

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
 Data File : VW022027.D
 Acq On : 02 Feb 2022 13:28
 Operator : SY/VA
 Sample : N1353-07RE
 Misc : 3.41g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COVE8RE

Quant Time: Feb 03 00:42:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 03 00:41:48 2022
 Response via : Initial Calibration

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

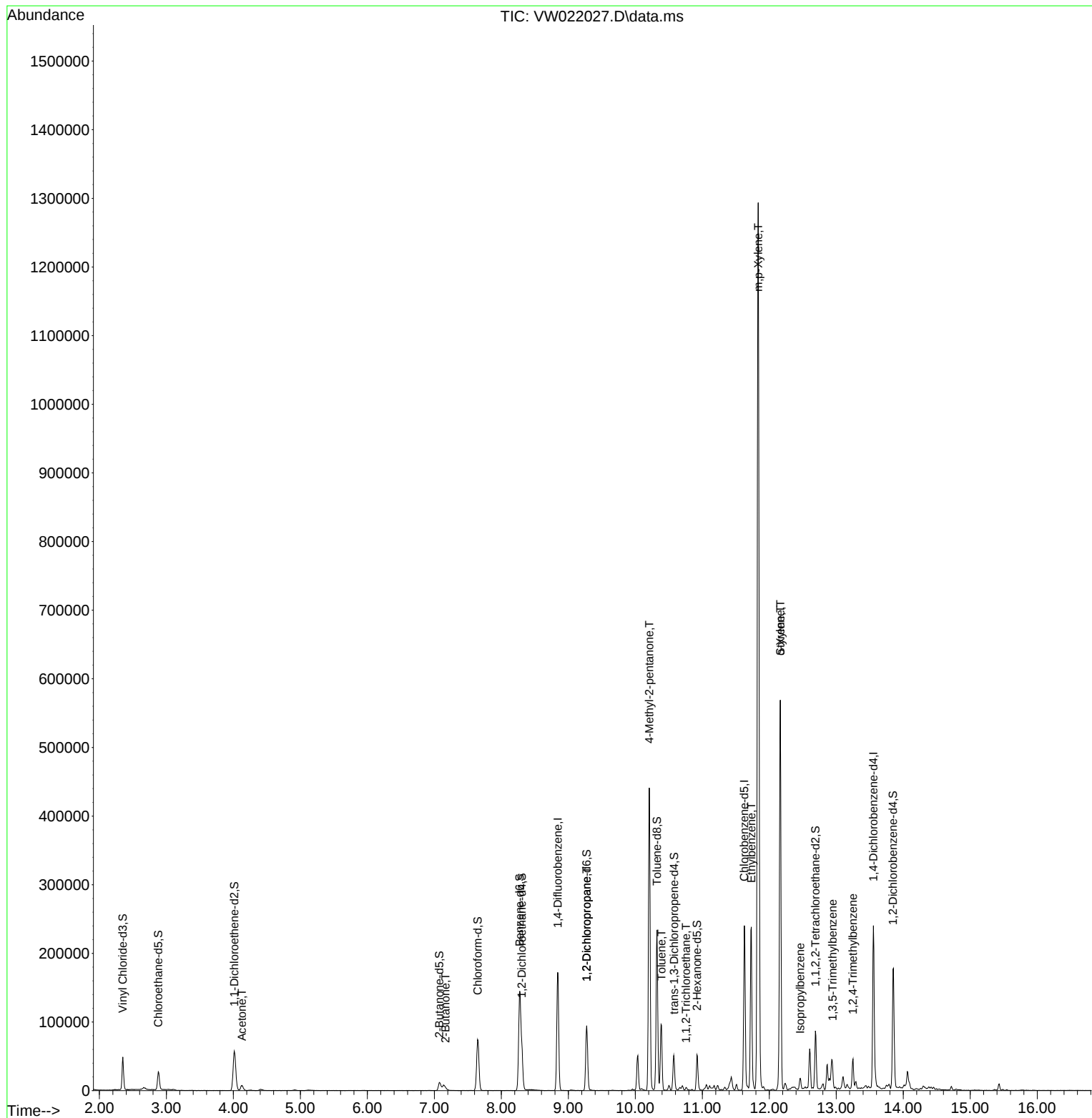
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	155121	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	138727	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	63669	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	43023	23.025	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.120%
7) Chloroethane-d5	2.879	69	27376	19.031	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.120%
11) 1,1-Dichloroethene-d2	4.013	63	52068	15.772	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.080%
21) 2-Butanone-d5	7.074	46	18951	57.182	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.360%
24) Chloroform-d	7.647	84	76454	21.184	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.720%
26) 1,2-Dichloroethane-d4	8.305	65	42199	23.502	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	8.275	84	154462	22.033	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.120%
36) 1,2-Dichloropropane-d6	9.274	67	41841	21.942	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.760%
41) Toluene-d8	10.323	98	150688	21.688	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.760%
43) trans-1,3-Dichloroprop...	10.579	79	18679	22.366	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.480%
47) 2-Hexanone-d5	10.921	63	16686	60.187	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.380%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	38413	24.699	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	13.847	152	49764	21.666	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.680%
Target Compounds						Qvalue
13) Acetone	4.129	43	12815	41.403	ug/L	97
22) 2-Butanone	7.165	43	1213	3.027	ug/L #	1
37) 1,2-Dichloropropane	9.274	63	5251	3.287	ug/L #	82
40) 4-Methyl-2-pentanone	10.207	43	263204	335.807	ug/L	99
42) Toluene	10.390	91	72571	8.802	ug/L	100
45) 1,1,2-Trichloroethane	10.756	97	1629	1.200	ug/L #	25
52) Ethylbenzene	11.731	91	169677	18.652	ug/L	100
53) m,p-Xylene	11.835	106	424042	112.350	ug/L	98
54) o-Xylene	12.164	106	161051	45.615	ug/L	99
55) Styrene	12.164	104	8089	1.418	ug/L #	1
60) Isopropylbenzene	12.463	105	10612	1.276	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	15722	2.850	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	24219	3.603	ug/L	99

