

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
 Data File : VW021984.D
 Acq On : 17 Jan 2022 18:59
 Operator : SY/VA
 Sample : N1115-19RE
 Misc : 5.48g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLT0RE

Quant Time: Jan 18 00:41:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 18 00:36:09 2022
 Response via : Initial Calibration

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

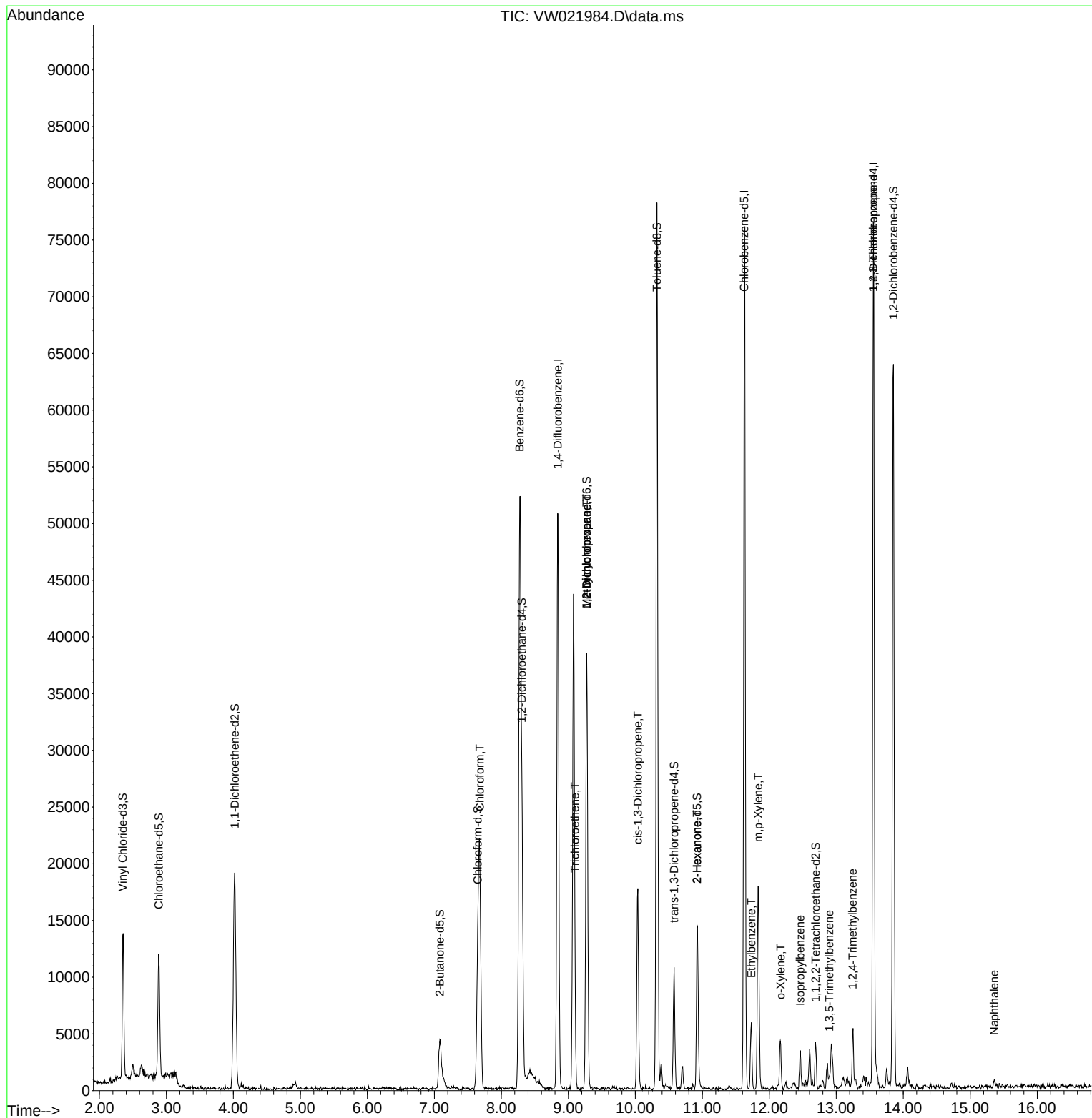
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	45888	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	44498	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	20990	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	11654	13.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.640%
7) Chloroethane-d5	2.885	69	10644	13.820	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.280%
11) 1,1-Dichloroethene-d2	4.019	63	17168	12.750	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.000%
21) 2-Butanone-d5	7.080	46	7299	60.631	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.260%
24) Chloroform-d	7.647	84	12563	8.474	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	33.880%#
26) 1,2-Dichloroethane-d4	8.305	65	17200	24.026	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.120%
32) Benzene-d6	8.275	84	56466	19.556	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.240%
36) 1,2-Dichloropropane-d6	9.274	67	17013	22.355	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.440%
41) Toluene-d8	10.323	98	52277	17.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.840%
43) trans-1,3-Dichloroprop...	10.579	79	5521	17.087	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.360%
47) 2-Hexanone-d5	10.921	63	5161	49.978	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.960%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	1663	2.794	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	11.160%#
66) 1,2-Dichlorobenzene-d4	13.853	152	18377	21.292	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.160%
Target Compounds						
					Qvalue	
25) Chloroform	7.677	83	17712	13.792	ug/L	96
34) Trichloroethene	9.098	95	1049	1.325	ug/L	88
35) Methylcyclohexane	9.274	83	4564	3.506	ug/L	# 1
37) 1,2-Dichloropropane	9.274	63	2051	3.450	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	519	0.562	ug/L	# 61
48) 2-Hexanone	10.921	43	772	4.041	ug/L	# 79
52) Ethylbenzene	11.731	91	4289	1.262	ug/L	96
53) m,p-Xylene	11.835	106	5455	3.837	ug/L	91
54) o-Xylene	12.170	106	1325	1.004	ug/L	73
60) Isopropylbenzene	12.463	105	2101	0.735	ug/L	# 91
61) 1,2,3-Trichloropropane	13.554	75	2242	7.474	ug/L	# 42
62) 1,3,5-Trimethylbenzene	12.896	105	803	0.339	ug/L	94
63) 1,2,4-Trimethylbenzene	13.243	105	2925	1.253	ug/L	90
71) Naphthalene	15.359	128	899	0.685	ug/L	# 87

