

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021851.D
 Acq On : 11 Jan 2022 22:56
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 12 00:53:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:49:08 2022
 Response via : Initial Calibration

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

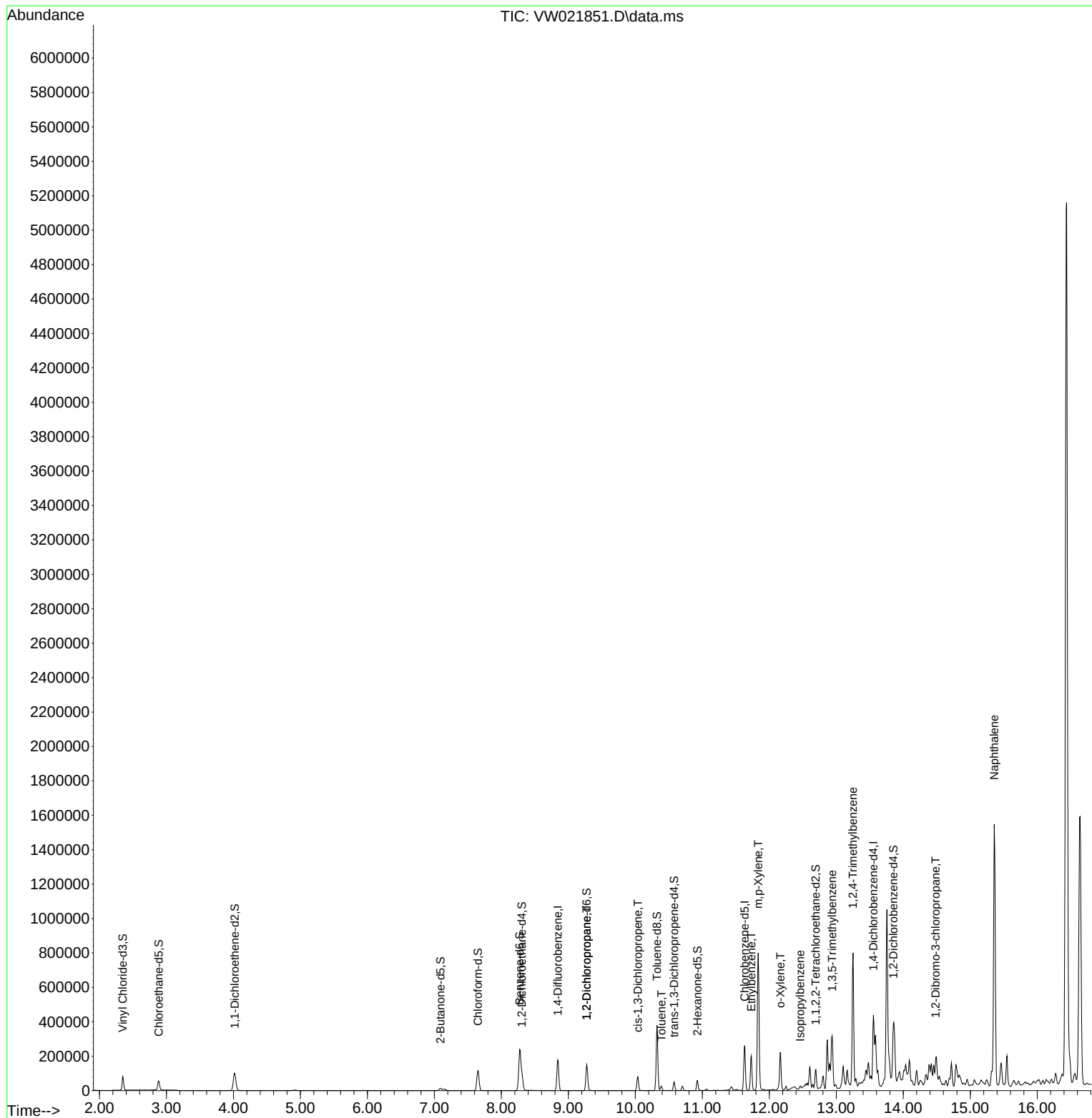
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	169357	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	161250	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	99471	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	74193	23.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.280%
7) Chloroethane-d5	2.885	69	57297	20.157	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.640%
11) 1,1-Dichloroethene-d2	4.019	63	93676	18.850	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.400%
21) 2-Butanone-d5	7.092	46	23448	52.776	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.560%
24) Chloroform-d	7.653	84	119731	21.884	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.520%
26) 1,2-Dichloroethane-d4	8.305	65	59890	22.668	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.680%
32) Benzene-d6	8.275	84	255145	24.385	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.560%
36) 1,2-Dichloropropane-d6	9.274	67	67436	24.453	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.800%
41) Toluene-d8	10.323	98	256435	24.312	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.240%
43) trans-1,3-Dichloroprop...	10.579	79	26556	22.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.720%
47) 2-Hexanone-d5	10.926	63	20642	55.162	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.320%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	49445	22.928	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	96635	23.627	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.520%
Target Compounds						
					Qvalue	
37) 1,2-Dichloropropane	9.274	63	7507	3.485	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	2260	0.675	ug/L #	67
42) Toluene	10.390	91	19693	1.776	ug/L	99
52) Ethylbenzene	11.731	91	145400	11.803	ug/L	94
53) m,p-Xylene	11.835	106	258809	50.241	ug/L	80
54) o-Xylene	12.164	106	62875	13.147	ug/L	86
60) Isopropylbenzene	12.463	105	11101	0.820	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.938	105	109028	9.720	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	439359	39.716	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	3691	13.446	ug/L #	13
71) Naphthalene	15.359	128	1360581	218.687	ug/L	99

