

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021471.D
 Acq On : 18 Dec 2021 13:05
 Operator : SY/VA
 Sample : M5154-15
 Misc : 6.60g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL95

Quant Time: Dec 18 23:11:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

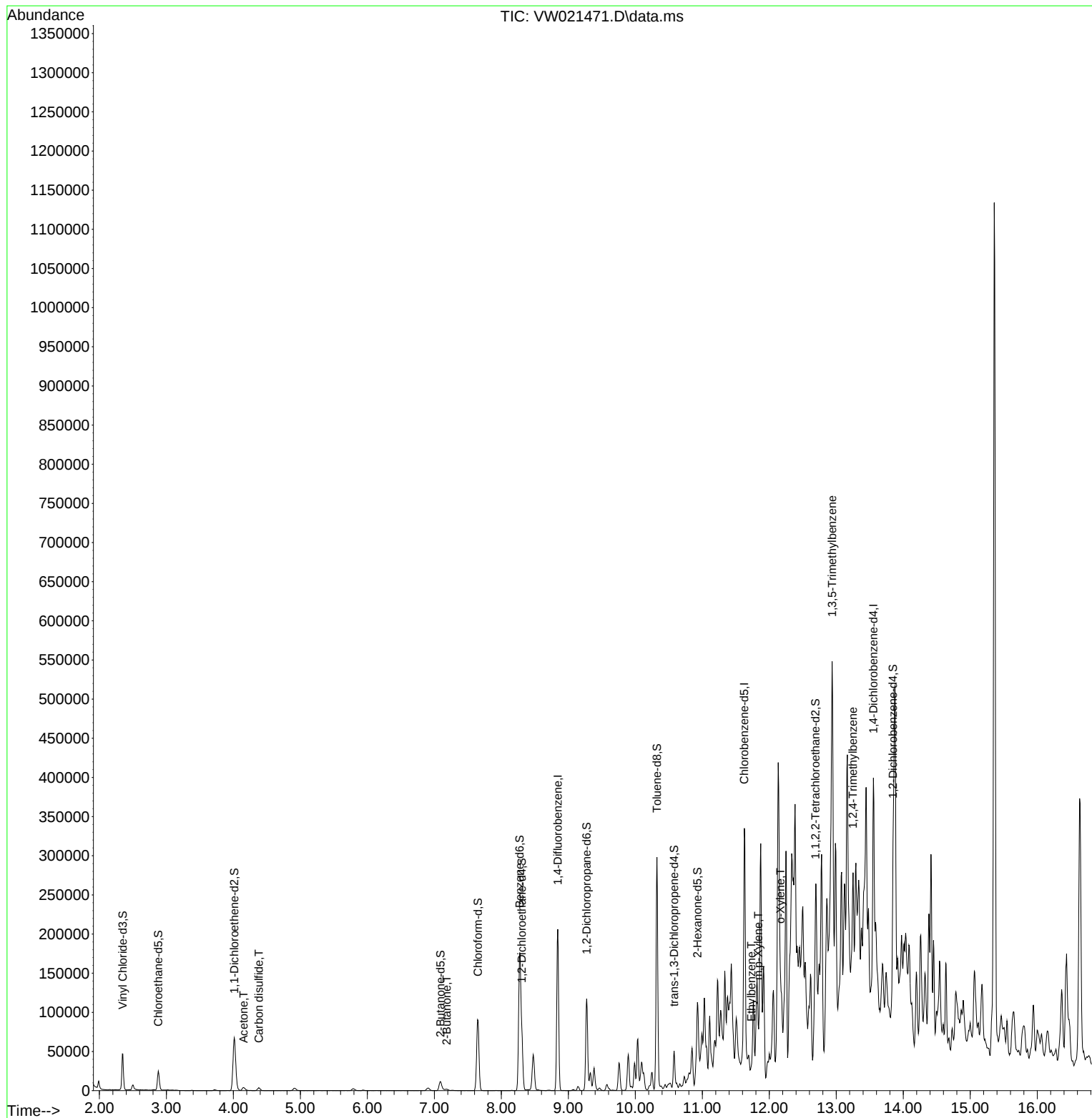
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	181243	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	176660	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	90805	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	47240	14.311	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.240%
7) Chloroethane-d5	2.879	69	27962	12.814	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.240%
11) 1,1-Dichloroethene-d2	4.013	63	63575	14.446	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.800%
21) 2-Butanone-d5	7.092	46	21405	46.003	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.000%
24) Chloroform-d	7.653	84	94909	18.791	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.160%
26) 1,2-Dichloroethane-d4	8.305	65	51791	19.277	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.120%
32) Benzene-d6	8.275	84	187628	19.376	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.520%
36) 1,2-Dichloropropane-d6	9.275	67	52643	20.271	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.080%
41) Toluene-d8	10.323	98	189122	19.115	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.480%
43) trans-1,3-Dichloroprop...	10.579	79	22769	19.041	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.160%
47) 2-Hexanone-d5	10.927	63	18877	49.156	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.320%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	45230	20.260	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.040%
66) 1,2-Dichlorobenzene-d4	13.847	152	64364	18.289	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.160%#
Target Compounds						
					Qvalue	
13) Acetone	4.153	43	8737	20.946	ug/L	99
14) Carbon disulfide	4.379	76	8018	1.382	ug/L	98
22) 2-Butanone	7.183	43	2451	4.499	ug/L	99
52) Ethylbenzene	11.731	91	7683	0.597	ug/L	92
53) m,p-Xylene	11.835	106	11636	2.243	ug/L	92
54) o-Xylene	12.164	106	3650	0.741	ug/L	87
62) 1,3,5-Trimethylbenzene	12.938	105	34682	3.303	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	89521	8.643	ug/L	94

