

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
 Data File : VW021641.D
 Acq On : 25 Dec 2021 13:20
 Operator : SY/VA
 Sample : M5174-03RE
 Misc : 5.10g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBC14RE

Quant Time: Dec 27 00:40:23 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)

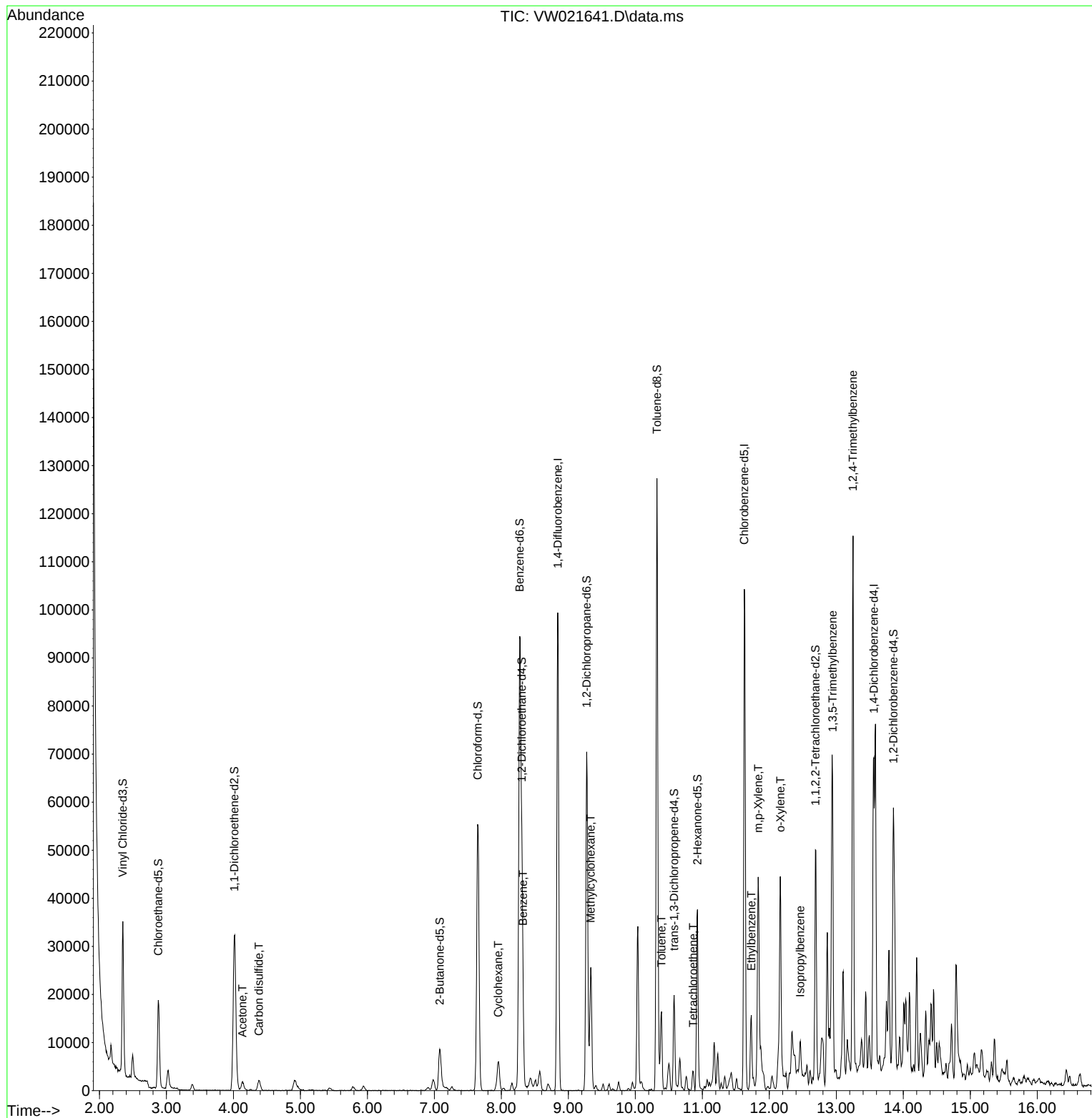
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	85318	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	58962	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	17782	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	27176	17.489	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.960%
7) Chloroethane-d5	2.879	69	20962	20.406	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.640%
11) 1,1-Dichloroethene-d2	4.013	63	30546	14.745	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.000%
21) 2-Butanone-d5	7.080	46	15318	69.935	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.860%#
24) Chloroform-d	7.647	84	56933	23.945	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	8.305	65	32830	25.958	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.840%
32) Benzene-d6	8.275	84	96465	29.848	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.400%
36) 1,2-Dichloropropane-d6	9.274	67	29174	33.659	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	134.640%#
41) Toluene-d8	10.323	98	76372	23.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.520%
43) trans-1,3-Dichloroprop...	10.579	79	10472	26.239	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.960%
47) 2-Hexanone-d5	10.926	63	12216	95.311	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	190.620%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	20300	27.245	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	13547	19.658	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.640%
Target Compounds						Qvalue
13) Acetone	4.135	43	3541	18.033	ug/L	92
14) Carbon disulfide	4.379	76	4598	1.684	ug/L	98
29) Cyclohexane	7.951	56	3261	2.779	ug/L	# 85
33) Benzene	8.323	78	4505	1.403	ug/L	100
35) Methylcyclohexane	9.335	83	10525	7.076	ug/L	90
42) Toluene	10.390	91	11770	3.133	ug/L	98
46) Tetrachloroethene	10.866	164	918	1.072	ug/L	94
52) Ethylbenzene	11.731	91	8859	2.064	ug/L	94
53) m,p-Xylene	11.835	106	12093	6.983	ug/L	100
54) o-Xylene	12.164	106	11606	7.062	ug/L	91
60) Isopropylbenzene	12.463	105	5450	2.256	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	30394	14.782	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	59333	29.253	ug/L	95