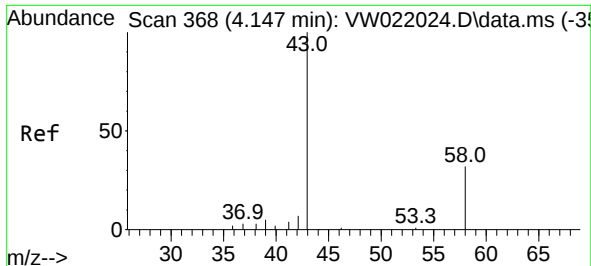
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration





#13

Acetone

Concen: 41.403 ug/L

RT: 4.129 min Scan# 3

Delta R.T. -0.018 min

Lab File: VW022027.D

Acq: 02 Feb 2022 13:28

Instrument :

MSVOA_W

ClientSampleId :

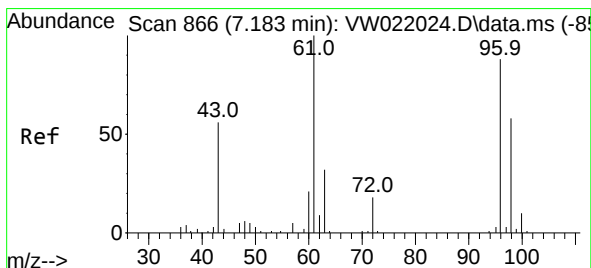
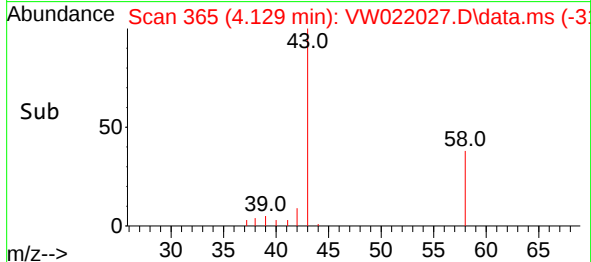
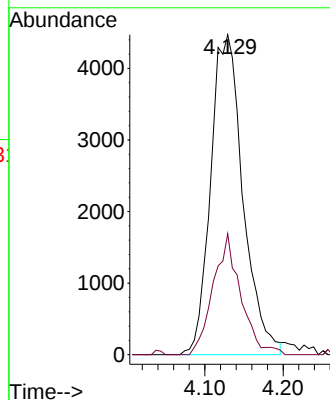
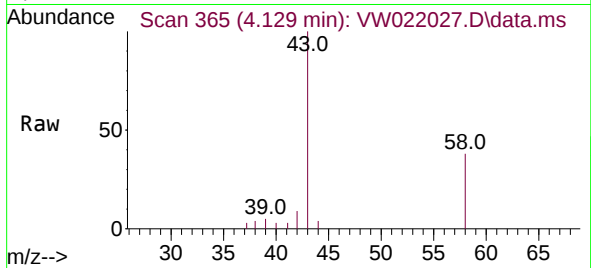
COVE8RE