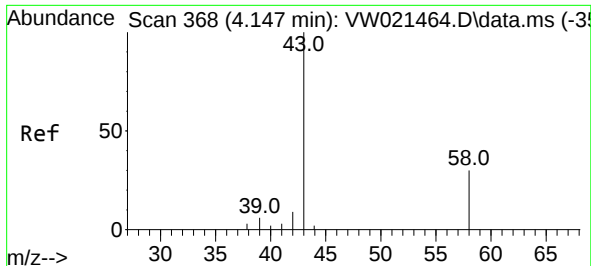
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration

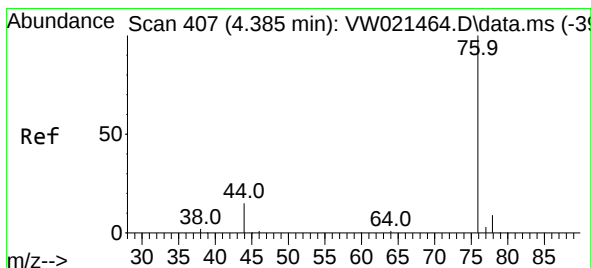
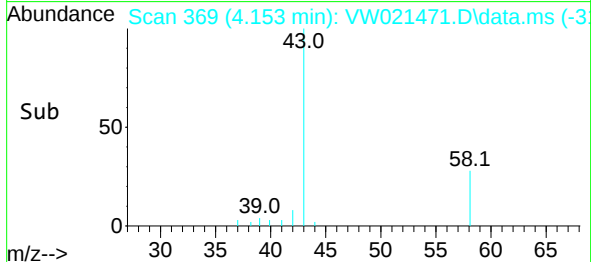
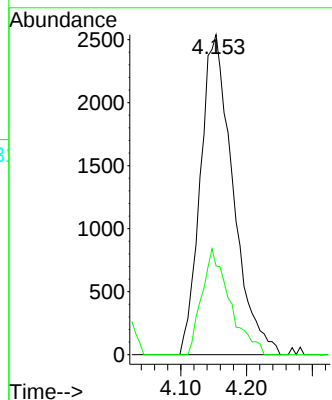
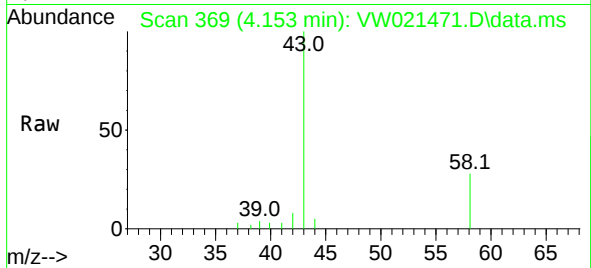