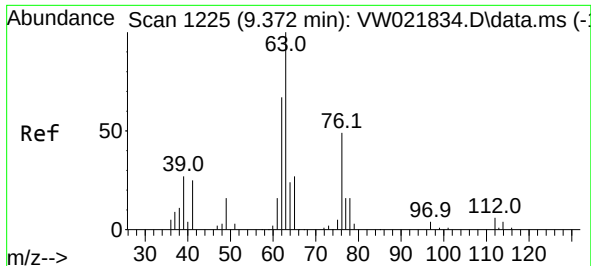
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Jan 12 00:49:08 2022
Response via : Initial Calibration





#37

1,2-Dichloropropane

Concen: 3.485 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021851.D

Acq: 11 Jan 2022 22:56

Instrument :

MSVOA_W

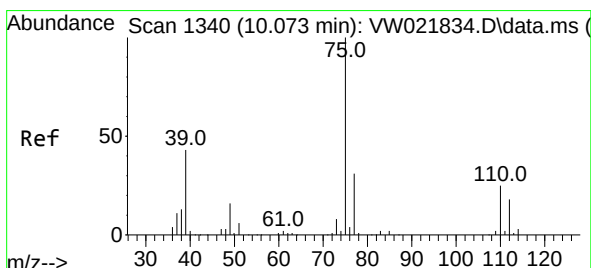
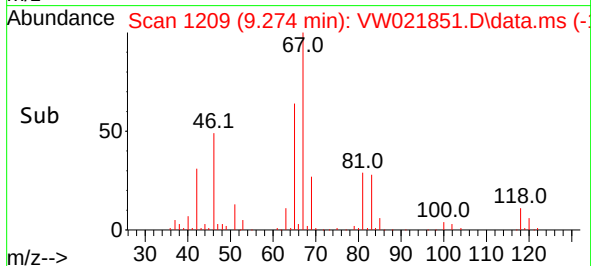
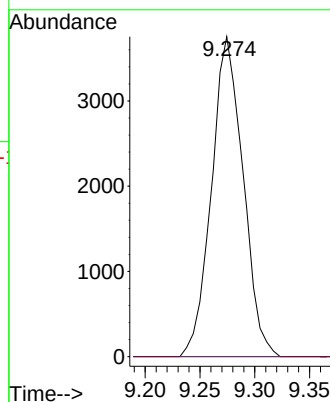
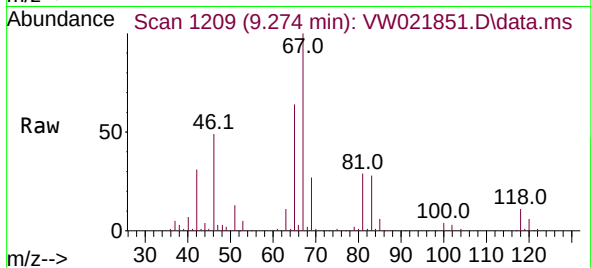
ClientSampleId :

