

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021553.D
 Acq On : 22 Dec 2021 03:29
 Operator : SY/VA
 Sample : M5194-20
 Misc : 6.60g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 22 03:54:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 22 02:57:00 2021
 Response via : Initial Calibration

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

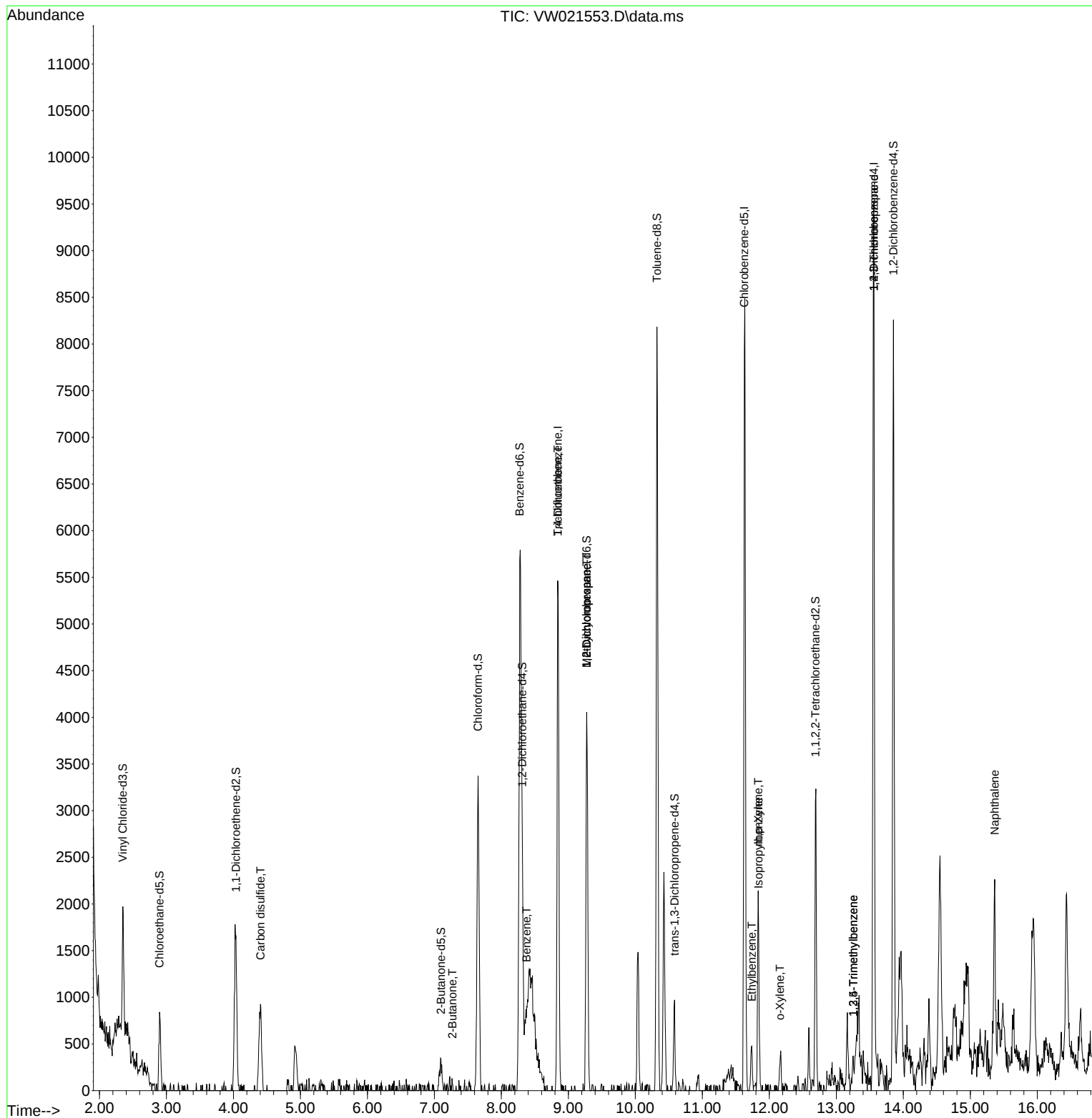
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	5152	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	5158	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	2793	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	1332	14.196	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.800%
7) Chloroethane-d5	2.897	69	1011	16.299	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.200%
11) 1,1-Dichloroethene-d2	4.037	63	1793	14.333	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.320%
21) 2-Butanone-d5	7.098	46	580	43.851	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.700%
24) Chloroform-d	7.653	84	3250	22.636	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.560%
26) 1,2-Dichloroethane-d4	8.311	65	2126	27.838	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.360%
32) Benzene-d6	8.275	84	6134	21.696	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	9.274	67	1951	25.731	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.920%
41) Toluene-d8	10.323	98	5733	19.846	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	10.585	79	611	17.501	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.000%
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.000%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	1579	24.225	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	2227	20.574	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.280%
Target Compounds						
					Qvalue	
14) Carbon disulfide	4.403	76	1961	11.891	ug/L	# 75
22) 2-Butanone	7.269	43	76	4.908	ug/L	# 52
33) Benzene	8.378	78	1361	4.844	ug/L	100
34) Trichloroethene	8.841	95	108	1.369	ug/L	# 5
35) Methylcyclohexane	9.274	83	496	3.812	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	228	3.638	ug/L	# 88
52) Ethylbenzene	11.737	91	564	1.502	ug/L	# 81
53) m,p-Xylene	11.835	106	689	4.548	ug/L	95
54) o-Xylene	12.158	106	137	0.953	ug/L	# 46
60) Isopropylbenzene	11.841	105	328	0.864	ug/L	# 64
61) 1,2,3-Trichloropropane	13.560	75	317	7.799	ug/L	# 50
62) 1,3,5-Trimethylbenzene	13.255	105	227	0.703	ug/L	98
63) 1,2,4-Trimethylbenzene	13.255	105	227	0.713	ug/L	93
71) Naphthalene	15.365	128	2194	12.549	ug/L	98