Tgt Ion: 43 Resp: 12815

Ion Ratio Lower Upper

43 100

58 31.2 0.0 66.0



#22

2-Butanone

Concen: 3.027 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.018 min

Lab File: VW022027.D

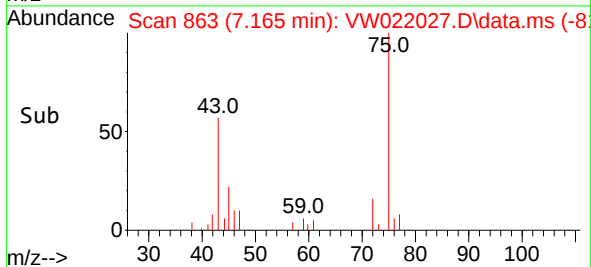
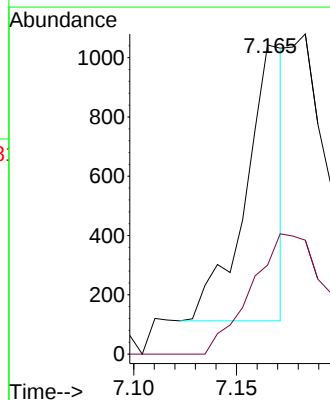
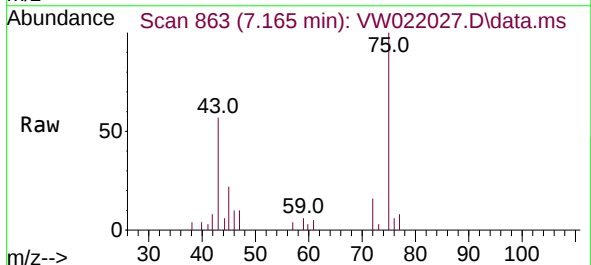
Acq: 02 Feb 2022 13:28

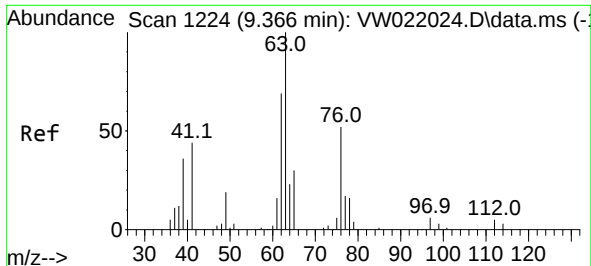
Tgt Ion: 43 Resp: 1213

Ion Ratio Lower Upper

43 100

72 93.2 16.8 50.4#





#37

1,2-Dichloropropane

Concen: 3.287 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW022027.D

Acq: 02 Feb 2022 13:28

Instrument :

MSVOA_W

ClientSampleId :

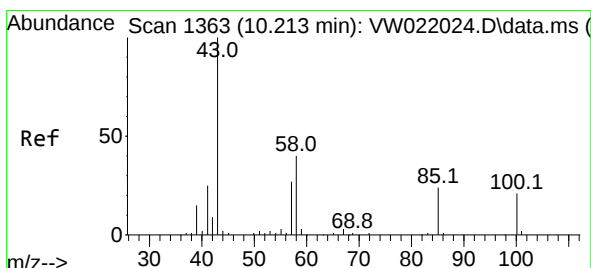
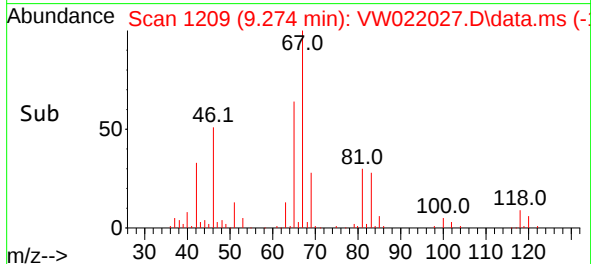
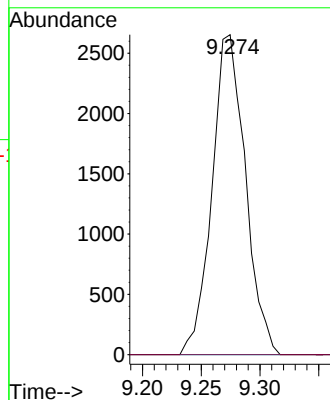
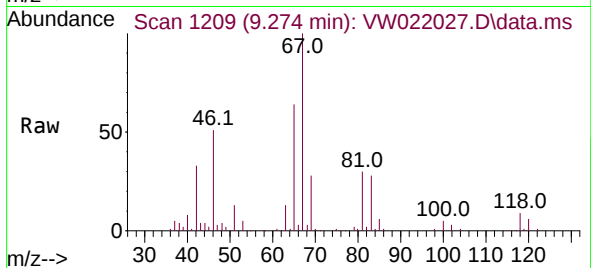
COVE8RE