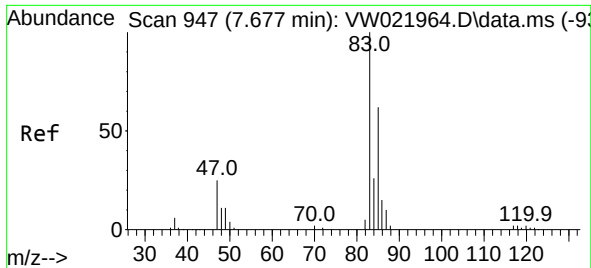
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

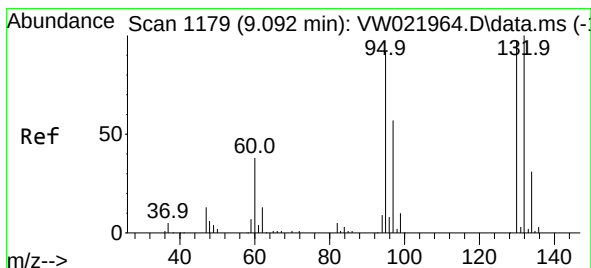
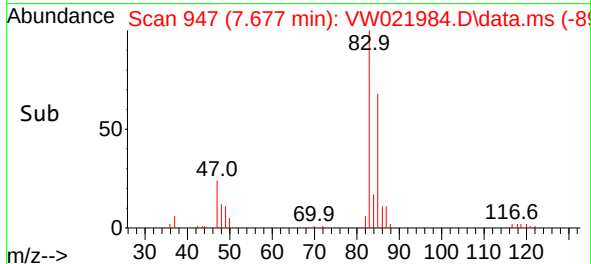
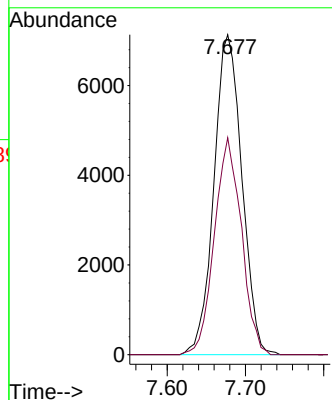
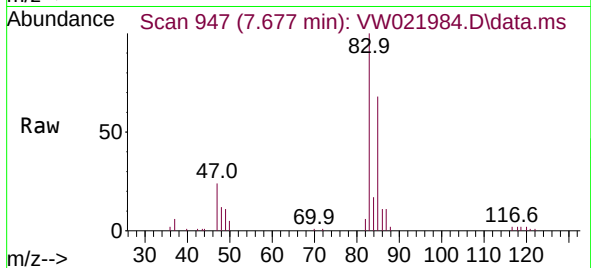




#25
Chloroform
Concen: 13.792 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW021984.D
Acq: 17 Jan 2022 18:59