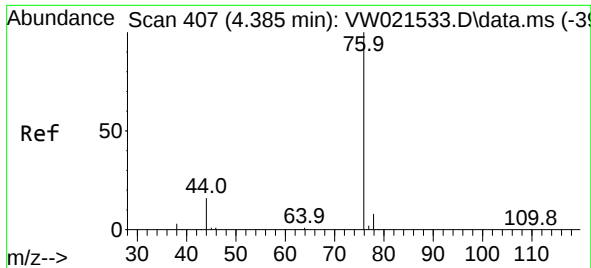
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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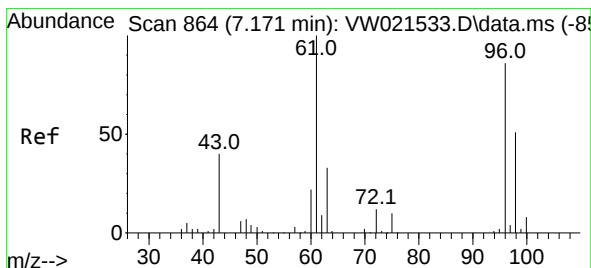
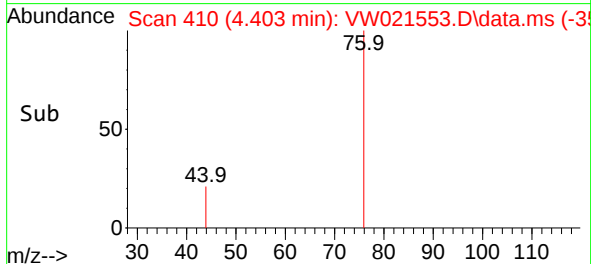
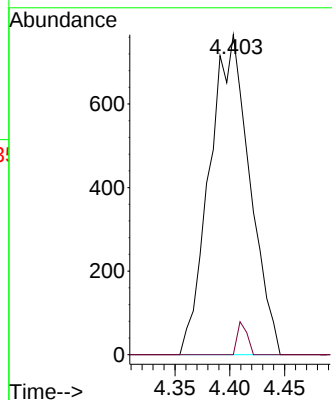
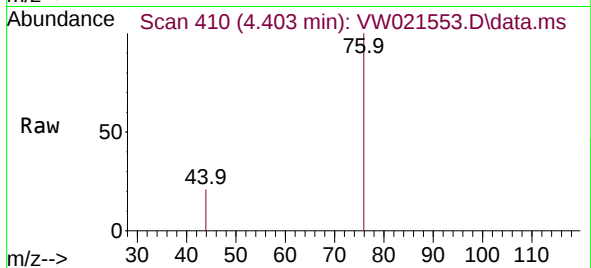




#14
Carbon disulfide
Concen: 11.891 ug/L
RT: 4.403 min Scan# 410
Delta R.T. 0.018 min
Lab File: VW021553.D
Acq: 22 Dec 2021 03:29

