

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051122\
 Data File : VW022976.D
 Acq On : 11 May 2022 13:17
 Operator : SY/VA
 Sample : N2767-01
 Misc : 3.96g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGPL8

Quant Time: May 12 01:10:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 12 01:07:03 2022
 Response via : Initial Calibration

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

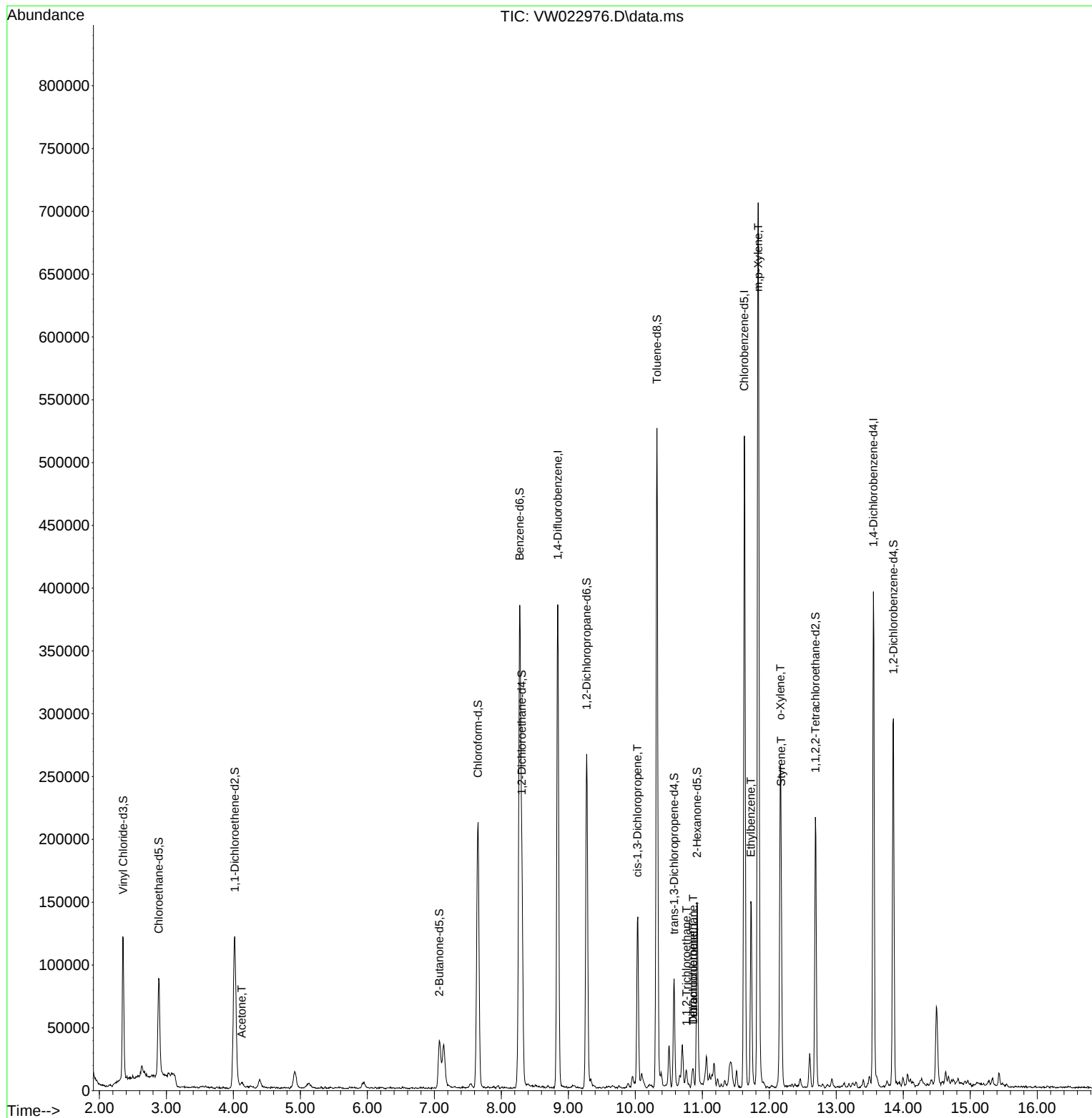
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	320763	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	275445	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	97971	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	106880	16.241	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.960%
7) Chloroethane-d5	2.886	69	87686	20.481	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.920%
11) 1,1-Dichloroethene-d2	4.019	63	116563	13.708	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.840%
21) 2-Butanone-d5	7.074	46	64022	51.167	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.340%
24) Chloroform-d	7.653	84	212710	22.634	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.520%
26) 1,2-Dichloroethane-d4	8.305	65	121149	23.505	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	8.275	84	386915	24.370	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.480%
36) 1,2-Dichloropropane-d6	9.275	67	117801	26.414	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.640%
41) Toluene-d8	10.323	98	336242	21.924	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.680%
43) trans-1,3-Dichloroprop...	10.579	79	45123	21.974	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.880%
47) 2-Hexanone-d5	10.921	63	48299	56.732	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.460%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	99807	24.011	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	72419	21.146	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.600%
Target Compounds						Qvalue
13) Acetone	4.123	43	6732	7.186	ug/L	77
39) cis-1,3-Dichloropropene	10.031	75	4285	0.704	ug/L #	70
45) 1,1,2-Trichloroethane	10.762	97	4926	1.501	ug/L #	19
46) Tetrachloroethene	10.866	164	3067	0.915	ug/L #	78
49) Dibromochloromethane	10.866	129	2955	0.748	ug/L #	11
52) Ethylbenzene	11.725	91	103191	5.101	ug/L	96
53) m,p-Xylene	11.835	106	217210	27.248	ug/L	100
54) o-Xylene	12.164	106	57589	7.528	ug/L	100
55) Styrene	12.177	104	52577	4.045	ug/L	93