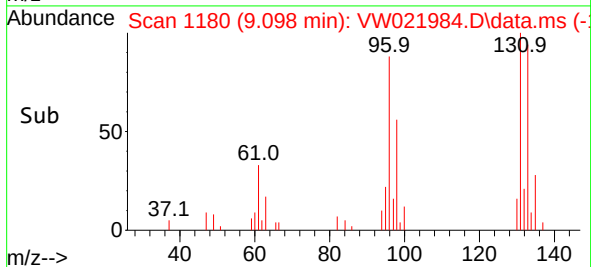
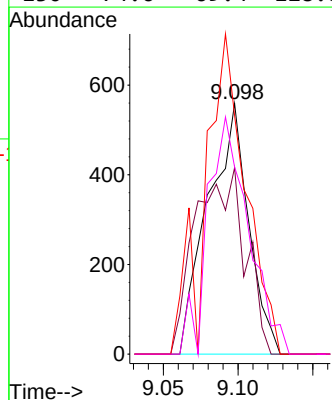
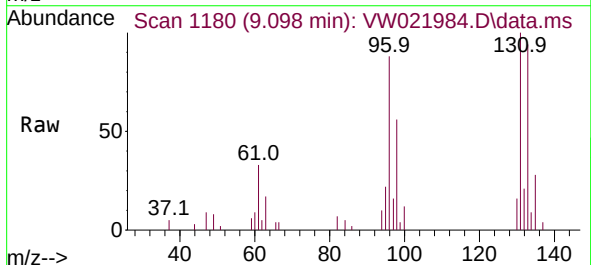
Instrument :
MSVOA_W
ClientSampleId :
BGLT0RE

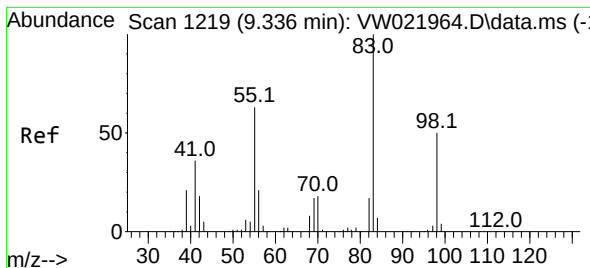
Tgt Ion: 83 Resp: 17712
Ion Ratio Lower Upper
83 100
85 67.8 45.1 83.7



#34
Trichloroethene
Concen: 1.325 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW021984.D
Acq: 17 Jan 2022 18:59

Tgt Ion: 95 Resp: 1049
Ion Ratio Lower Upper
95 100
97 74.4 47.0 87.2
132 95.2 65.5 121.6
130 74.6 69.4 128.8





#35

Methylcyclohexane

Concen: 3.506 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.061 min

Lab File: VW021984.D

Acq: 17 Jan 2022 18:59

Instrument :

MSVOA_W

ClientSampleId :

BGLT0RE

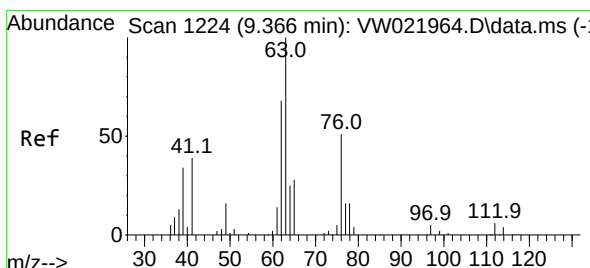
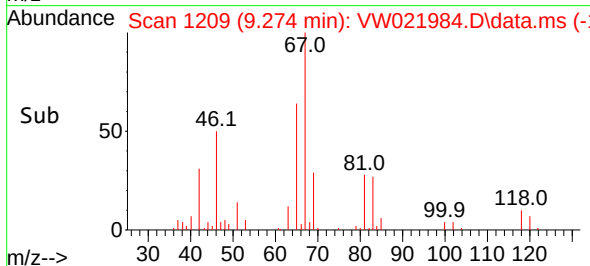
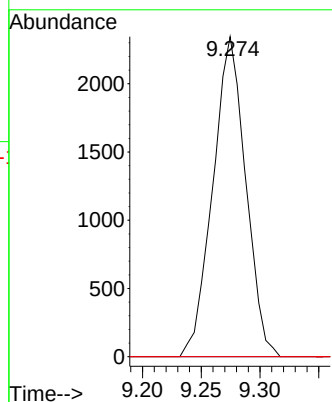
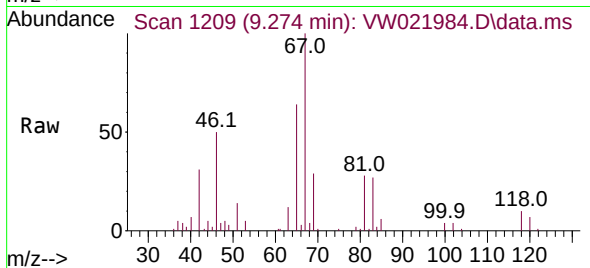
Tgt Ion: 83 Resp: 4564

Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 198.5 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 3.450 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.092 min