Tgt Ion: 63 Resp: 5251

Ion Ratio Lower Upper

63 100

112 0.0 4.7 7.1#



#40

4-Methyl-2-pentanone

Concen: 335.807 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW022027.D

Acq: 02 Feb 2022 13:28

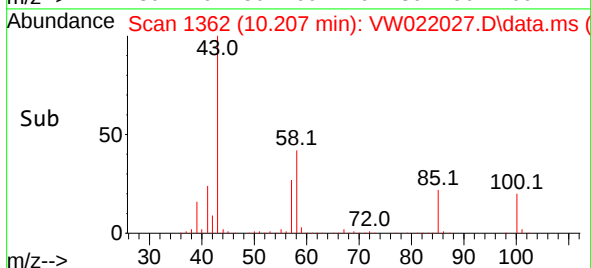
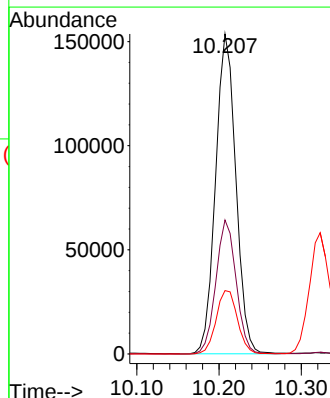
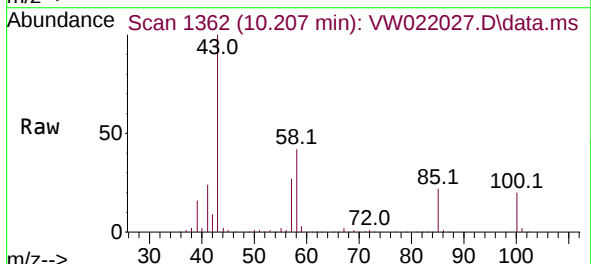
Tgt Ion: 43 Resp: 263204

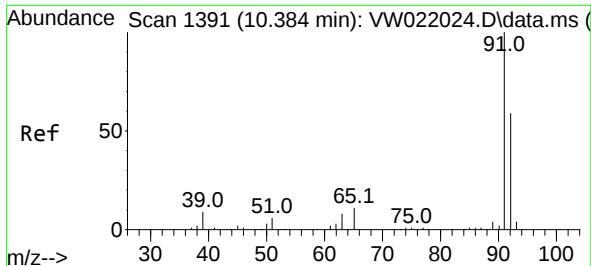
Ion Ratio Lower Upper

43 100

58 41.9 34.4 51.6

100 20.9 17.0 25.4

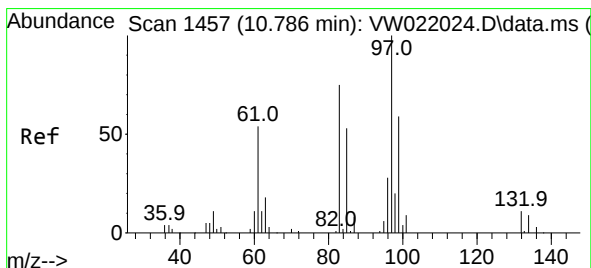
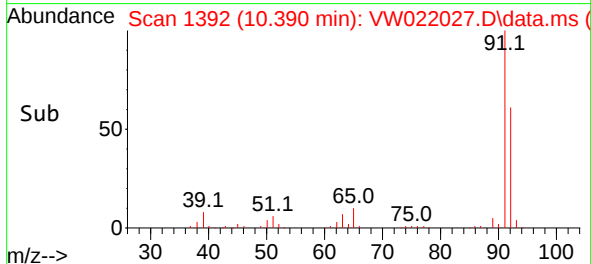
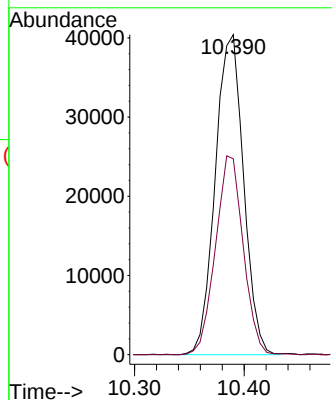
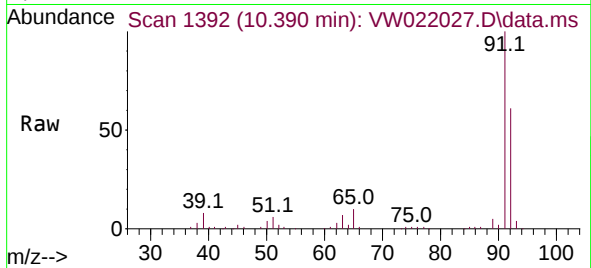