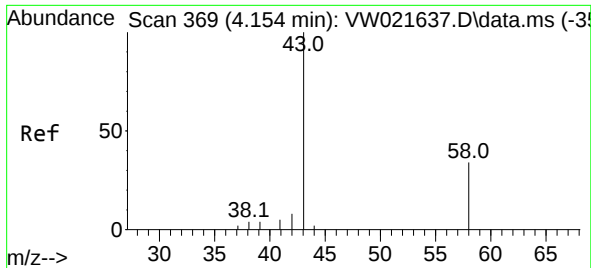
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 18.033 ug/L

RT: 4.135 min Scan# 3

Delta R.T. -0.024 min

Lab File: VW021641.D

Acq: 25 Dec 2021 13:20

Instrument :

MSVOA_W

ClientSampleId :

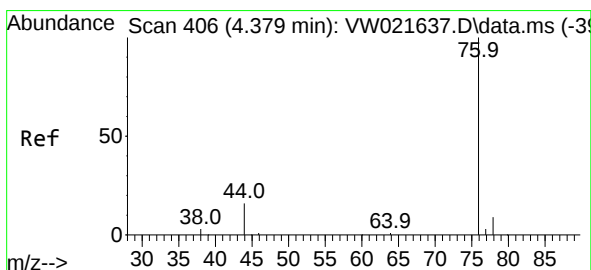
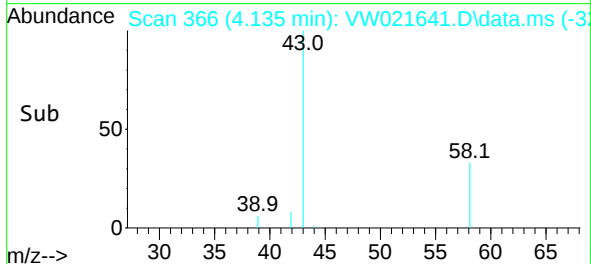
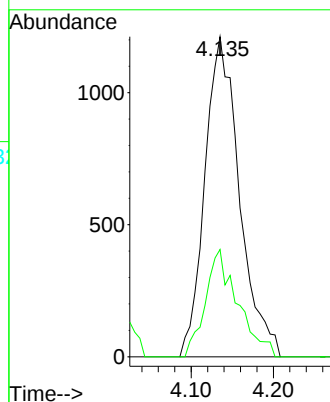
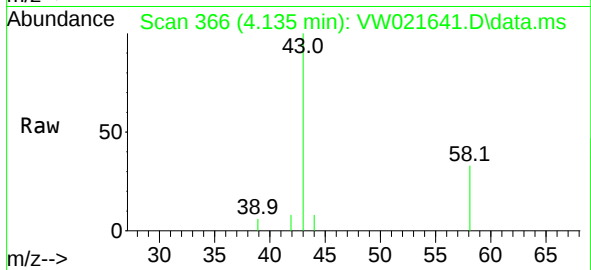
GBC14RE