#13
Acetone
Concen: 20.946 ug/L
RT: 4.153 min Scan# 30
Delta R.T. 0.037 min
Lab File: VW021471.D
Acq: 18 Dec 2021 13:05

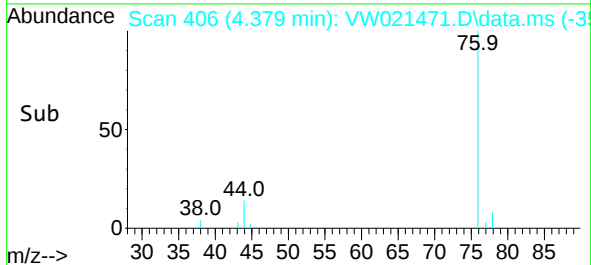
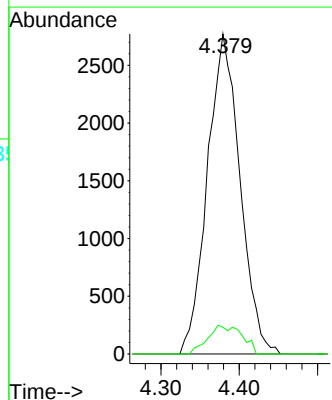
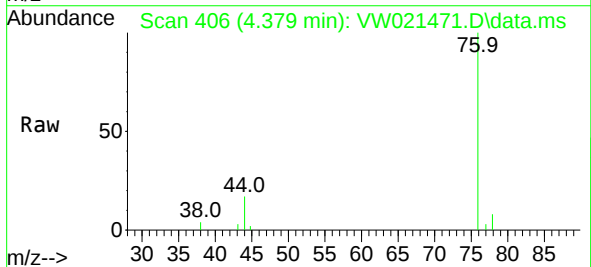
Instrument :
MSVOA_W
ClientSampleId :
BGL95

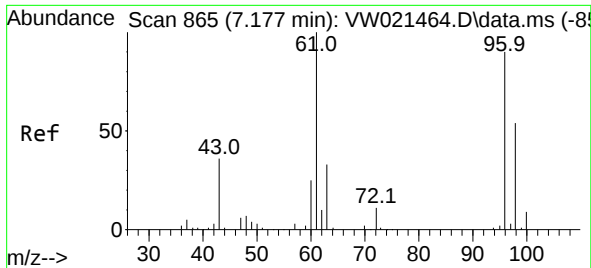
Tgt Ion: 43 Resp: 8737
Ion Ratio Lower Upper
43 100
58 25.8 0.0 52.8



#14
Carbon disulfide
Concen: 1.382 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW021471.D
Acq: 18 Dec 2021 13:05