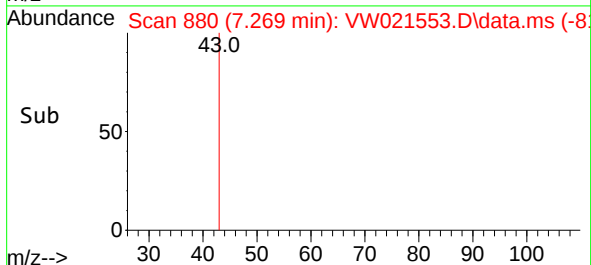
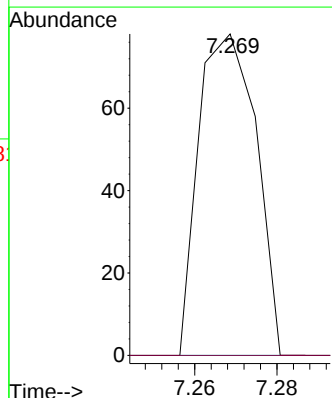
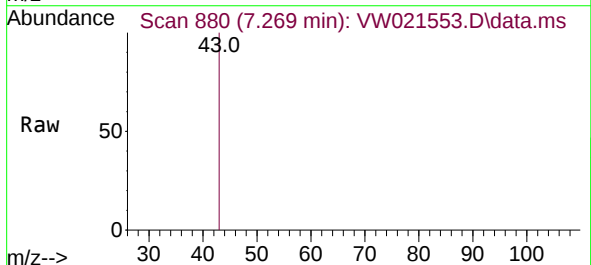
Instrument :
MSVOA_W
ClientSampleId :

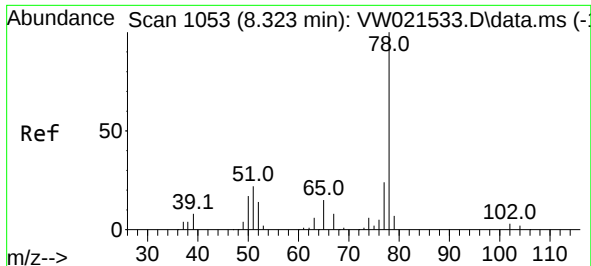
Tgt Ion: 76 Resp: 1961
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#22
2-Butanone
Concen: 4.908 ug/L
RT: 7.269 min Scan# 880
Delta R.T. 0.098 min
Lab File: VW021553.D
Acq: 22 Dec 2021 03:29

Tgt Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#

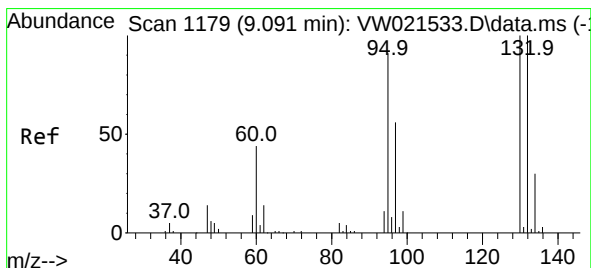
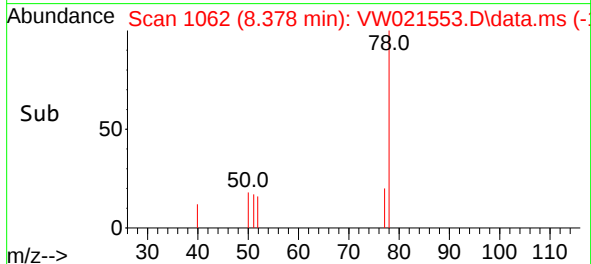
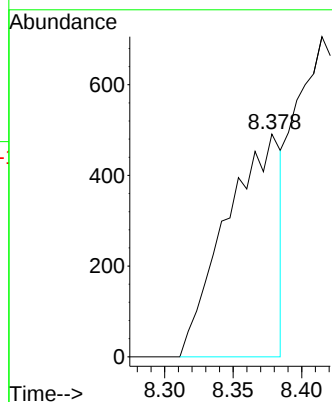
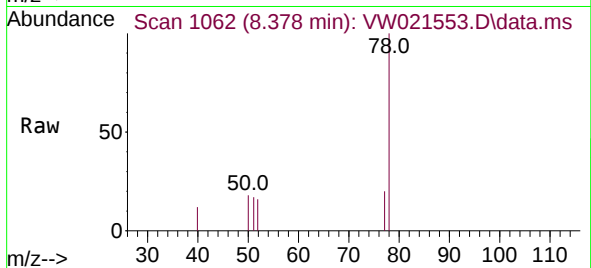




#33
Benzene
Concen: 4.844 ug/L
RT: 8.378 min Scan# 1137
Delta R.T. 0.055 min
Lab File: VW021553.D
Acq: 22 Dec 2021 03:29