Tgt Ion: 43 Resp: 3541

Ion Ratio Lower Upper

43 100

58 30.7 0.0 52.8



#14

Carbon disulfide

Concen: 1.684 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW021641.D

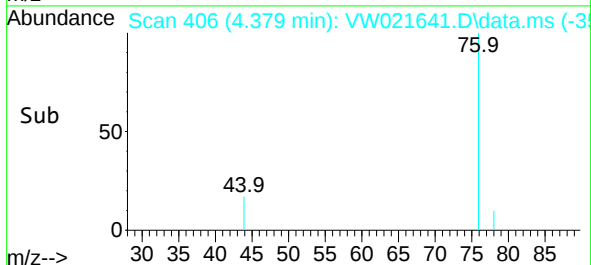
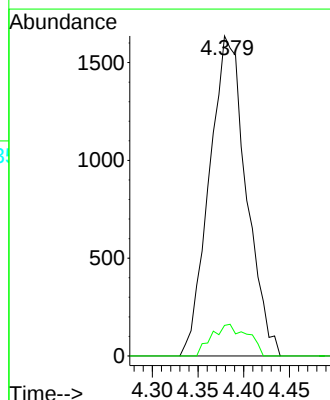
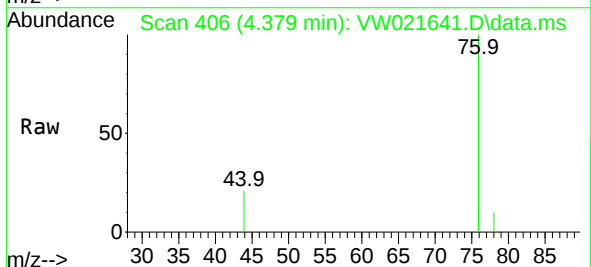
Acq: 25 Dec 2021 13:20

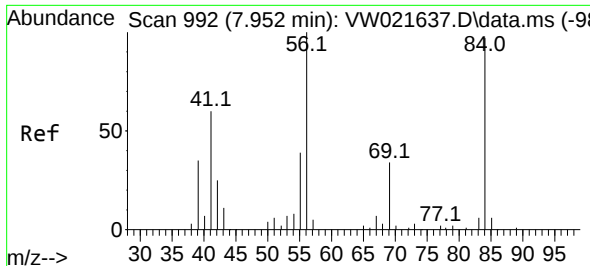
Tgt Ion: 76 Resp: 4598

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7





#29

Cyclohexane

Concen: 2.779 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.006 min

Lab File: VW021641.D

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Instrument :

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ClientSampleId :

GBC14RE

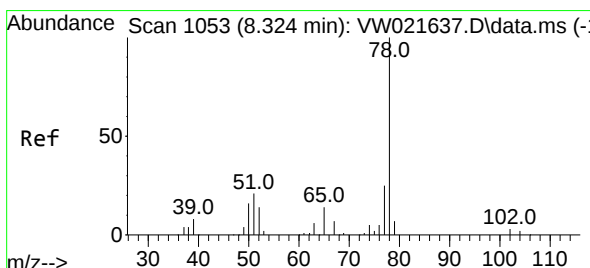
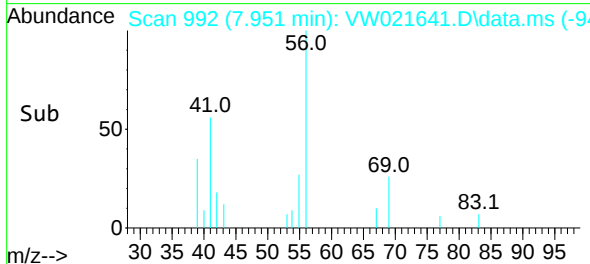
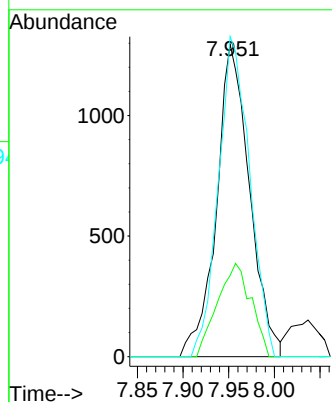
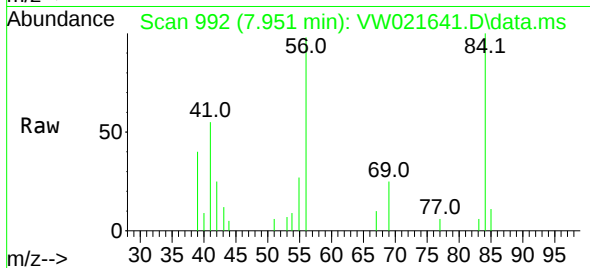
Tgt Ion: 56 Resp: 3261