Tgt Ion: 63 Resp: 7507

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.675 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021851.D

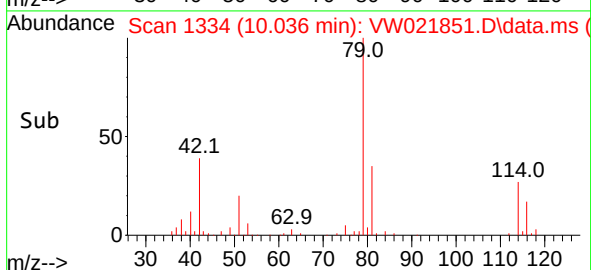
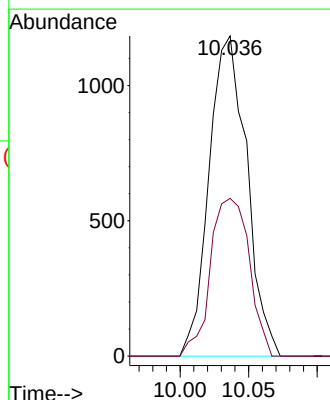
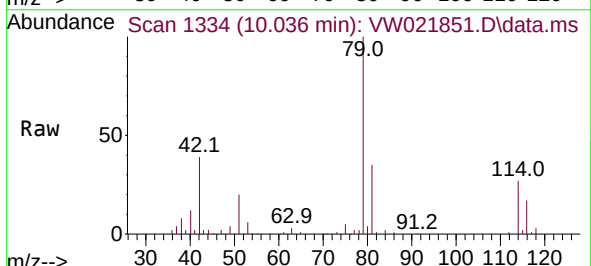
Acq: 11 Jan 2022 22:56

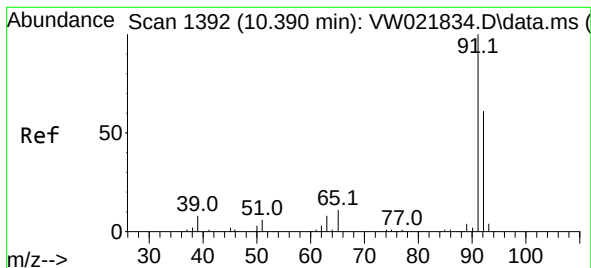
Tgt Ion: 75 Resp: 2260

Ion Ratio Lower Upper

75 100

77 49.3 21.8 40.6#





#42

Toluene

Concen: 1.776 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW021851.D

Acq: 11 Jan 2022 22:56

Instrument :