#42
Toluene
Concen: 8.802 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022027.D
Acq: 02 Feb 2022 13:28

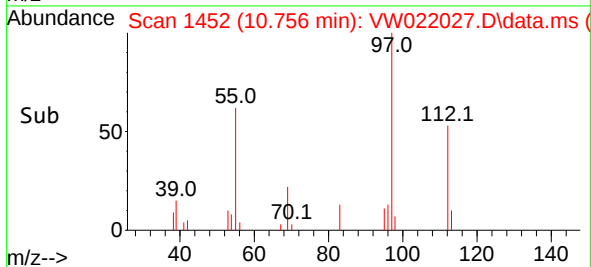
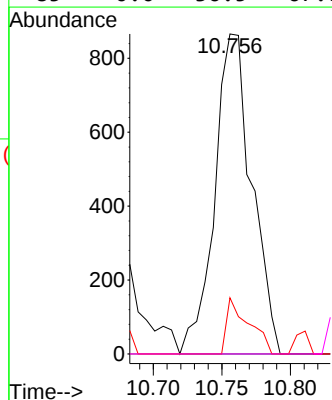
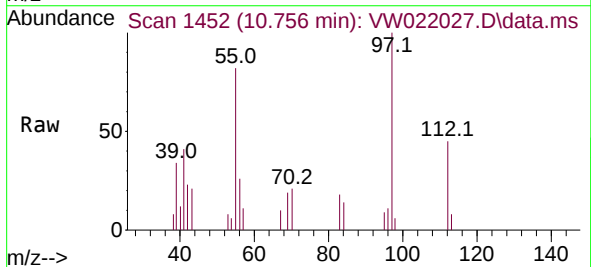
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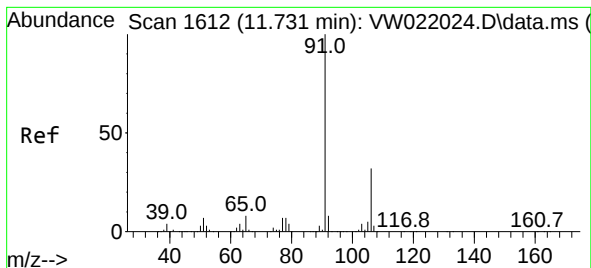
Tgt Ion: 91 Resp: 72571
Ion Ratio Lower Upper
91 100
92 61.2 42.6 79.2



#45
1,1,2-Trichloroethane
Concen: 1.200 ug/L
RT: 10.756 min Scan# 1452
Delta R.T. -0.030 min
Lab File: VW022027.D
Acq: 02 Feb 2022 13:28

Tgt Ion: 97 Resp: 1629
Ion Ratio Lower Upper
97 100
99 0.0 43.8 81.4#
83 17.6 56.1 104.3#
85 0.0 36.5 67.7#

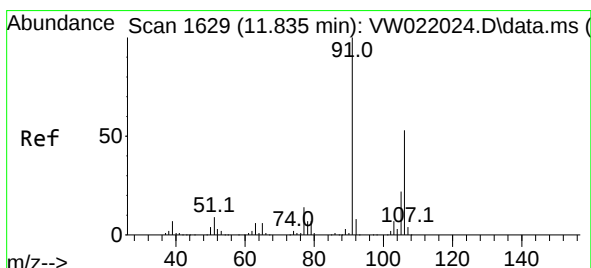
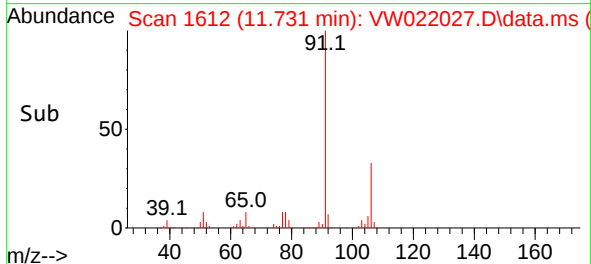
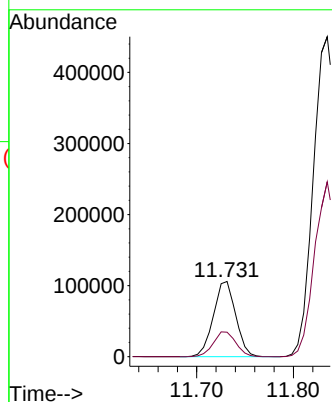
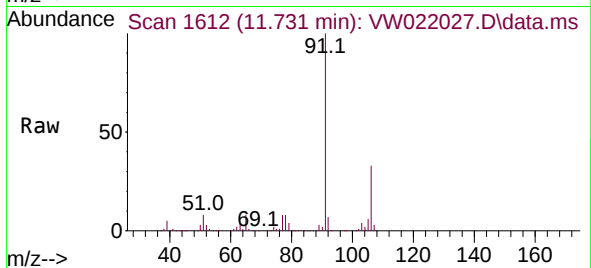