Ion Ratio Lower Upper

56 100

69 30.2 23.5 35.3

84 97.1 63.4 95.2#



#33

Benzene

Concen: 1.403 ug/L

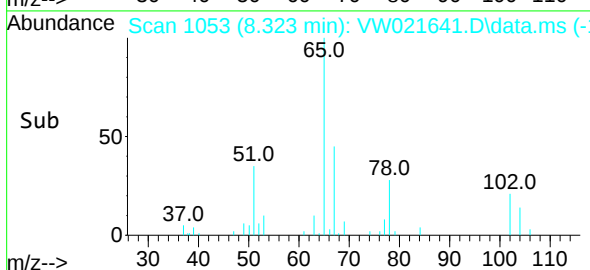
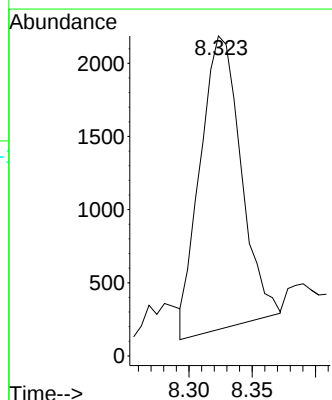
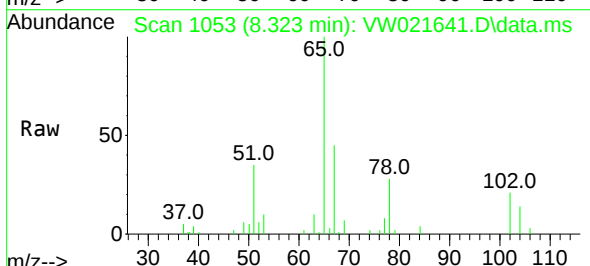
RT: 8.323 min Scan# 1053

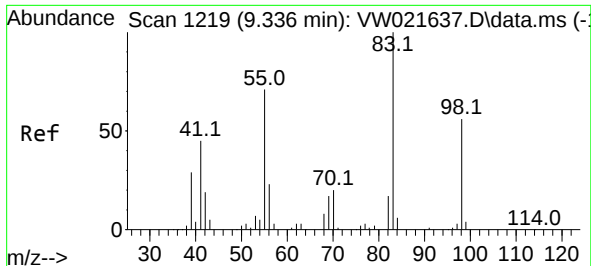
Delta R.T. -0.000 min

Lab File: VW021641.D

Acq: 25 Dec 2021 13:20

Tgt Ion: 78 Resp: 4505

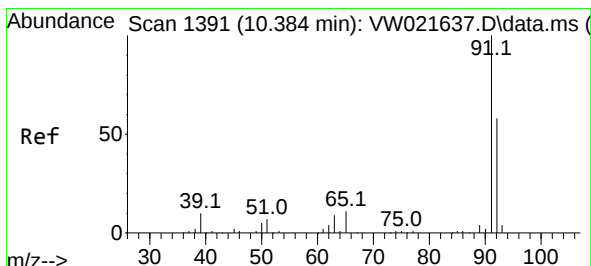
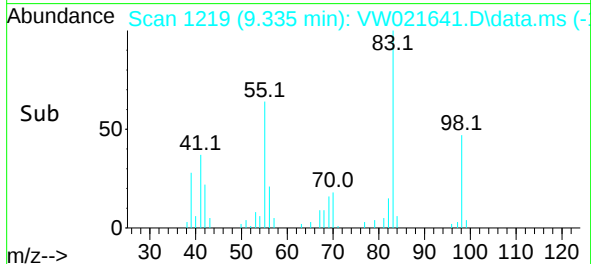
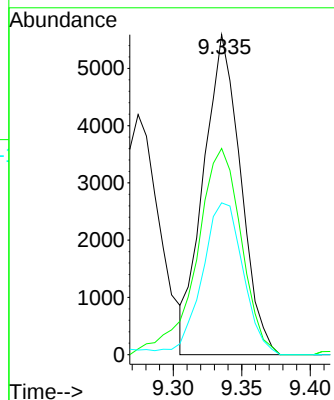
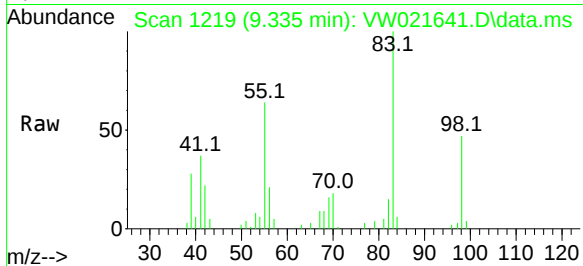