Tgt Ion: 76 Resp: 8018
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7

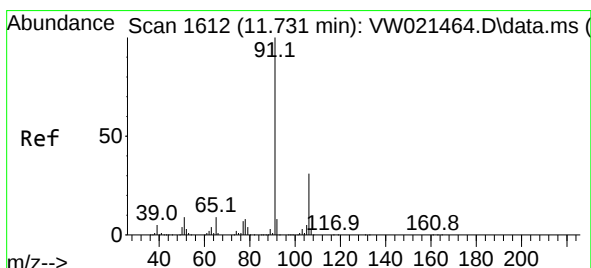
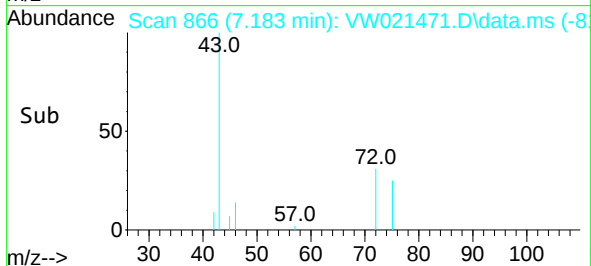
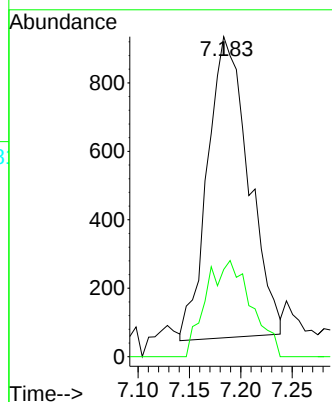
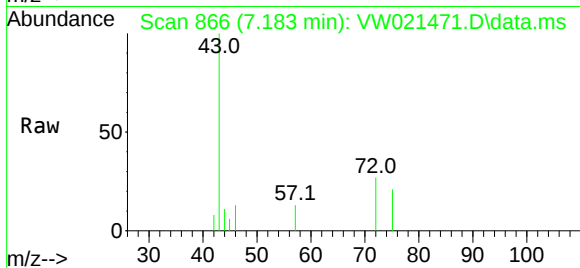




#22
2-Butanone
Concen: 4.499 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.018 min
Lab File: VW021471.D
Acq: 18 Dec 2021 13:05

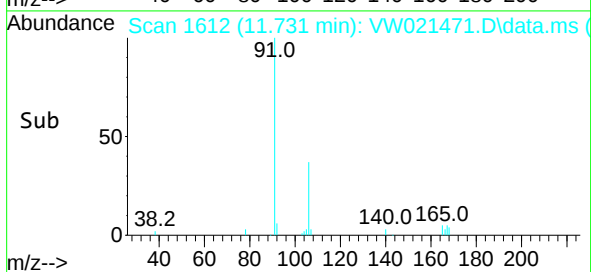
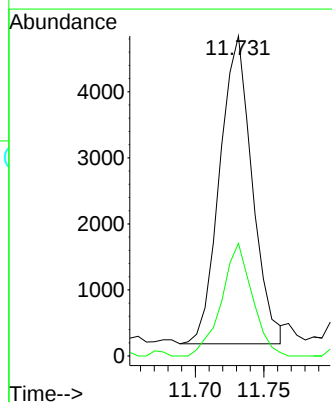
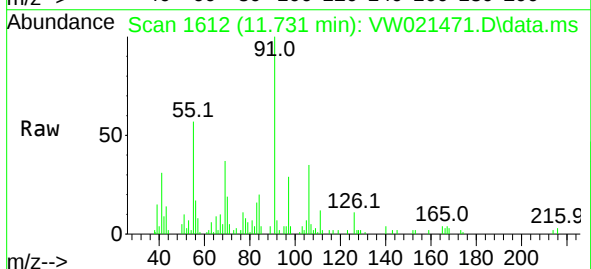
Instrument :
MSVOA_W
ClientSampleId :
BGL95

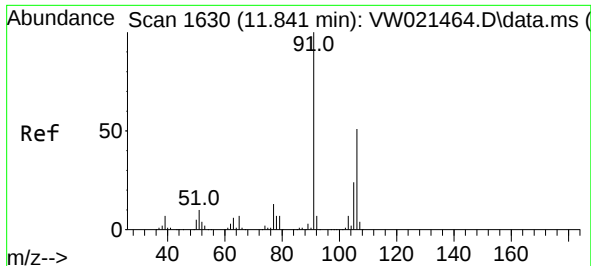
Tgt Ion: 43 Resp: 2451
Ion Ratio Lower Upper
43 100
72 22.9 11.8 35.4