#52
Ethylbenzene
Concen: 18.652 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022027.D
Acq: 02 Feb 2022 13:28

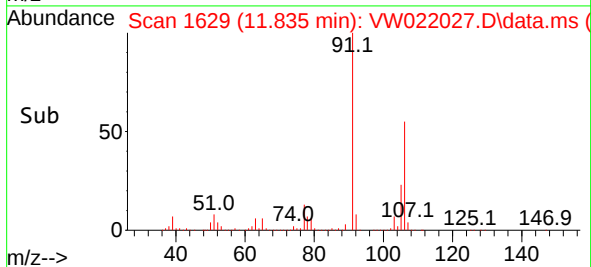
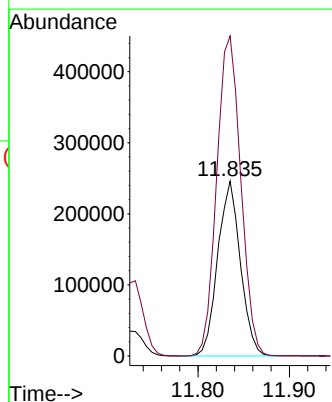
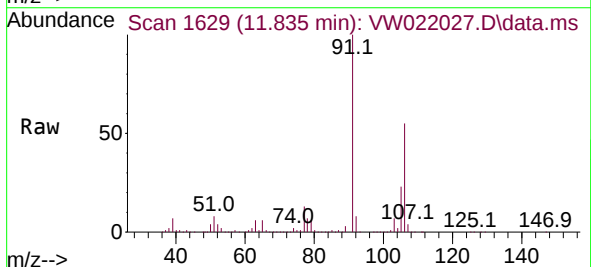
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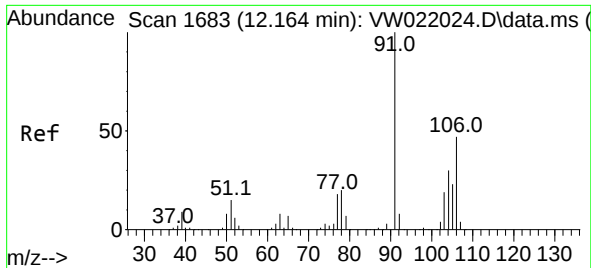
Tgt Ion: 91 Resp: 169677
Ion Ratio Lower Upper
91 100
106 32.5 22.8 42.4



#53
m,p-Xylene
Concen: 112.350 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022027.D
Acq: 02 Feb 2022 13:28

