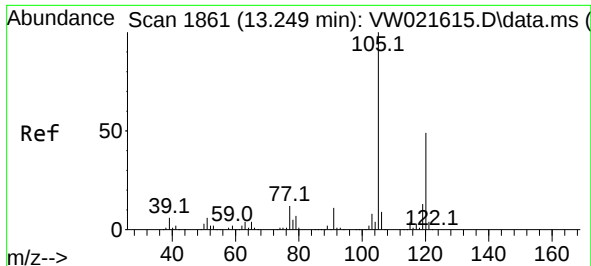
Tgt Ion:105 Resp: 294135

Ion Ratio Lower Upper

105 100

120 52.6 37.4 56.2

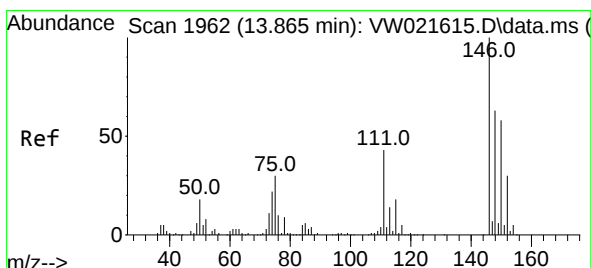
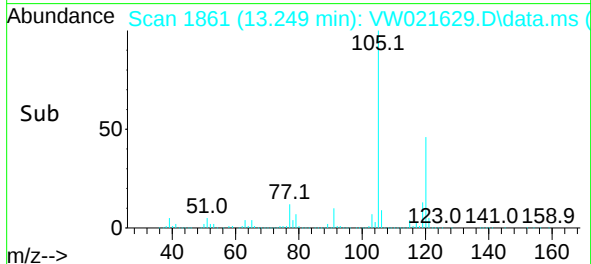
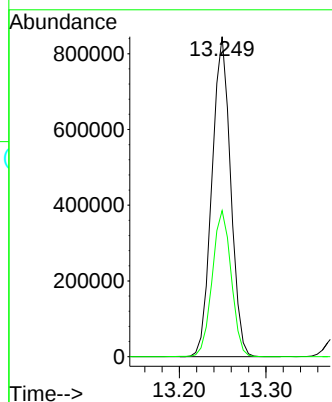
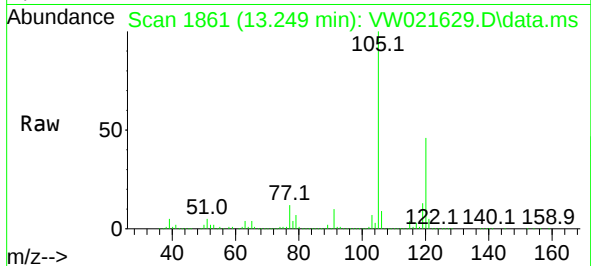




#63
1,2,4-Trimethylbenzene
Concen: 155.231 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021629.D
Acq: 23 Dec 2021 22:17

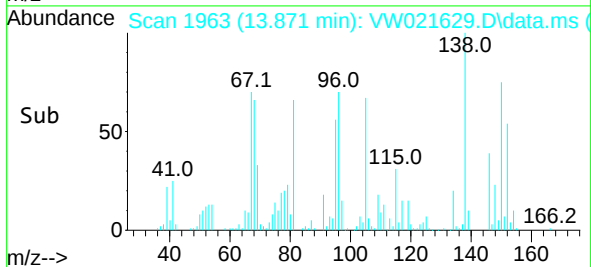
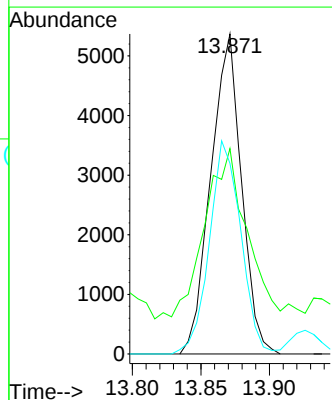
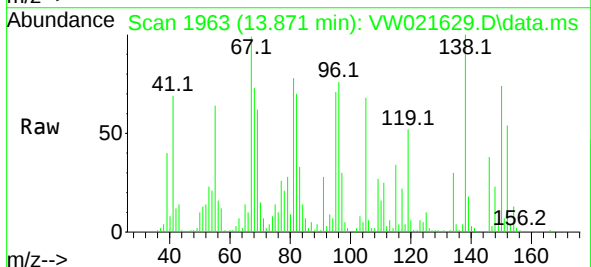
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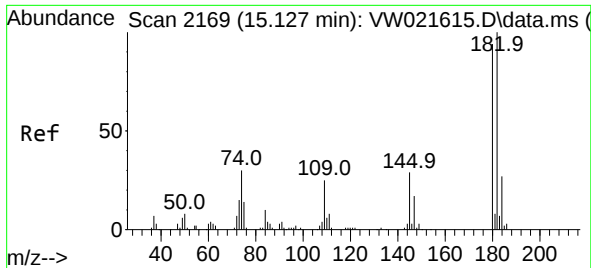
Tgt Ion:105 Resp: 1266532
Ion Ratio Lower Upper
105 100
120 46.3 35.0 52.6



#67
1,2-Dichlorobenzene
Concen: 2.070 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW021629.D
Acq: 23 Dec 2021 22:17

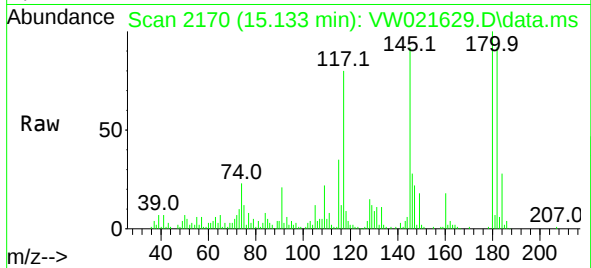
Tgt Ion:146 Resp: 8354
Ion Ratio Lower Upper
146 100
111 64.2 33.1 49.7#
148 59.6 47.4 71.2





#70
1,2,4-trichlorobenzene
Concen: 9.103 ug/L
RT: 15.133 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW021629.D
Acq: 23 Dec 2021 22:17

Instrument :
MSVOA_W
ClientSampleId :
BGL83



Tgt Ion:180 Resp: 25089
Ion Ratio Lower Upper
180 100
182 95.7 79.0 118.6
145 158.8 26.0 39.0#