Lab File: VW021984.D

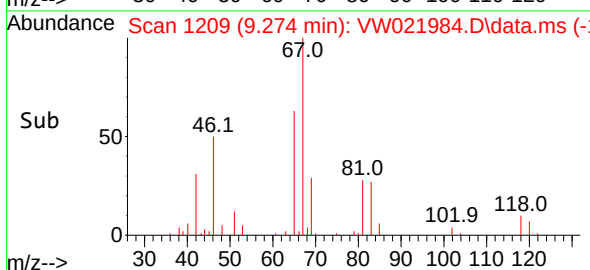
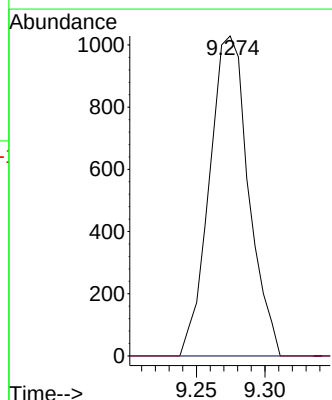
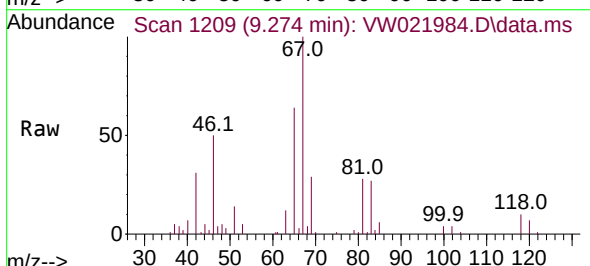
Acq: 17 Jan 2022 18:59

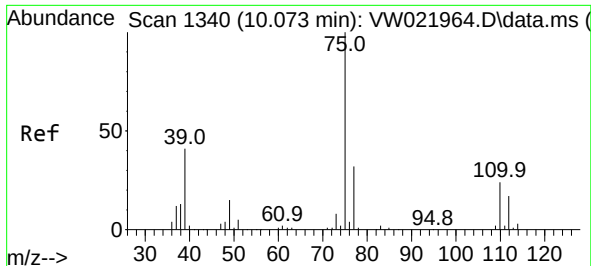
Tgt Ion: 63 Resp: 2051

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.562 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021984.D

Acq: 17 Jan 2022 18:59

Instrument :

MSVOA_W

ClientSampleId :

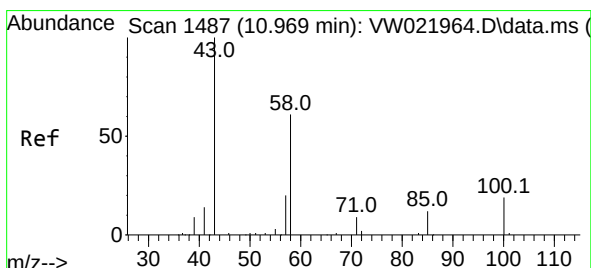
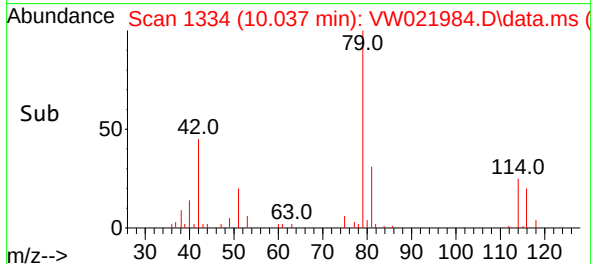
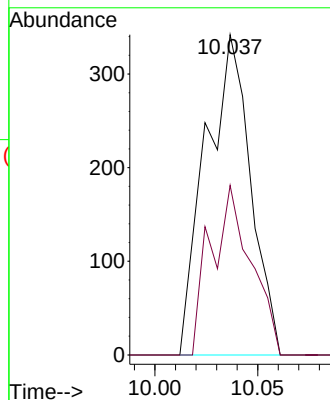
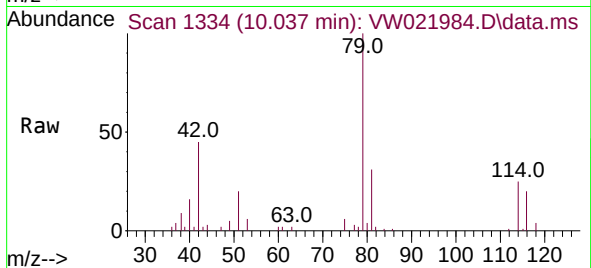
BGLT0RE