MSVOA_W

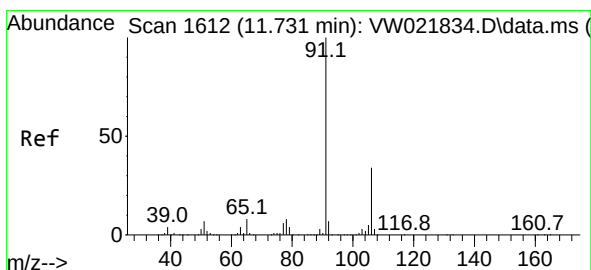
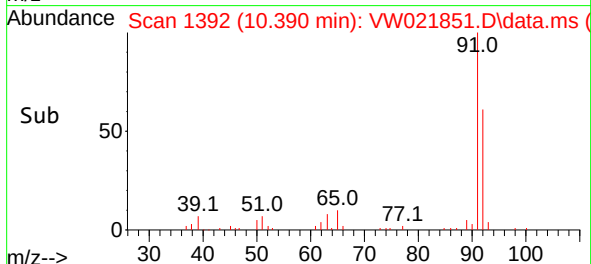
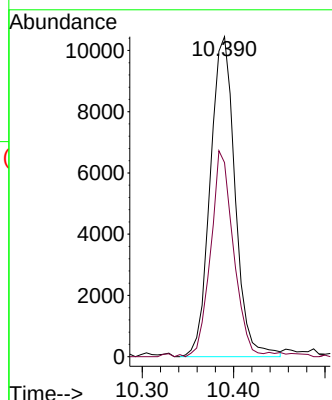
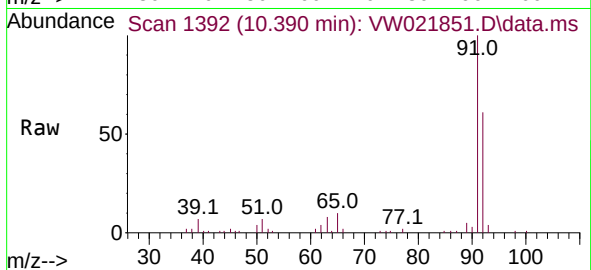
ClientSampleId :

Tgt Ion: 91 Resp: 19693

Ion Ratio Lower Upper

91 100

92 60.7 41.7 77.5



#52

Ethylbenzene

Concen: 11.803 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VW021851.D

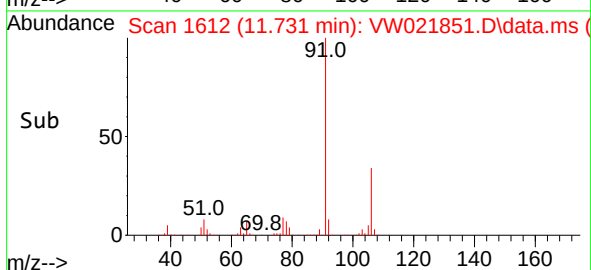
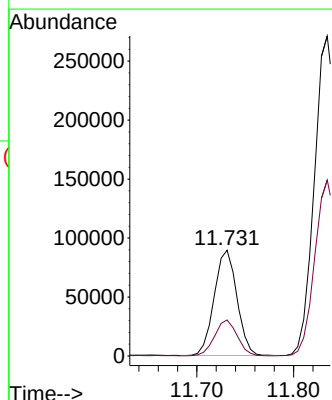
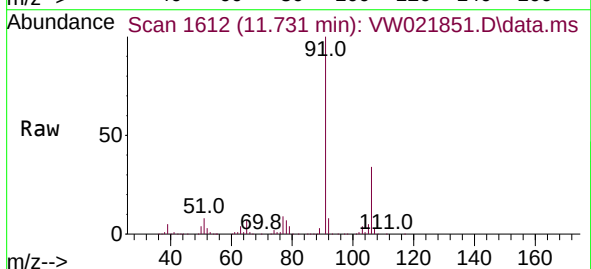
Acq: 11 Jan 2022 22:56