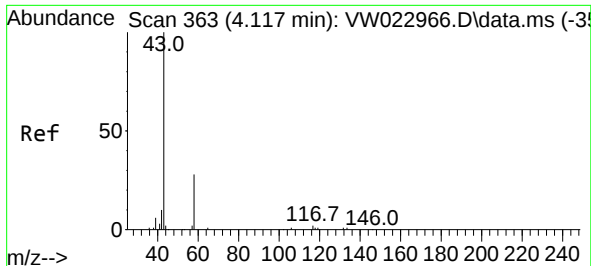
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 12 01:10:46 2022
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Quant Title : SFAM01.0
QLast Update : Thu May 12 01:07:03 2022
Response via : Initial Calibration





#13

Acetone

Concen: 7.186 ug/L

RT: 4.123 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW022976.D

Acq: 11 May 2022 13:17

Instrument :

MSVOA_W

ClientSampleId :

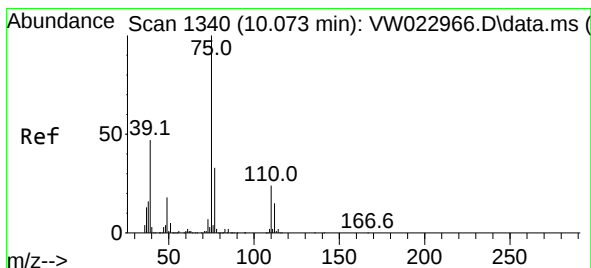
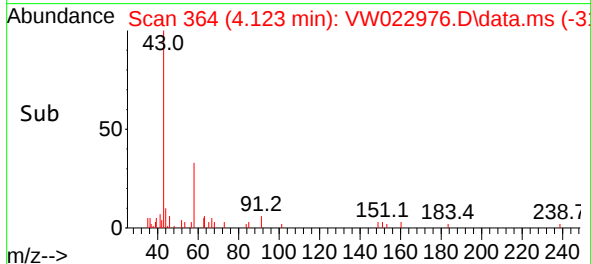
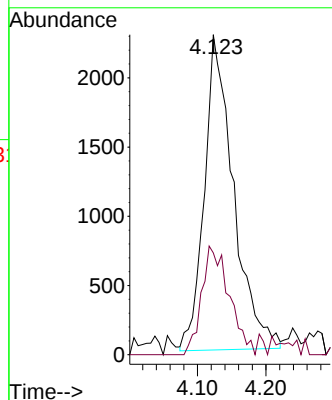
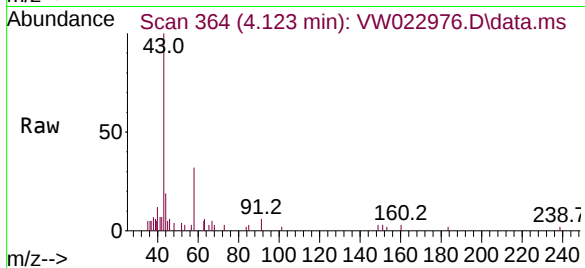
BGPL8