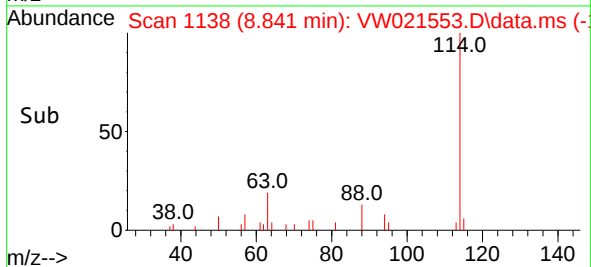
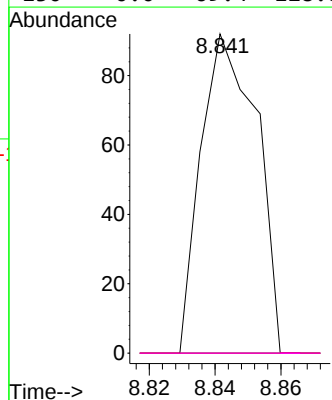
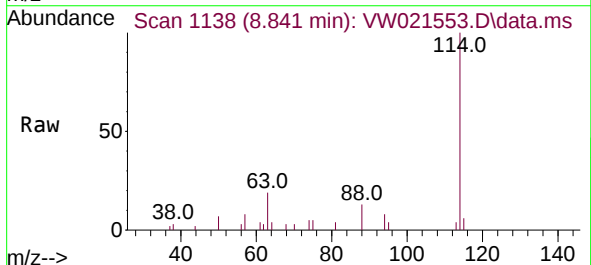
Instrument :
MSVOA_W
ClientSampleId :

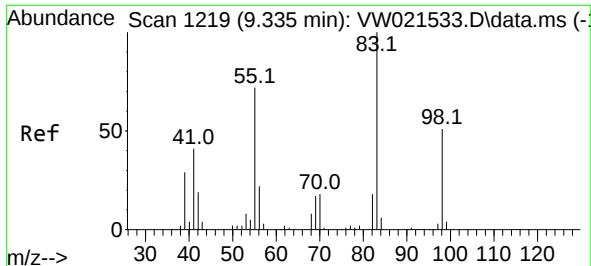
Tgt Ion: 78 Resp: 1361



#34
Trichloroethene
Concen: 1.369 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW021553.D
Acq: 22 Dec 2021 03:29

Tgt Ion: 95 Resp: 108
Ion Ratio Lower Upper
95 100
97 0.0 47.0 87.2#
132 0.0 65.5 121.6#
130 0.0 69.4 128.8#





#35

Methylcyclohexane

Concen: 3.812 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.061 min

Lab File: VW021533.D

Acq: 22 Dec 2021 03:29

Instrument :

MSVOA_W

ClientSampleId :

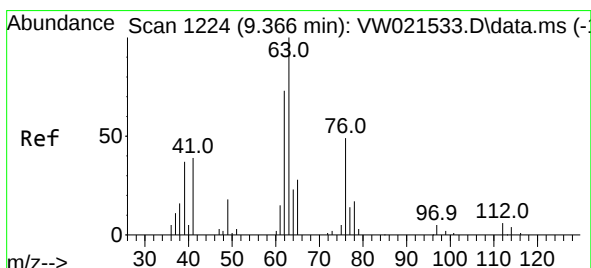
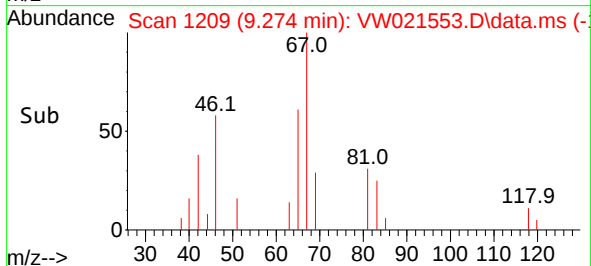
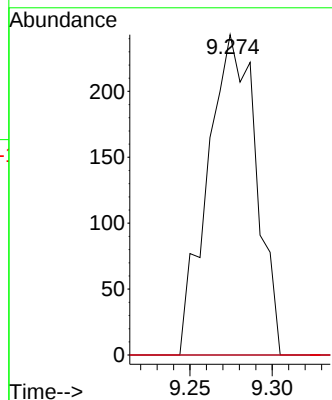
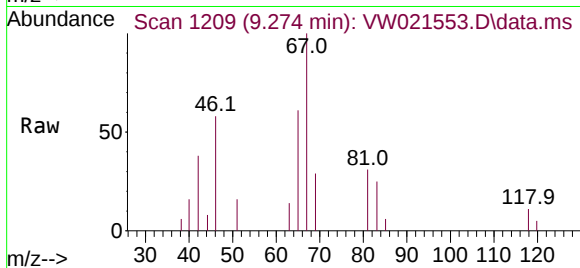
Tgt Ion: 83 Resp: 496

Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 0.0 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 3.638 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.091 min

Lab File: VW021533.D

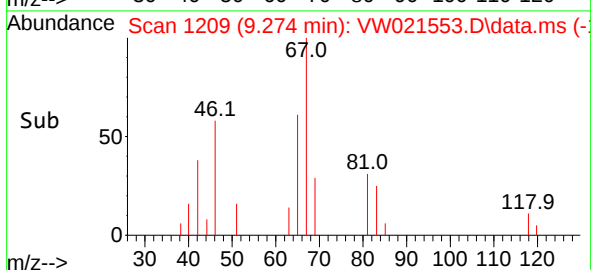
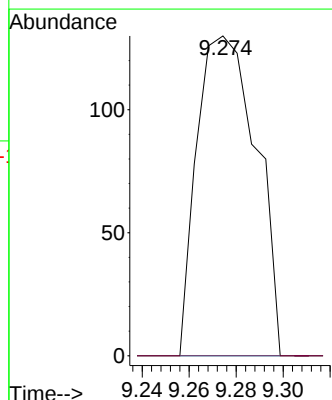
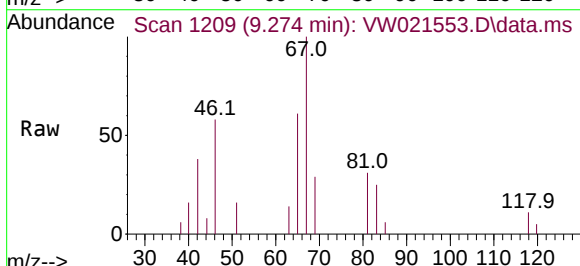
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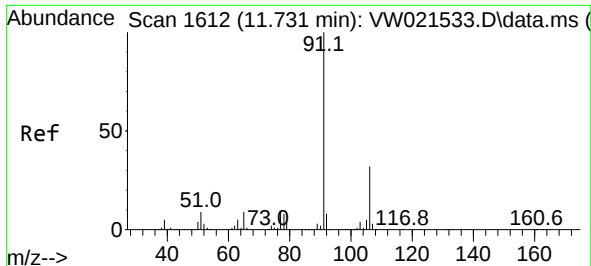
Tgt Ion: 63 Resp: 228

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#52

Ethylbenzene

Concen: 1.502 ug/L

RT: 11.737 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021553.D

Acq: 22 Dec 2021 03:29

Instrument :

MSVOA_W

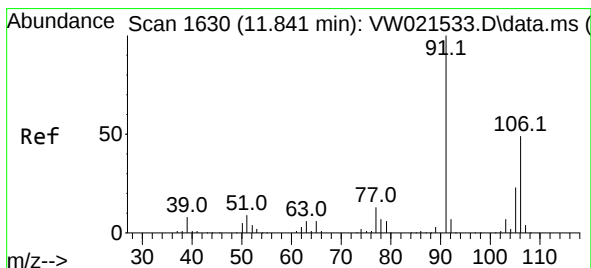
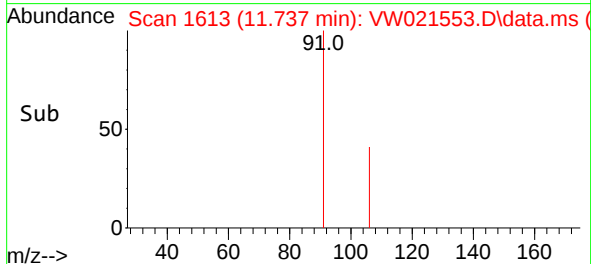
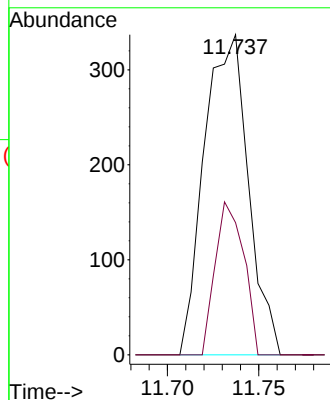
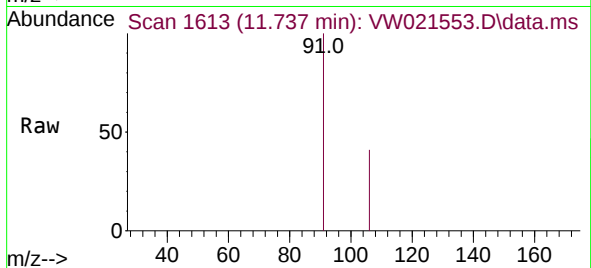
ClientSampleId :