Tgt Ion: 75 Resp: 519

Ion Ratio Lower Upper

75 100

77 52.9 21.8 40.6#



#48

2-Hexanone

Concen: 4.041 ug/L

RT: 10.921 min Scan# 1479

Delta R.T. -0.049 min

Lab File: VW021984.D

Acq: 17 Jan 2022 18:59

Tgt Ion: 43 Resp: 772

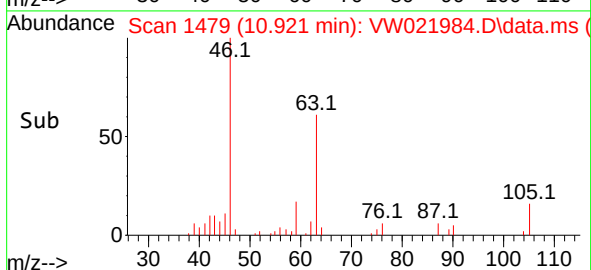
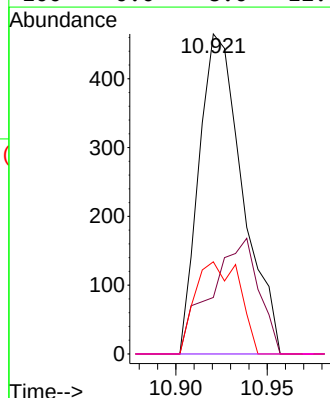
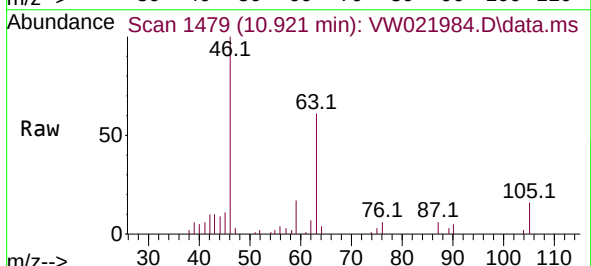
Ion Ratio Lower Upper

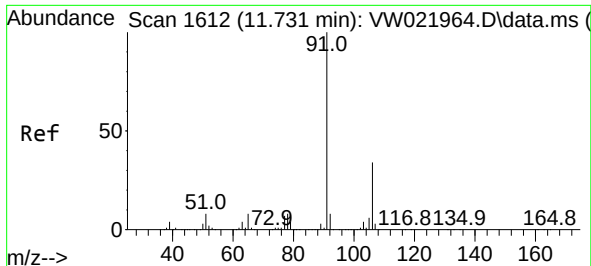
43 100

58 32.5 40.2 60.2#

57 20.5 14.3 21.5

100 0.0 8.0 12.0#

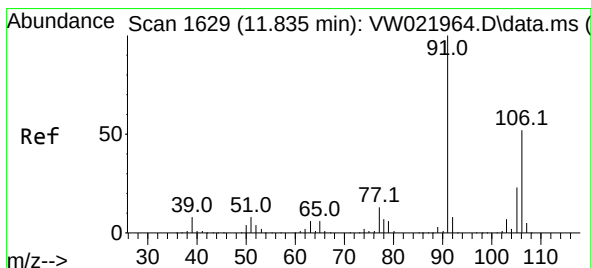
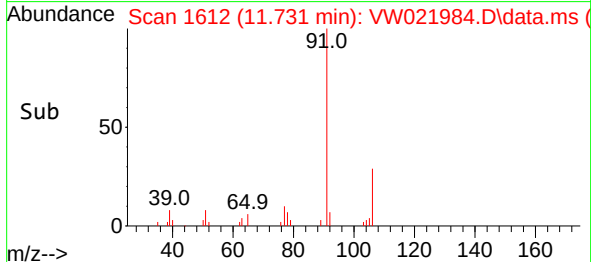
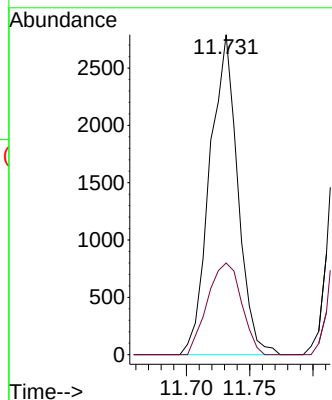
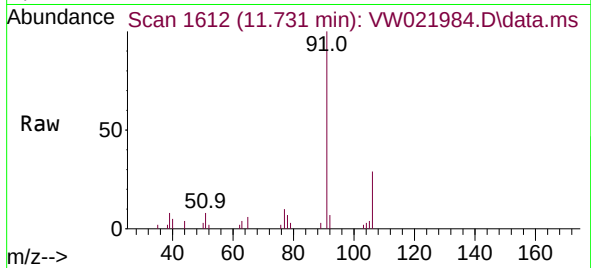




#52
Ethylbenzene
Concen: 1.262 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021984.D
Acq: 17 Jan 2022 18:59