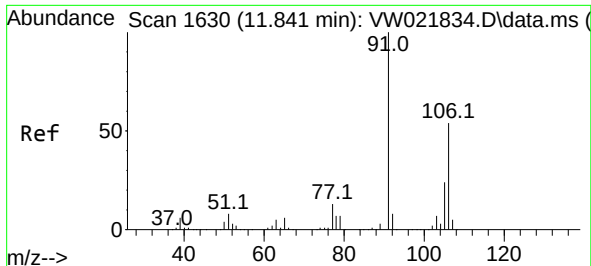
Tgt Ion: 91 Resp: 145400

Ion Ratio Lower Upper

91 100

106 34.0 21.5 39.9

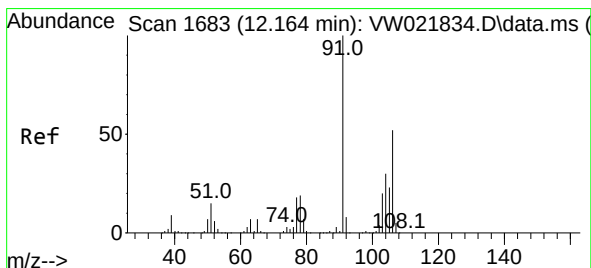
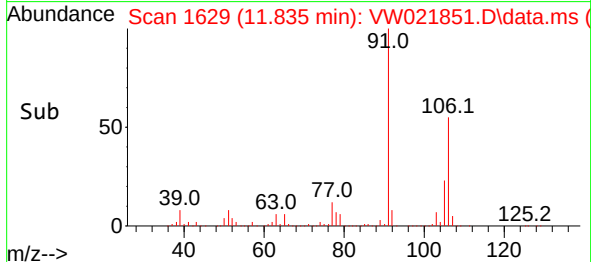
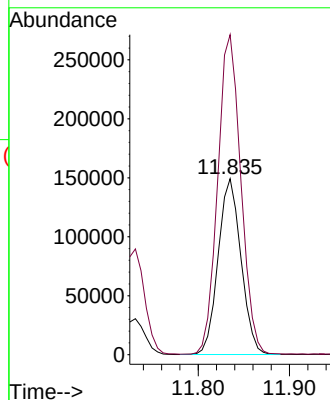
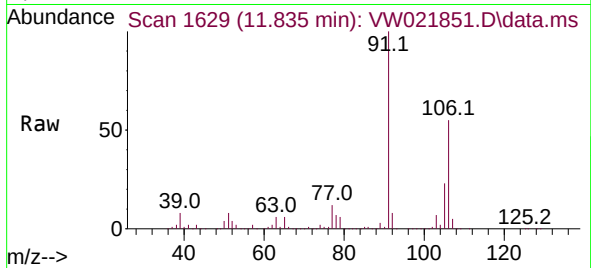




#53
m,p-Xylene
Concen: 50.241 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021851.D
Acq: 11 Jan 2022 22:56

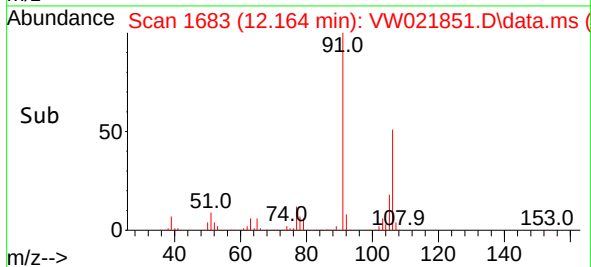
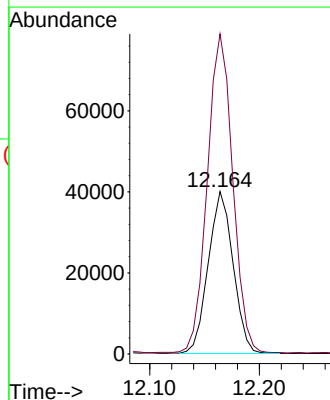
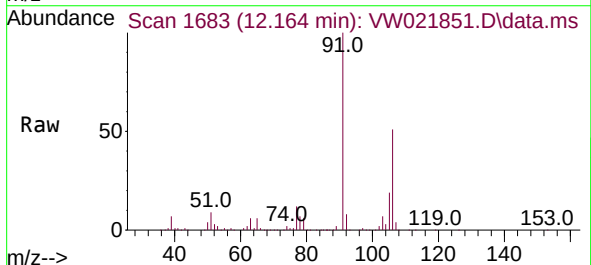
Instrument :
MSVOA_W
ClientSampleId :