Tgt Ion: 106 Resp: 424042
Ion Ratio Lower Upper
106 100
91 182.9 129.6 240.8

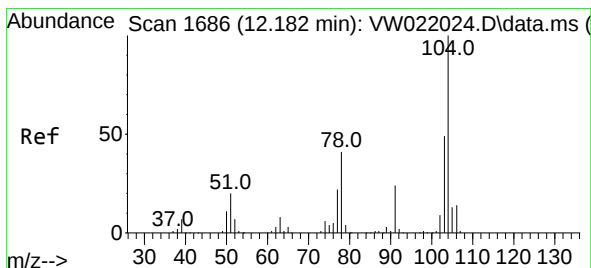
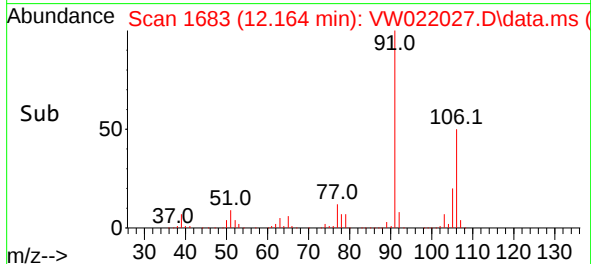
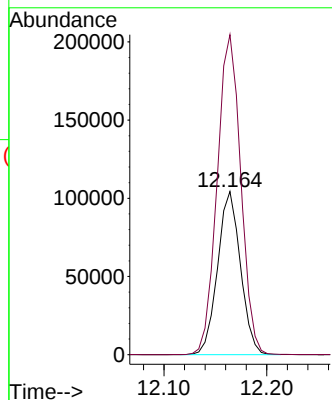
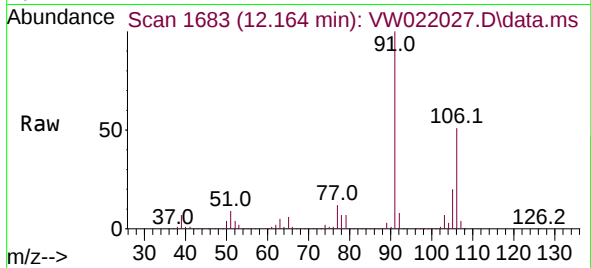




#54
o-Xylene
Concen: 45.615 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022027.D
Acq: 02 Feb 2022 13:28

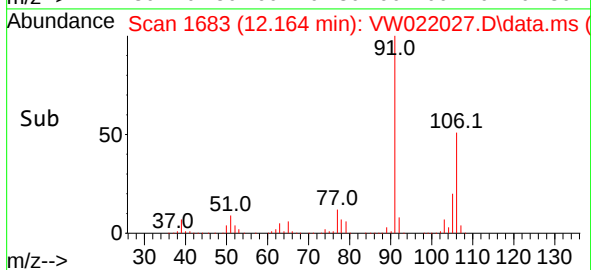
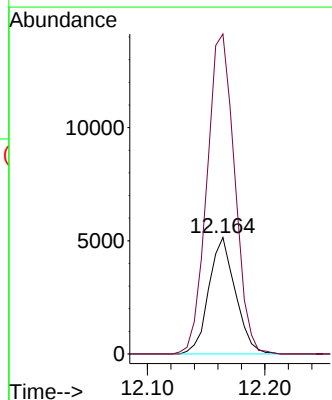
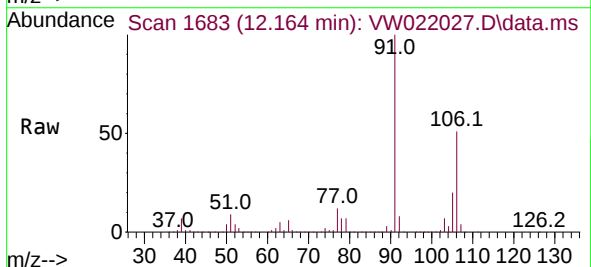
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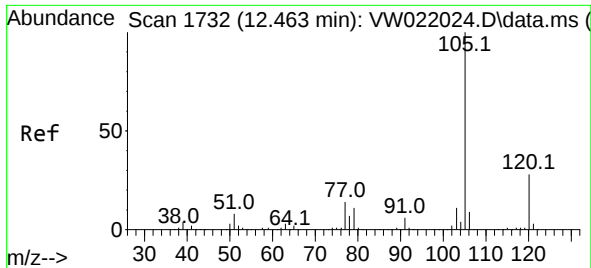
Tgt Ion:106 Resp: 161051
Ion Ratio Lower Upper
106 100
91 196.1 136.4 253.4



#55
Styrene
Concen: 1.418 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.018 min
Lab File: VW022027.D
Acq: 02 Feb 2022 13:28