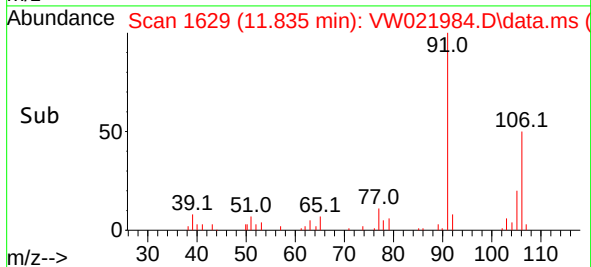
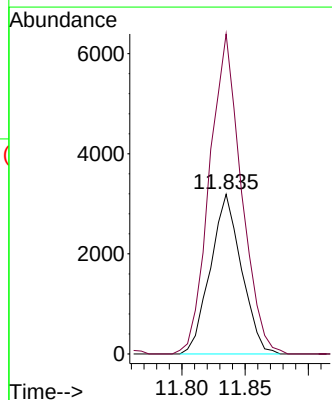
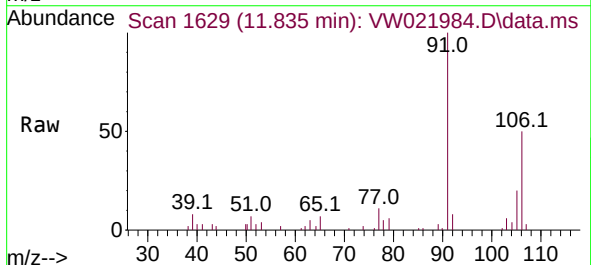
Instrument :
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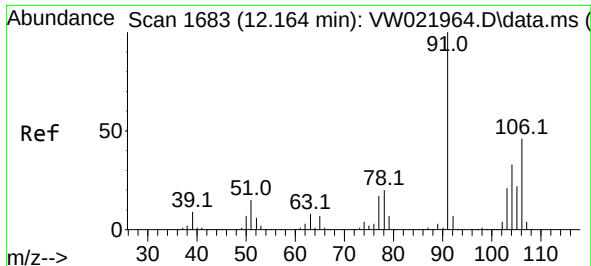
Tgt Ion: 91 Resp: 4289
Ion Ratio Lower Upper
91 100
106 28.6 21.5 39.9



#53
m,p-Xylene
Concen: 3.837 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021984.D
Acq: 17 Jan 2022 18:59

Tgt Ion: 106 Resp: 5455
Ion Ratio Lower Upper
106 100
91 200.4 149.9 278.3

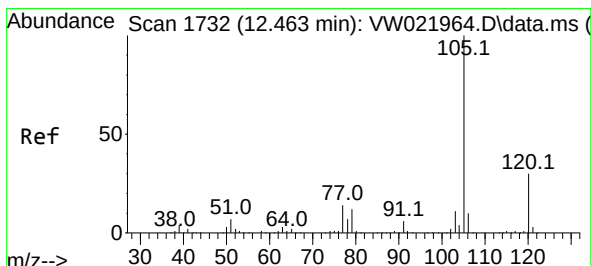
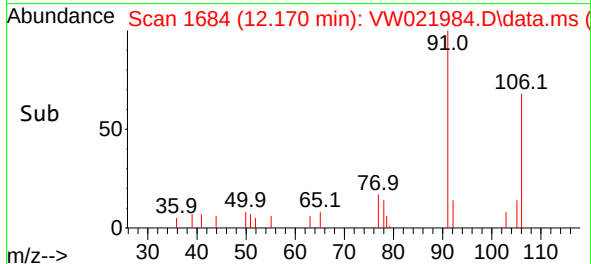
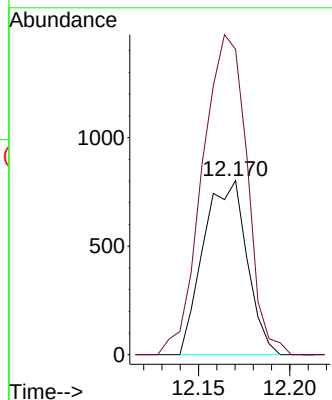
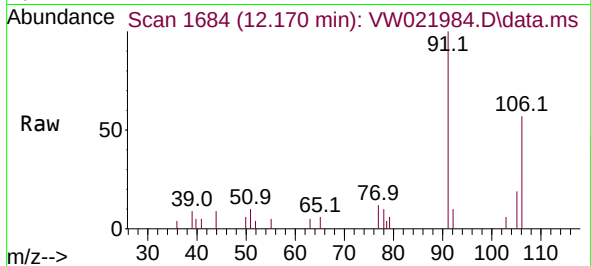




#54
o-Xylene
Concen: 1.004 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW021984.D
Acq: 17 Jan 2022 18:59