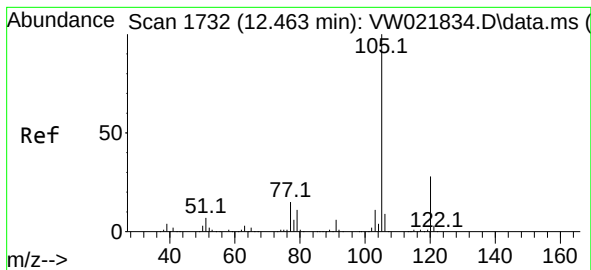
Tgt Ion:106 Resp: 258809
Ion Ratio Lower Upper
106 100
91 181.7 149.9 278.3



#54
o-Xylene
Concen: 13.147 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021851.D
Acq: 11 Jan 2022 22:56

Tgt Ion:106 Resp: 62875
Ion Ratio Lower Upper
106 100
91 197.0 153.6 285.3





#60

Isopropylbenzene

Concen: 0.820 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021851.D

Acq: 11 Jan 2022 22:56

Instrument :

MSVOA_W

ClientSampleId :

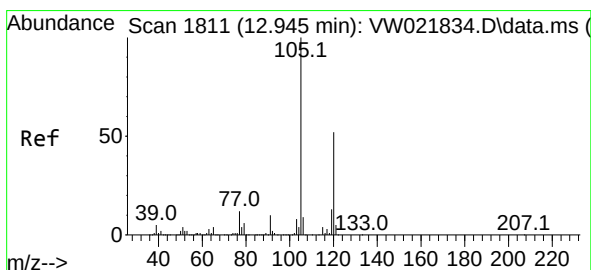
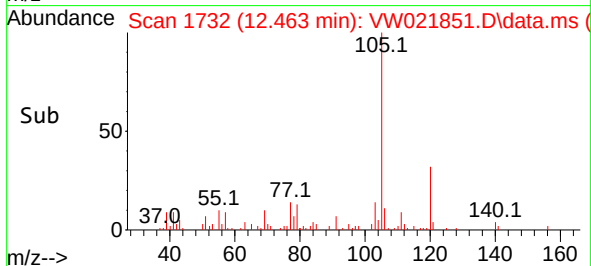
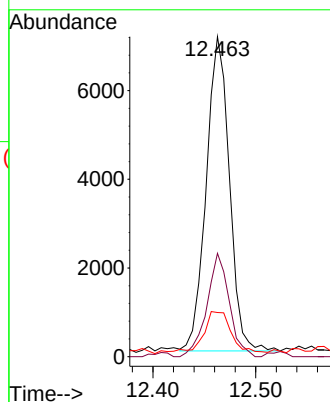
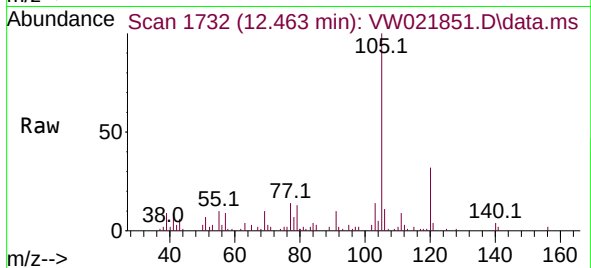
Tgt Ion:105 Resp: 11101