#52
Ethylbenzene
Concen: 0.597 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021471.D
Acq: 18 Dec 2021 13:05

Tgt Ion: 91 Resp: 7683
Ion Ratio Lower Upper
91 100
106 35.2 21.5 39.9

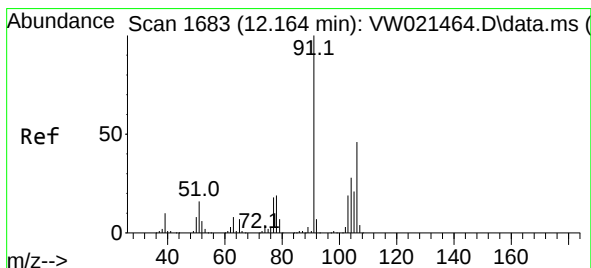
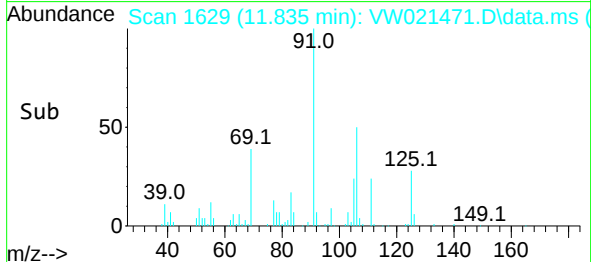
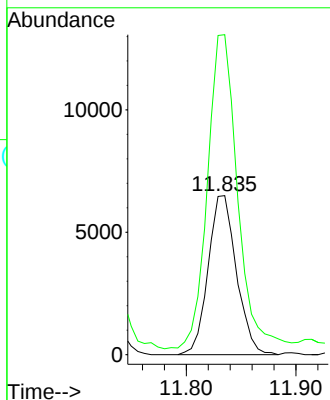
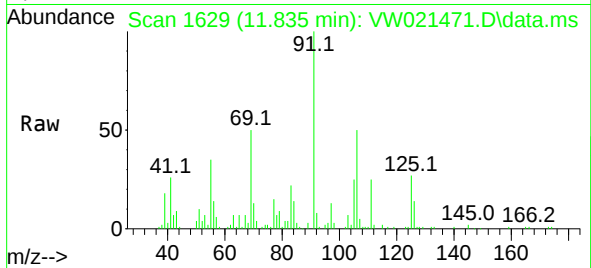




#53
m,p-Xylene
Concen: 2.243 ug/L
RT: 11.835 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021471.D
Acq: 18 Dec 2021 13:05

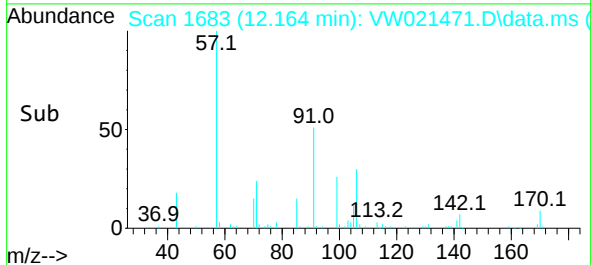
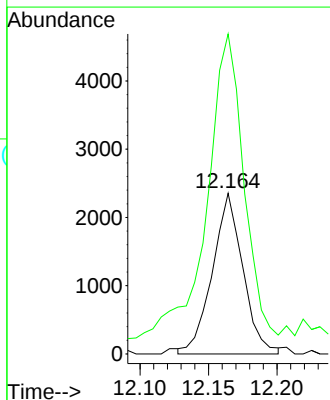
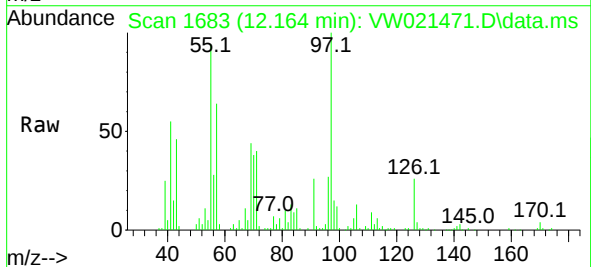
Instrument :
MSVOA_W
ClientSampleId :
BGL95