Tgt Ion: 91 Resp: 564

Ion Ratio Lower Upper

91 100

106 41.2 21.5 39.9#



#53

m,p-Xylene

Concen: 4.548 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW021553.D

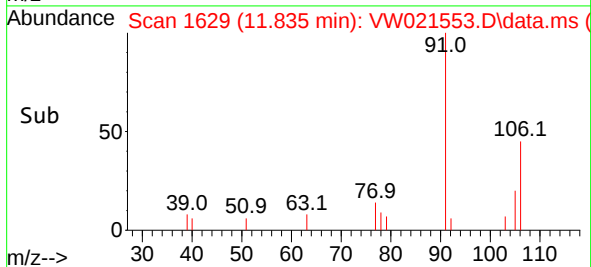
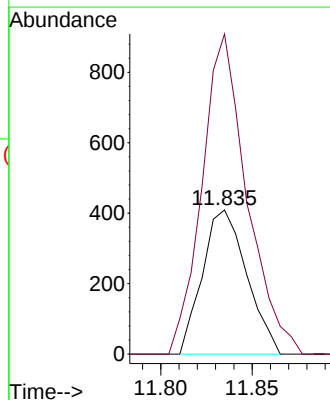
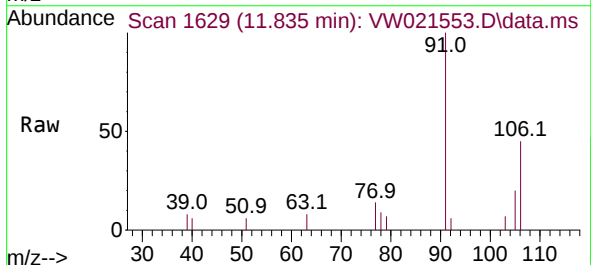
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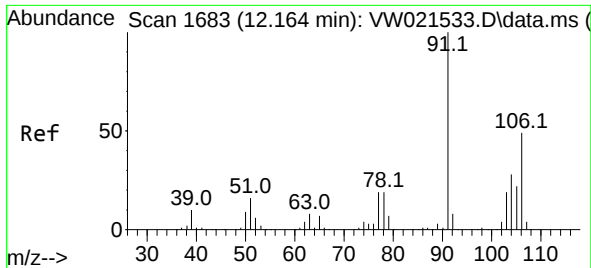
Tgt Ion:106 Resp: 689

Ion Ratio Lower Upper

106 100

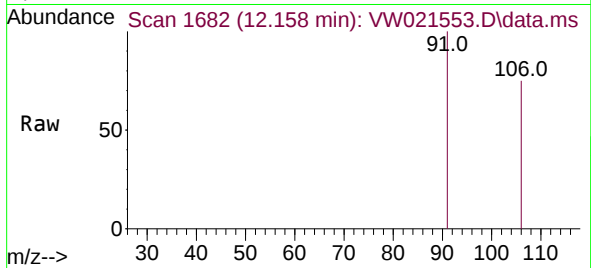
91 222.2 149.9 278.3



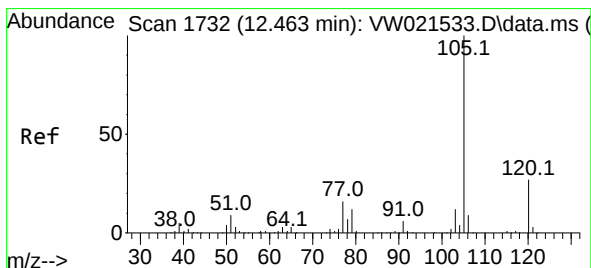
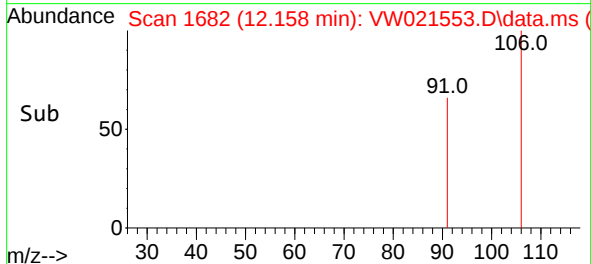
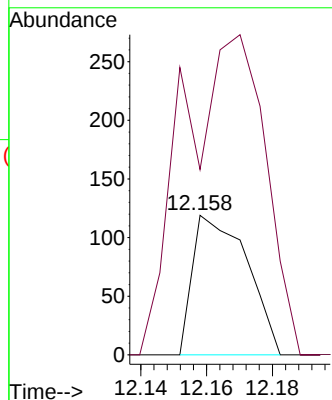