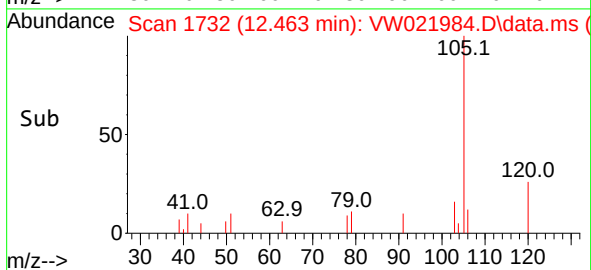
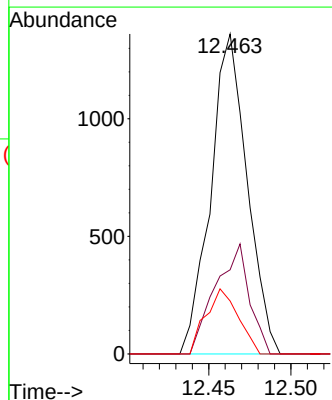
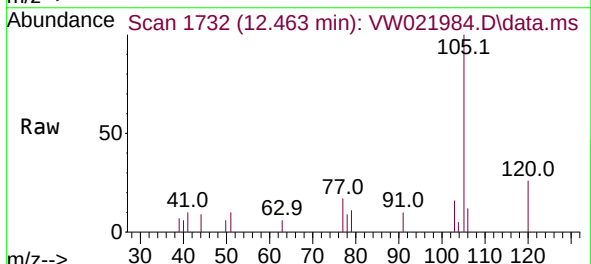
Instrument :
MSVOA_W
ClientSampleId :
BGLT0RE

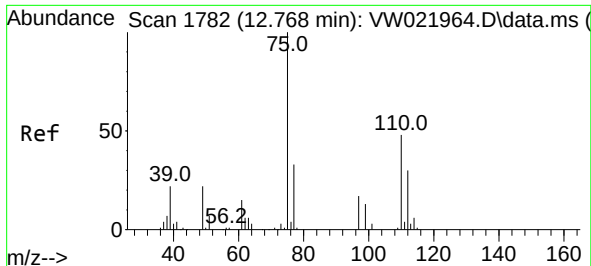
Tgt Ion:106 Resp: 1325
Ion Ratio Lower Upper
106 100
91 175.4 153.6 285.3



#60
Isopropylbenzene
Concen: 0.735 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021984.D
Acq: 17 Jan 2022 18:59

Tgt Ion:105 Resp: 2101
Ion Ratio Lower Upper
105 100
120 32.1 20.1 30.1#
77 18.0 13.8 20.8





#61

1,2,3-Trichloropropane

Concen: 7.474 ug/L

RT: 13.554 min Scan# 1803

Delta R.T. 0.786 min

Lab File: VW021984.D

Acq: 17 Jan 2022 18:59

Instrument :

MSVOA_W

ClientSampleId :

BGLT0RE

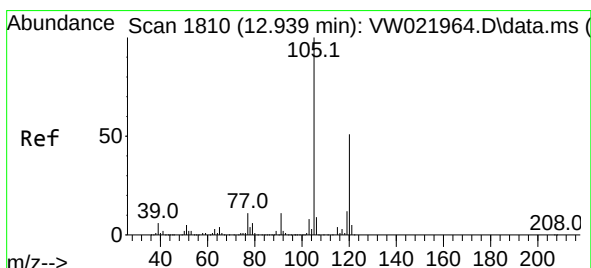
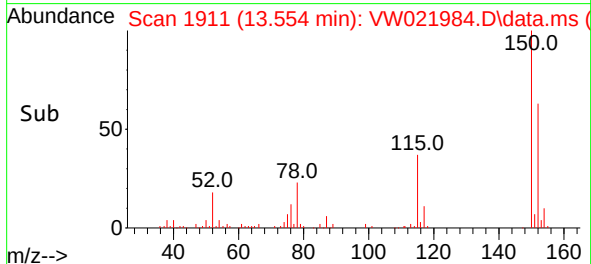
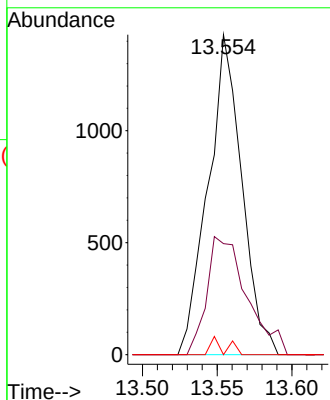
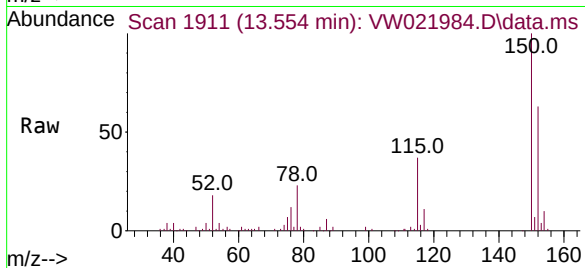
Tgt Ion: 75 Resp: 2242