Tgt Ion: 43 Resp: 6732

Ion Ratio Lower Upper

43 100

58 19.1 0.0 64.0



#39

cis-1,3-Dichloropropene

Concen: 0.704 ug/L

RT: 10.031 min Scan# 1333

Delta R.T. -0.042 min

Lab File: VW022976.D

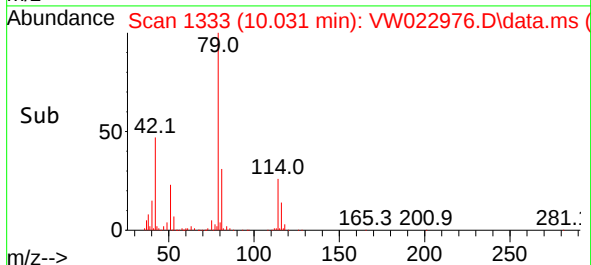
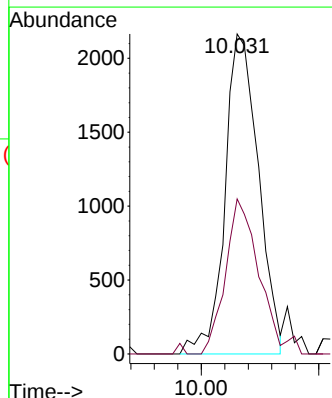
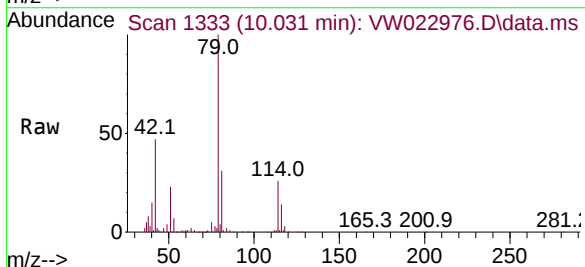
Acq: 11 May 2022 13:17

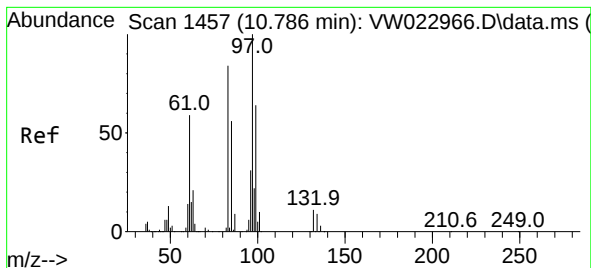
Tgt Ion: 75 Resp: 4285

Ion Ratio Lower Upper

75 100

77 48.5 22.1 41.1#





#45

1,1,2-Trichloroethane

Concen: 1.501 ug/L

RT: 10.762 min Scan# 1453

Delta R.T. -0.024 min

Lab File: VW022976.D

Acq: 11 May 2022 13:17

Instrument :

MSVOA_W

ClientSampleId :

BGPL8

Tgt Ion: 97 Resp: 4926

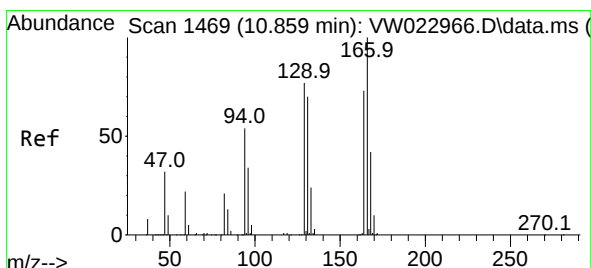
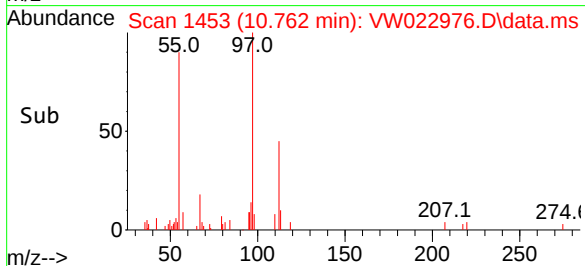
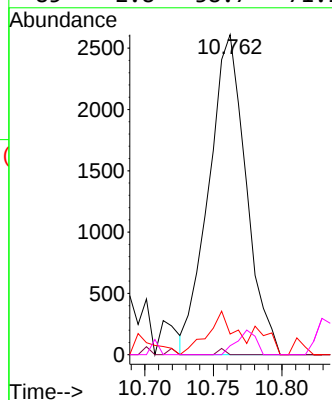
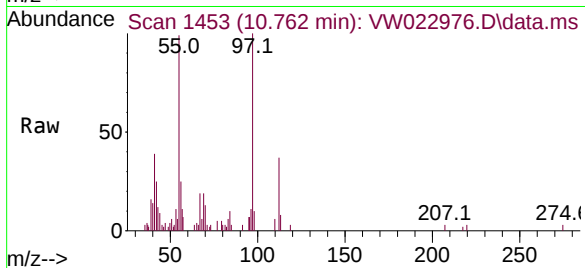
Ion Ratio Lower Upper