#54
o-Xylene
Concen: 0.953 ug/L
RT: 12.158 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VW021553.D
Acq: 22 Dec 2021 03:29

Instrument :
MSVOA_W
ClientSampleId :

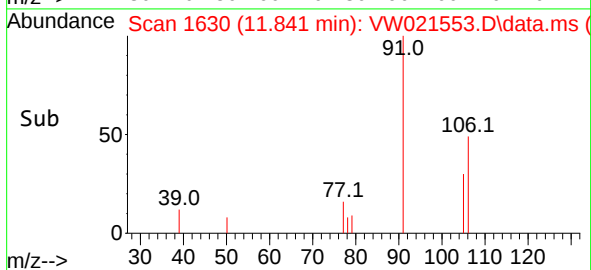
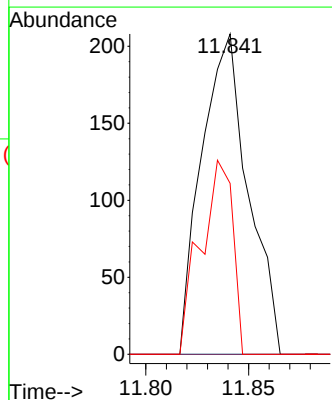
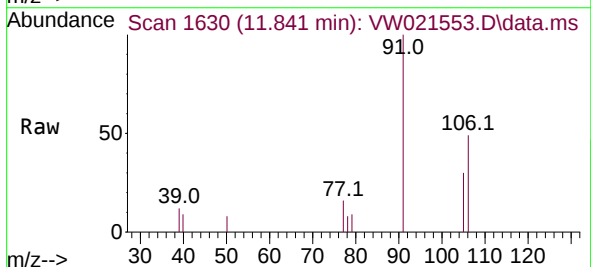


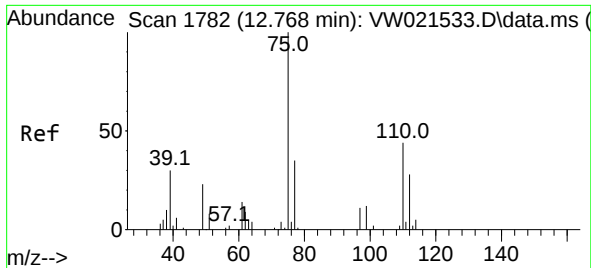
Tgt Ion:106 Resp: 137
Ion Ratio Lower Upper
106 100
91 132.8 153.6 285.3#



#60
Isopropylbenzene
Concen: 0.864 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.622 min
Lab File: VW021553.D
Acq: 22 Dec 2021 03:29

Tgt Ion:105 Resp: 328
Ion Ratio Lower Upper
105 100
120 14.0 20.1 30.1#
77 41.8 13.8 20.8#





#61

1,2,3-Trichloropropane

Concen: 7.799 ug/L

RT: 13.560 min Scan# 1862

Delta R.T. 0.793 min

Lab File: VW021553.D

Acq: 22 Dec 2021 03:29

Instrument :

MSVOA_W

ClientSampleId :

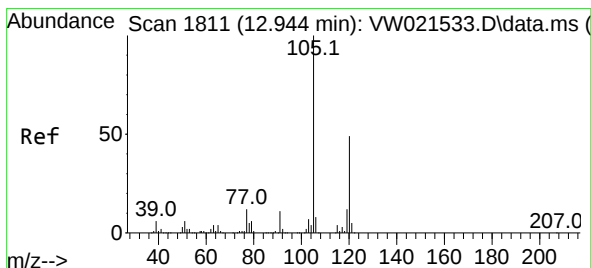
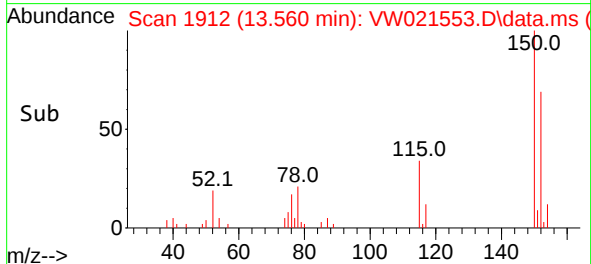
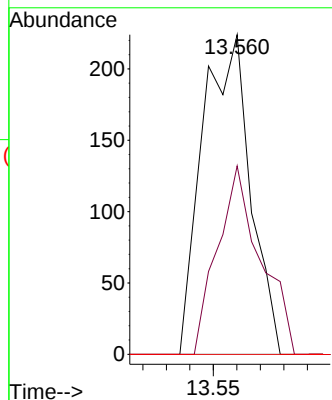
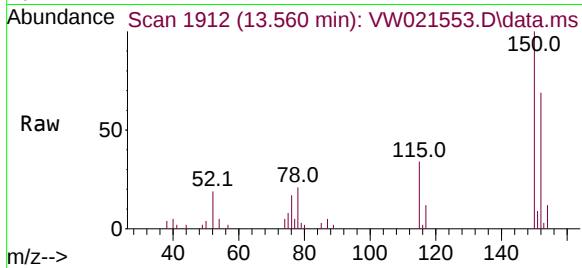
Tgt Ion: 75 Resp: 317