Ion Ratio Lower Upper

75 100

77 0.9 25.8 38.8#

110 1.0 29.0 43.4#



#62

1,3,5-Trimethylbenzene

Concen: 0.339 ug/L

RT: 12.896 min Scan# 1803

Delta R.T. -0.043 min

Lab File: VW021984.D

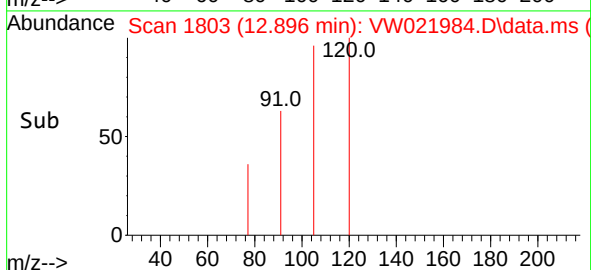
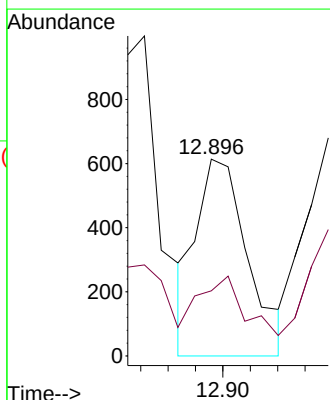
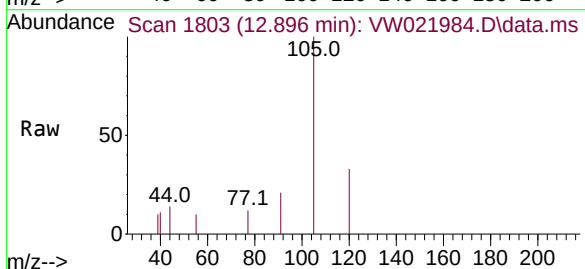
Acq: 17 Jan 2022 18:59

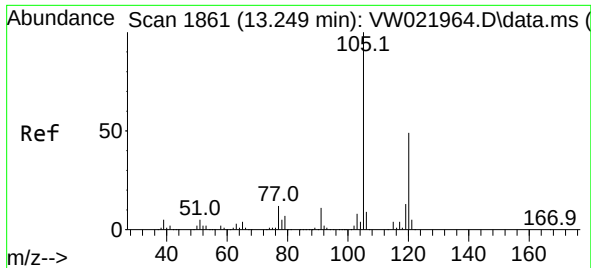
Tgt Ion: 105 Resp: 803

Ion Ratio Lower Upper

105 100

120 42.6 37.4 56.2

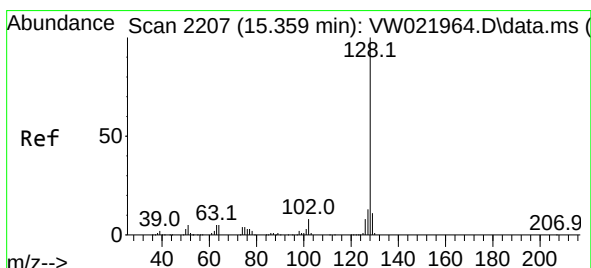
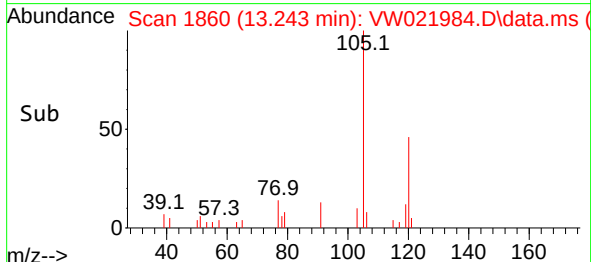
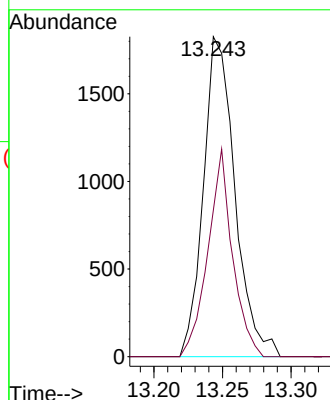
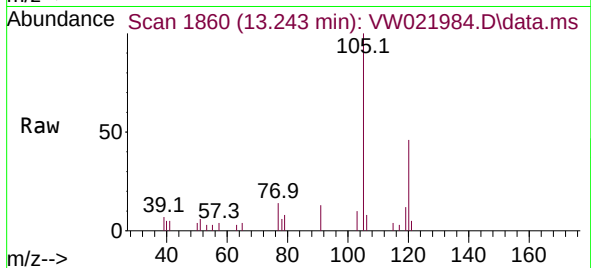




#63
1,2,4-Trimethylbenzene
Concen: 1.253 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW021984.D
Acq: 17 Jan 2022 18:59

Instrument :
MSVOA_W
ClientSampleId :
BGLT0RE

Tgt Ion:105 Resp: 2925
Ion Ratio Lower Upper
105 100
120 50.5 35.0 52.6



#71
Naphthalene
Concen: 0.685 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW021984.D
Acq: 17 Jan 2022 18:59

Tgt Ion:128 Resp: 899
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 0.0 8.6 12.8#