Ion Ratio Lower Upper

105 100

120 31.5 20.1 30.1#

77 14.4 13.8 20.8



#62

1,3,5-Trimethylbenzene

Concen: 9.720 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW021851.D

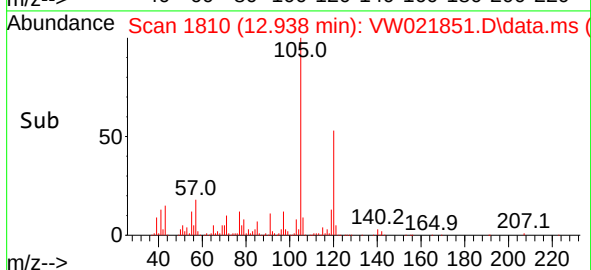
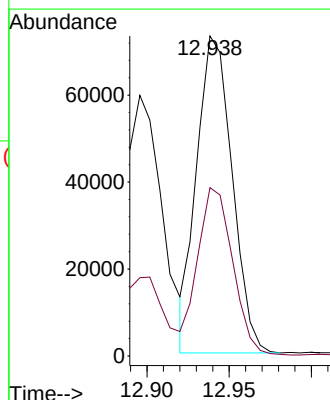
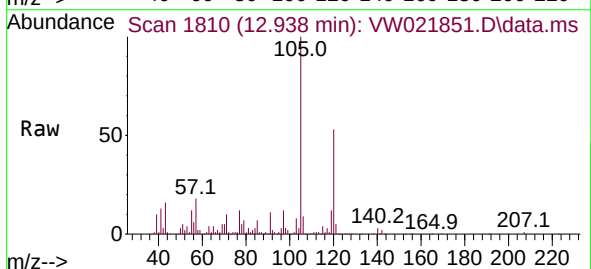
Acq: 11 Jan 2022 22:56

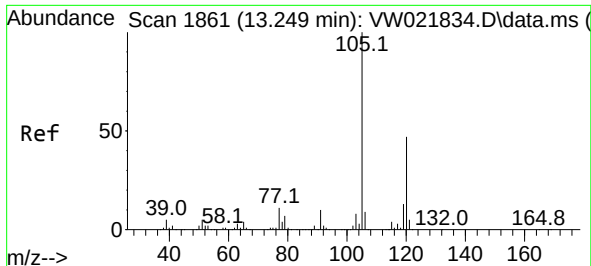
Tgt Ion:105 Resp: 109028

Ion Ratio Lower Upper

105 100

120 52.3 37.4 56.2

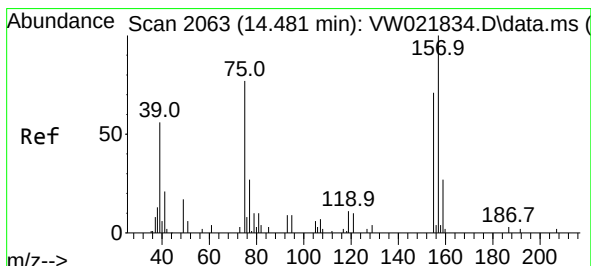
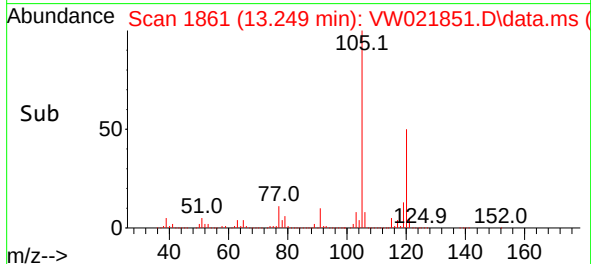
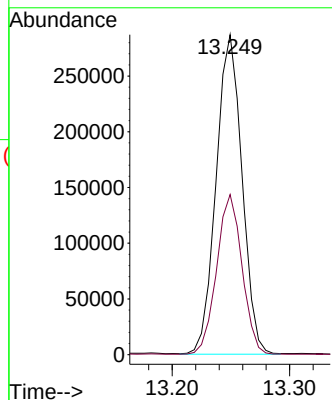
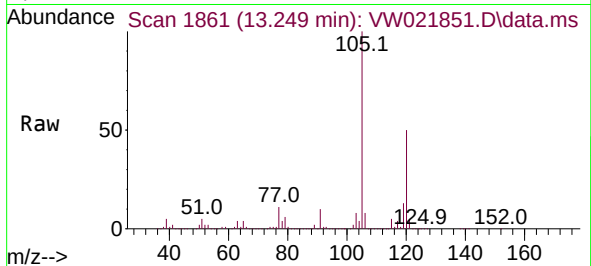