#35
Methylcyclohexane
Concen: 7.076 ug/L
RT: 9.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

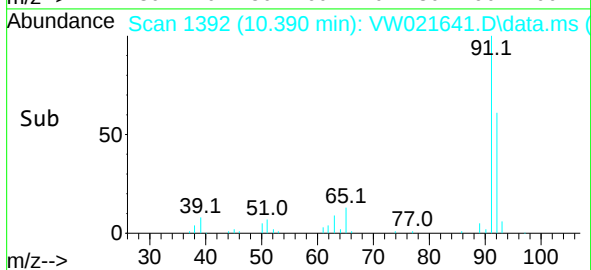
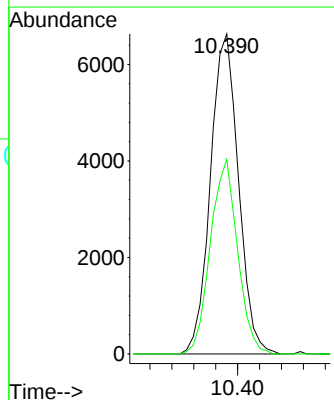
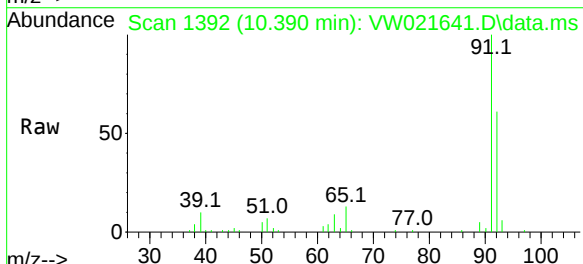
Instrument :
MSVOA_W
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GBC14RE

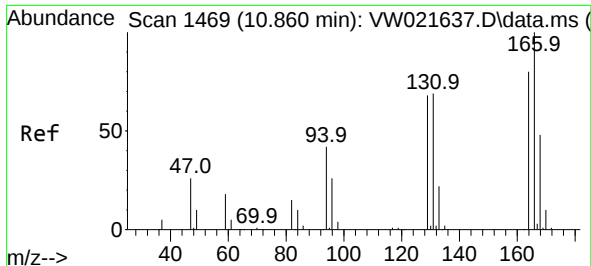
Tgt Ion: 83 Resp: 10525
Ion Ratio Lower Upper
83 100
55 77.5 70.8 106.2
98 51.8 37.7 56.5



#42
Toluene
Concen: 3.133 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Tgt Ion: 91 Resp: 11770
Ion Ratio Lower Upper
91 100
92 60.8 41.7 77.5

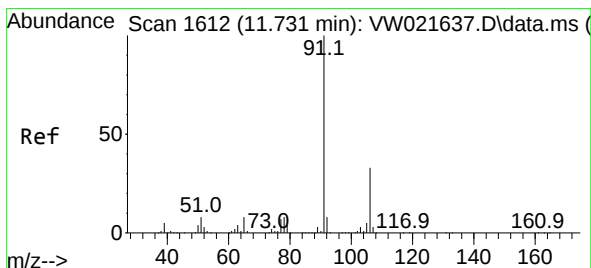
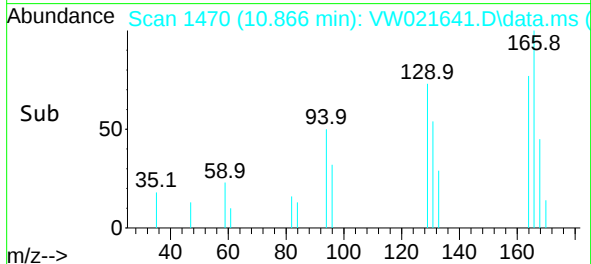
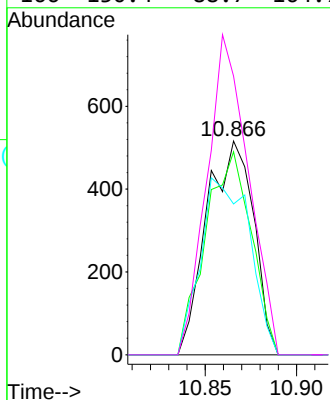
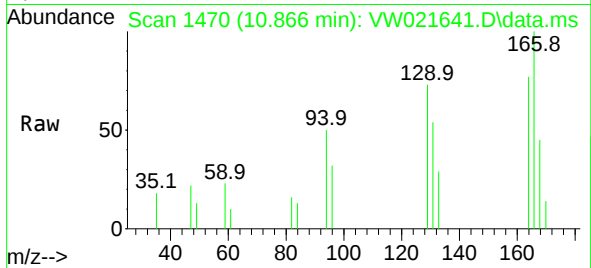