97 100

99 0.0 44.7 82.9#

83 6.5 58.4 108.4#

85 2.8 38.7 71.9#



#46

Tetrachloroethene

Concen: 0.915 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW022976.D

Acq: 11 May 2022 13:17

Tgt Ion:164 Resp: 3067

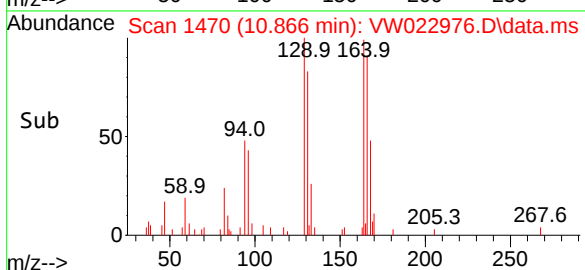
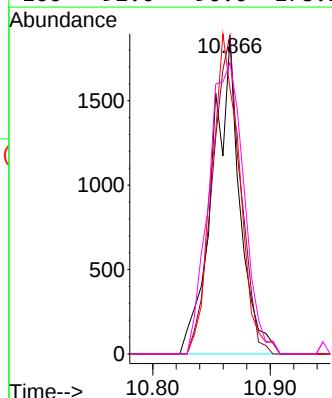
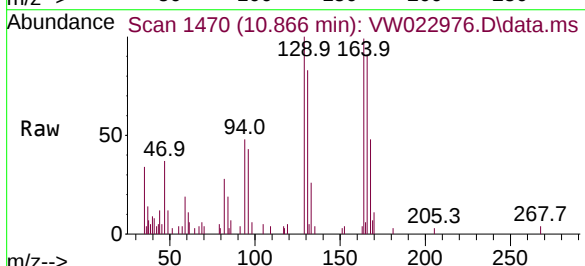
Ion Ratio Lower Upper

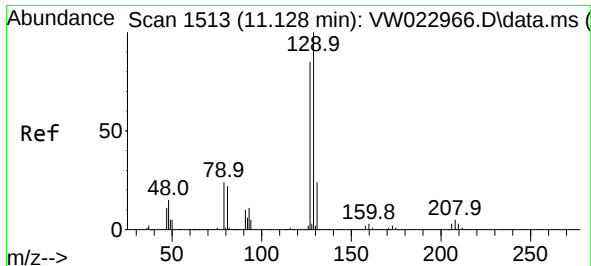
164 100

129 100.7 76.9 142.7

131 89.1 75.1 139.5

166 92.0 96.0 178.2#





#49

Dibromochloromethane

Concen: 0.748 ug/L

RT: 10.866 min Scan# 14

Delta R.T. -0.262 min

Lab File: VW022976.D

Acq: 11 May 2022 13:17

Instrument :

MSVOA_W

ClientSampleId :