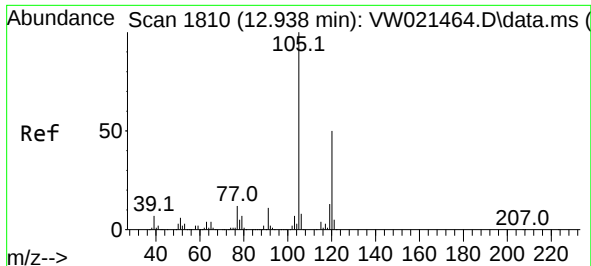
Tgt Ion:106 Resp: 11636
Ion Ratio Lower Upper
106 100
91 201.3 149.9 278.3



#54
o-Xylene
Concen: 0.741 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021471.D
Acq: 18 Dec 2021 13:05

Tgt Ion:106 Resp: 3650
Ion Ratio Lower Upper
106 100
91 199.2 153.6 285.3





#62

1,3,5-Trimethylbenzene

Concen: 3.303 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW021471.D

Acq: 18 Dec 2021 13:05

Instrument :

MSVOA_W

ClientSampleId :

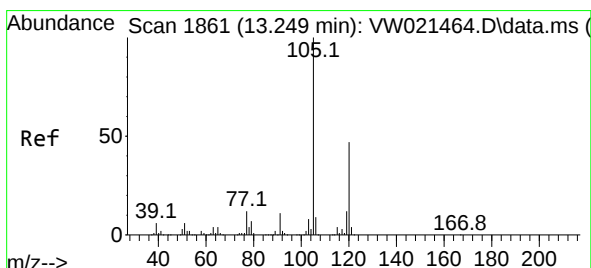
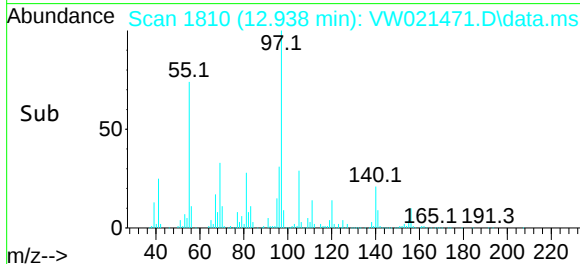
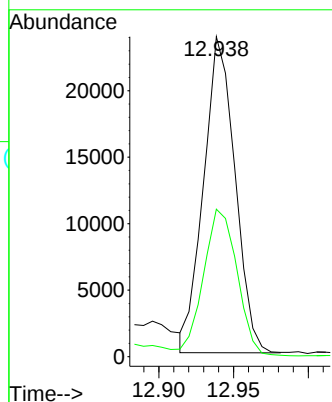
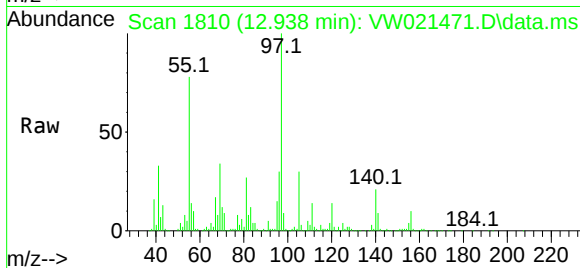
BGL95

Tgt Ion:105 Resp: 34682

Ion Ratio Lower Upper

105 100

120 50.7 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 8.643 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021471.D

Acq: 18 Dec 2021 13:05

Tgt Ion:105 Resp: 89521

Ion Ratio Lower Upper

105 100

120 47.6 35.0 52.6