#46
Tetrachloroethene
Concen: 1.072 ug/L
RT: 10.866 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

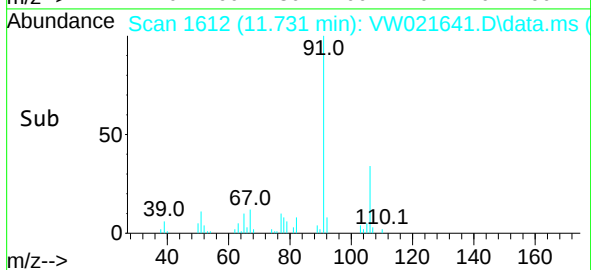
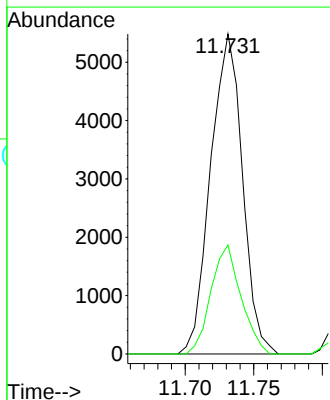
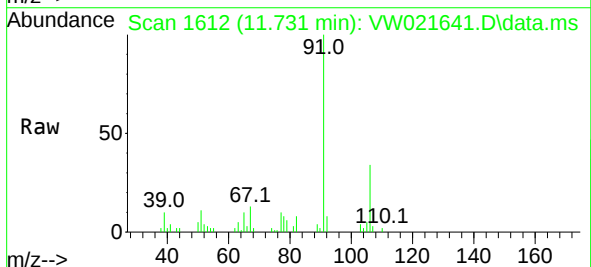
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ClientSampleId :
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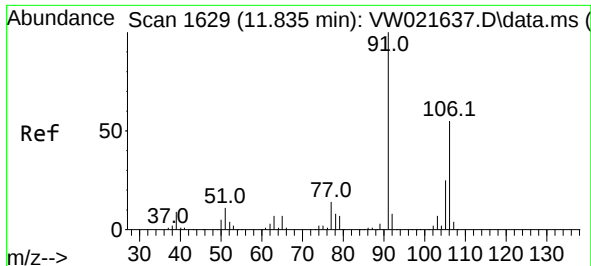
Tgt Ion:164 Resp: 918
Ion Ratio Lower Upper
164 100
129 95.0 65.5 121.7
131 70.5 59.7 110.9
166 130.4 88.7 164.7



#52
Ethylbenzene
Concen: 2.064 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Tgt Ion: 91 Resp: 8859
Ion Ratio Lower Upper
91 100
106 34.0 21.5 39.9