Tgt Ion:104 Resp: 8089
Ion Ratio Lower Upper
104 100
78 274.6 30.9 57.5#

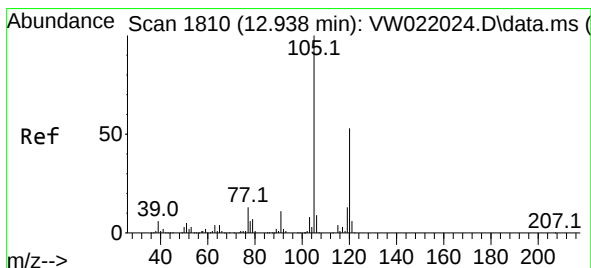
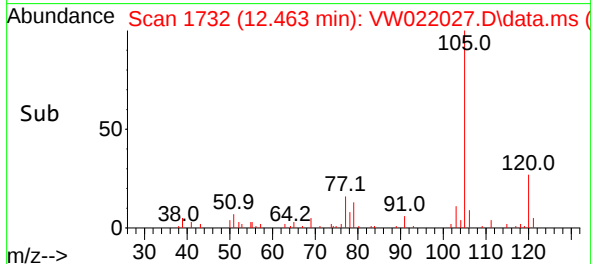
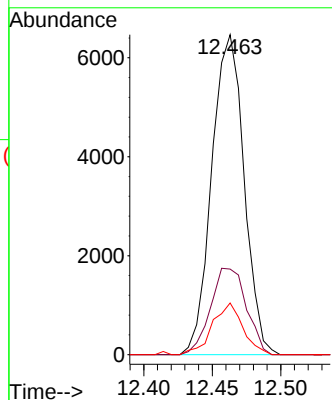
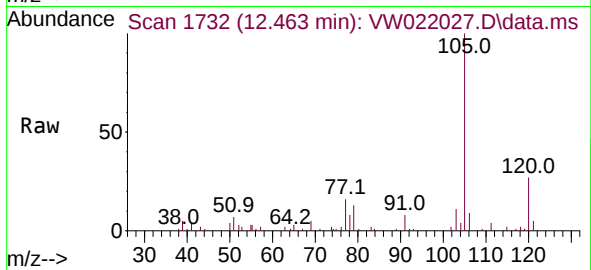




#60
Isopropylbenzene
Concen: 1.276 ug/L
RT: 12.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022027.D
Acq: 02 Feb 2022 13:28

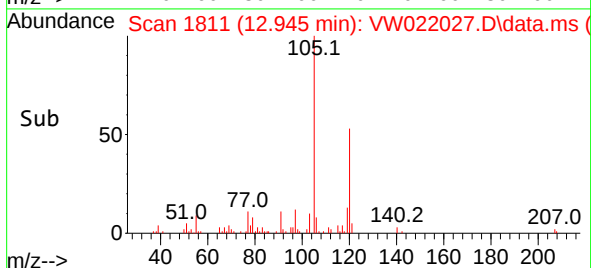
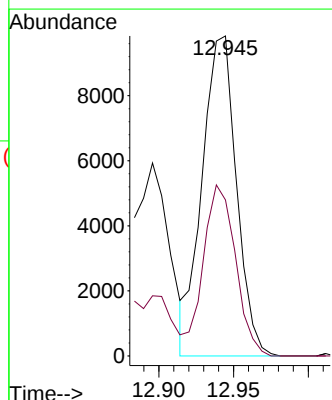
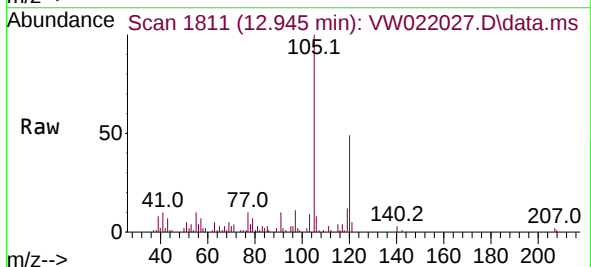
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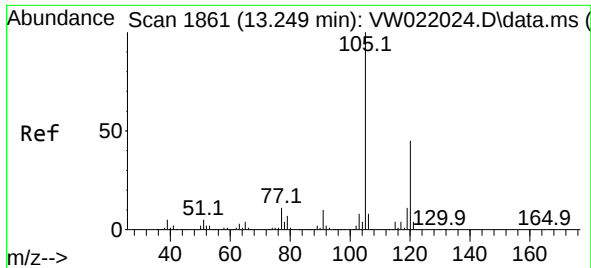
Tgt Ion:105 Resp: 10612
Ion Ratio Lower Upper
105 100
120 30.0 22.1 33.1
77 15.3 11.8 17.8



#62
1,3,5-Trimethylbenzene
Concen: 2.850 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW022027.D
Acq: 02 Feb 2022 13:28

Tgt Ion:105 Resp: 15722
Ion Ratio Lower Upper
105 100
120 50.4 40.9 61.3





#63
 1,2,4-Trimethylbenzene
 Concen: 3.603 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022027.D
 Acq: 02 Feb 2022 13:28

Instrument :
 MSVOA_W
 ClientSampleId :
 COVE8RE

Tgt Ion:105 Resp: 24219
 Ion Ratio Lower Upper
 105 100
 120 47.6 37.8 56.8