#63
 1,2,4-Trimethylbenzene
 Concen: 39.716 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW021851.D
 Acq: 11 Jan 2022 22:56

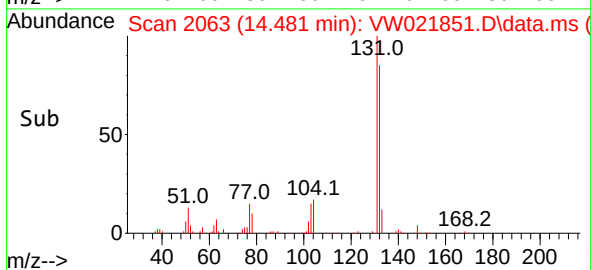
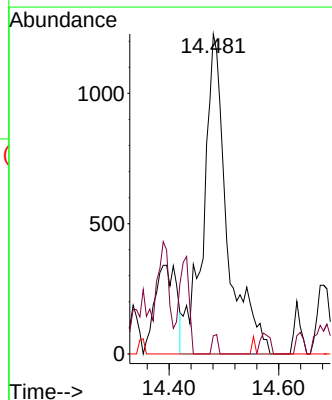
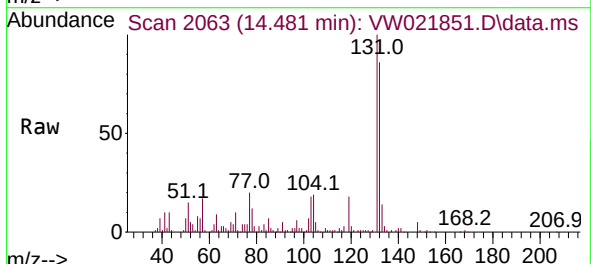
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 MSVOA_W
 ClientSampleId :

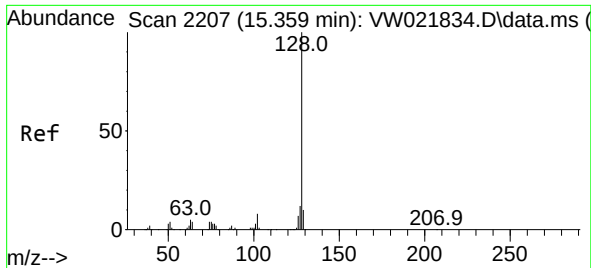
Tgt Ion:105 Resp: 439359
 Ion Ratio Lower Upper
 105 100
 120 48.9 35.0 52.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 13.446 ug/L
 RT: 14.481 min Scan# 2063
 Delta R.T. -0.000 min
 Lab File: VW021851.D
 Acq: 11 Jan 2022 22:56

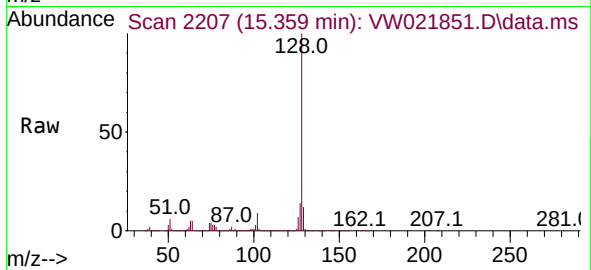
Tgt Ion: 75 Resp: 3691
 Ion Ratio Lower Upper
 75 100
 155 5.7 54.2 81.2#
 157 0.0 69.4 104.2#





#71
Naphthalene
Concen: 218.687 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW021851.D
Acq: 11 Jan 2022 22:56

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 1360581
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.2 8.6 12.8