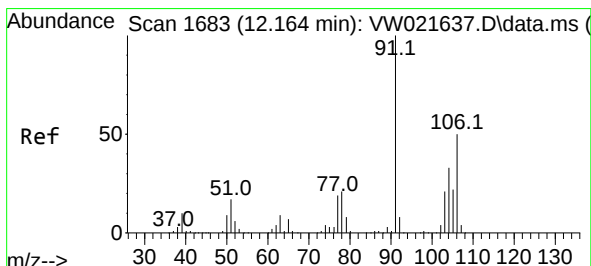
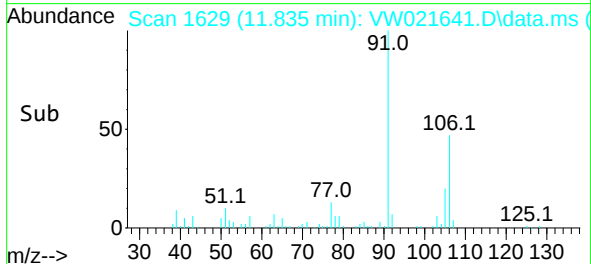
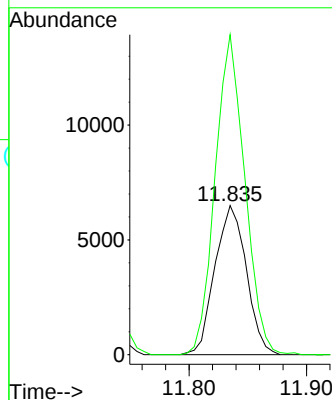
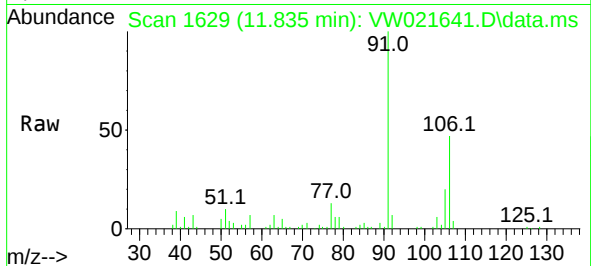




#53
m,p-Xylene
Concen: 6.983 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

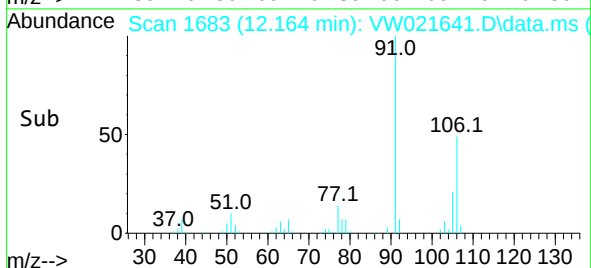
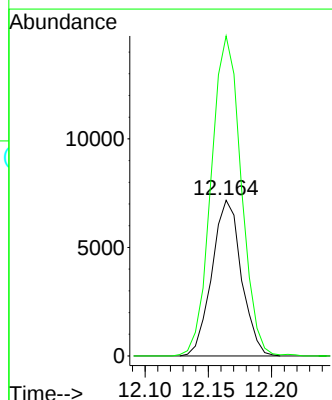
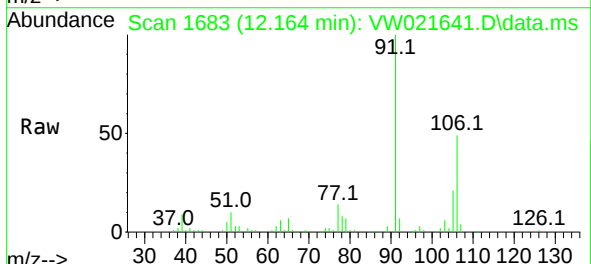
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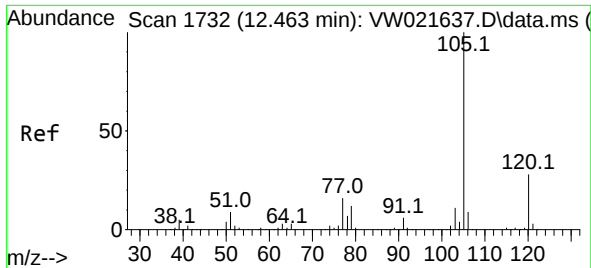
Tgt Ion:106 Resp: 12093
Ion Ratio Lower Upper
106 100
91 214.7 149.9 278.3



#54
o-Xylene
Concen: 7.062 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Tgt Ion:106 Resp: 11606
Ion Ratio Lower Upper
106 100
91 205.6 153.6 285.3