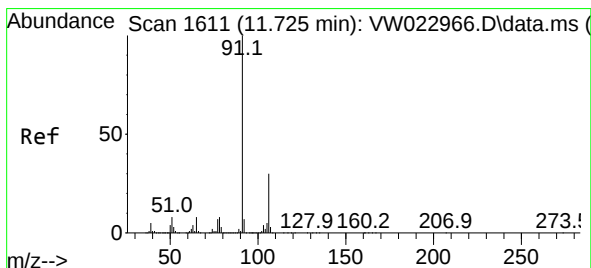
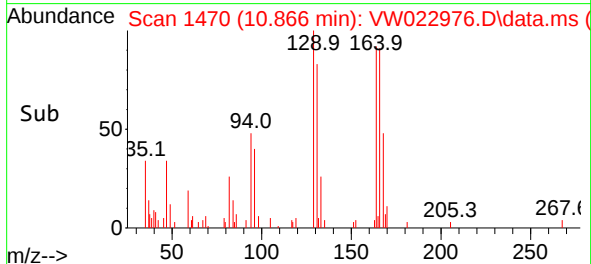
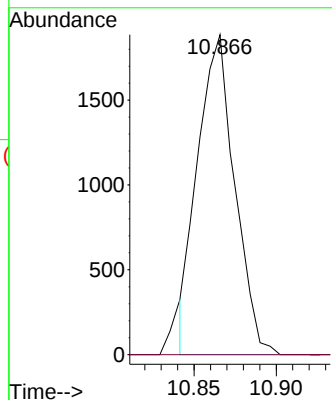
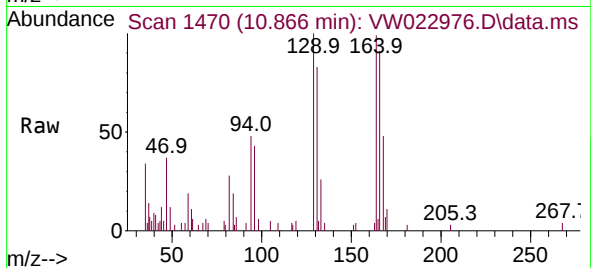
BGPL8

Tgt Ion:129 Resp: 2955

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#52

Ethylbenzene

Concen: 5.101 ug/L

RT: 11.725 min Scan# 1611

Delta R.T. 0.000 min

Lab File: VW022976.D

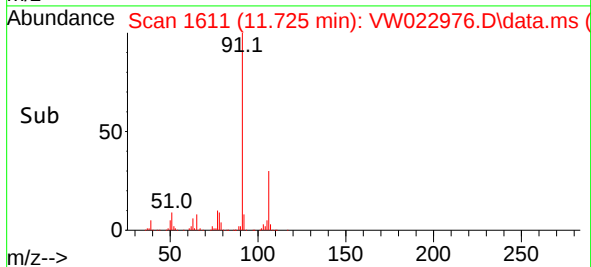
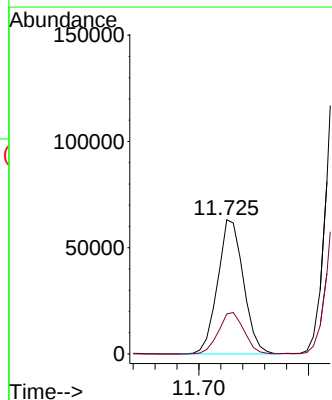
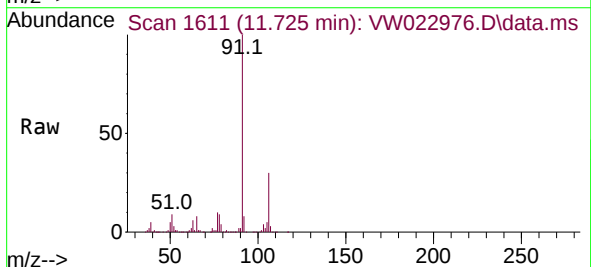
Acq: 11 May 2022 13:17