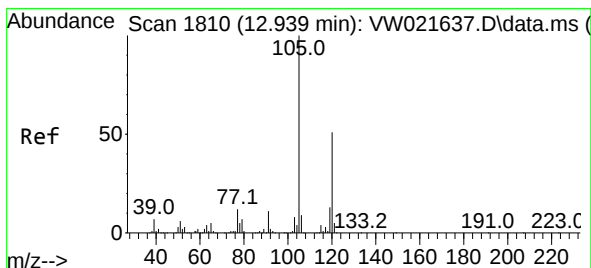
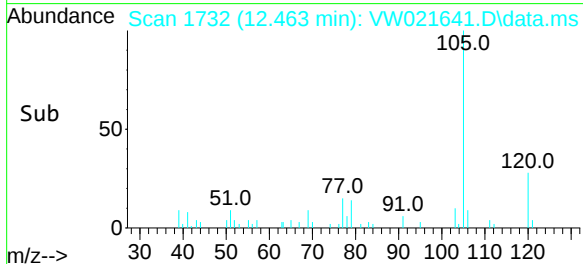
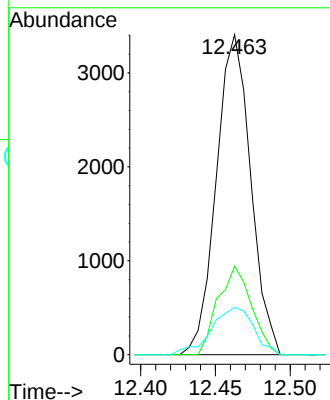
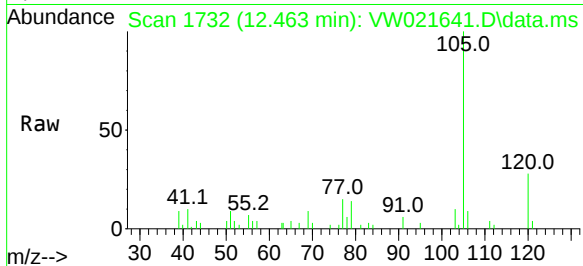




#60
Isopropylbenzene
Concen: 2.256 ug/L
RT: 12.463 min Scan# 111
Delta R.T. -0.000 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

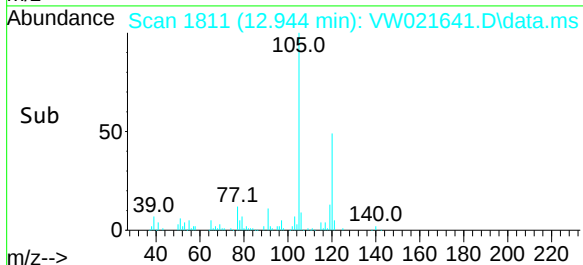
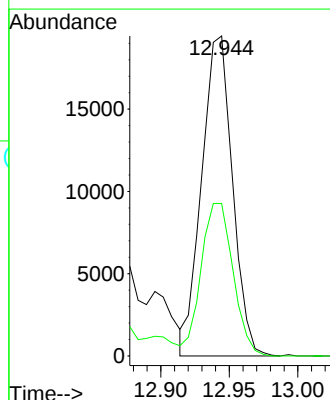
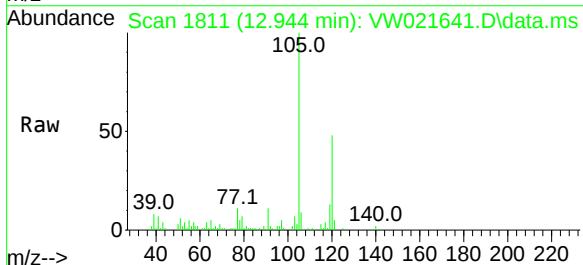
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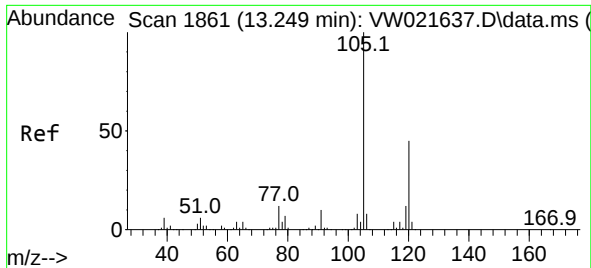
Tgt Ion:105 Resp: 5450
Ion Ratio Lower Upper
105 100
120 26.9 20.1 30.1
77 18.1 13.8 20.8



#62
1,3,5-Trimethylbenzene
Concen: 14.782 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW021641.D
Acq: 25 Dec 2021 13:20

Tgt Ion:105 Resp: 30394
Ion Ratio Lower Upper
105 100
120 49.7 37.4 56.2





#63
 1,2,4-Trimethylbenzene
 Concen: 29.253 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021641.D
 Acq: 25 Dec 2021 13:20

Instrument :
 MSVOA_W
 ClientSampleId :
 GBC14RE

Tgt Ion:105 Resp: 59333
 Ion Ratio Lower Upper
 105 100
 120 47.3 35.0 52.6