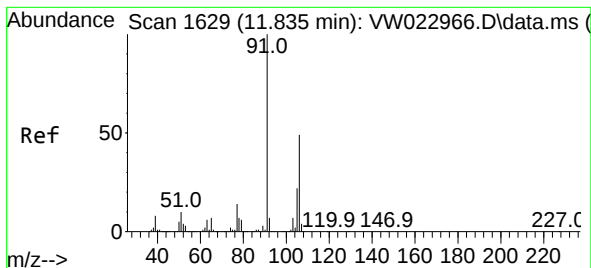
Tgt Ion: 91 Resp: 103191

Ion Ratio Lower Upper

91 100

106 29.8 22.3 41.3

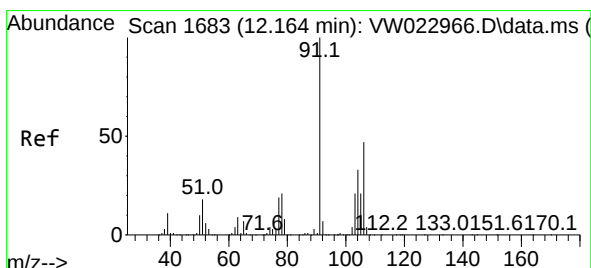
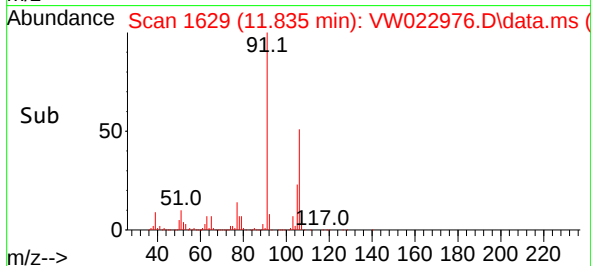
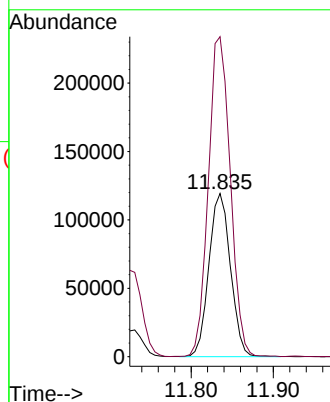
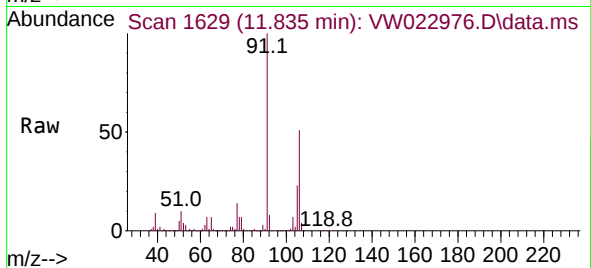




#53
m,p-Xylene
Concen: 27.248 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022976.D
Acq: 11 May 2022 13:17

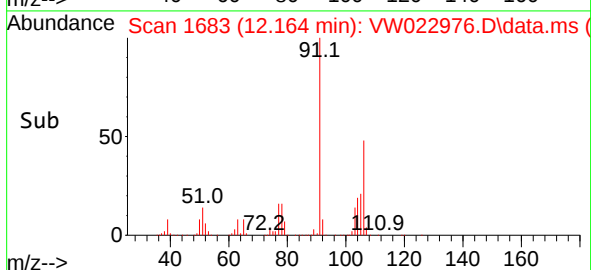
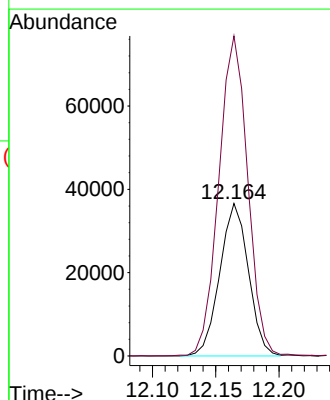
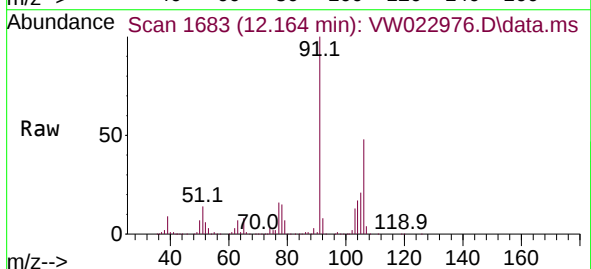
Instrument :
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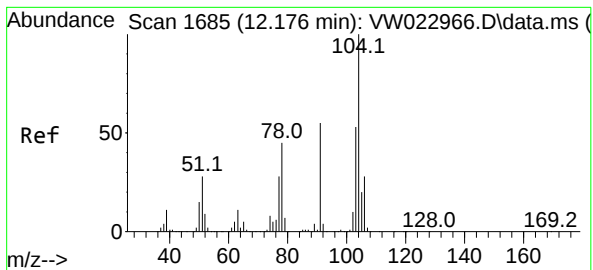
Tgt Ion:106 Resp: 217210
Ion Ratio Lower Upper
106 100
91 196.1 136.8 254.0



#54
o-Xylene
Concen: 7.528 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022976.D
Acq: 11 May 2022 13:17

Tgt Ion:106 Resp: 57589
Ion Ratio Lower Upper
106 100
91 209.9 147.2 273.4





#55
 Styrene
 Concen: 4.045 ug/L
 RT: 12.177 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW022976.D
 Acq: 11 May 2022 13:17

Instrument :
 MSVOA_W
 ClientSampleId :
 BGPL8

Tgt Ion:104 Resp: 52577
 Ion Ratio Lower Upper
 104 100
 78 51.0 32.3 59.9