Ion Ratio Lower Upper

75 100

77 53.3 25.8 38.8#

110 0.0 29.0 43.4#



#62

1,3,5-Trimethylbenzene

Concen: 0.703 ug/L

RT: 13.255 min Scan# 1862

Delta R.T. 0.311 min

Lab File: VW021553.D

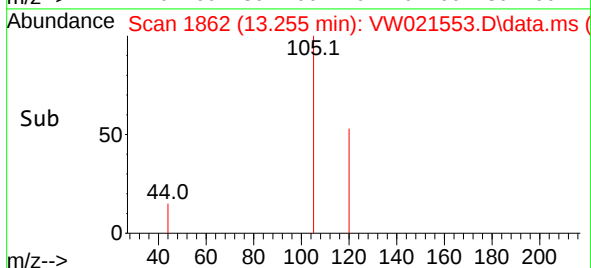
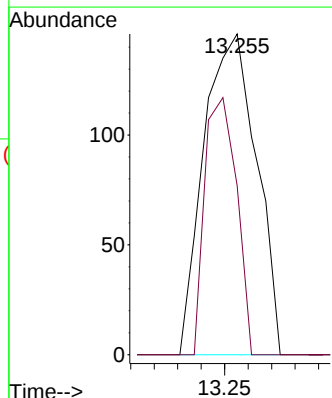
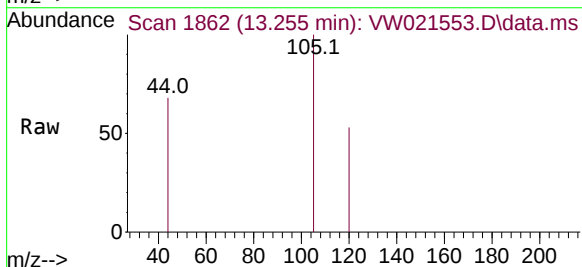
Acq: 22 Dec 2021 03:29

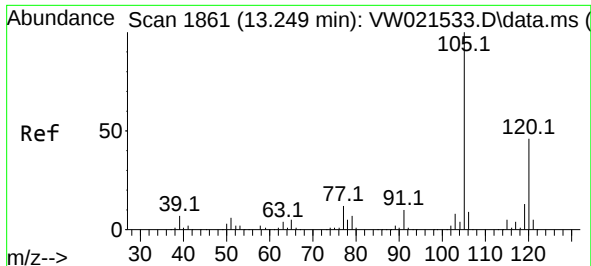
Tgt Ion: 105 Resp: 227

Ion Ratio Lower Upper

105 100

120 48.5 37.4 56.2





#63

1,2,4-Trimethylbenzene

Concen: 0.713 ug/L

RT: 13.255 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW021553.D

Acq: 22 Dec 2021 03:29

Instrument :

MSVOA_W

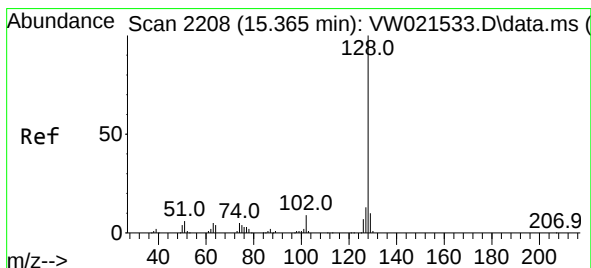
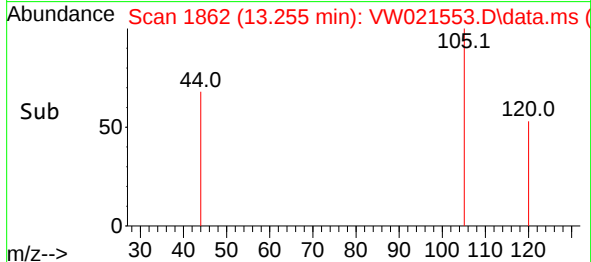
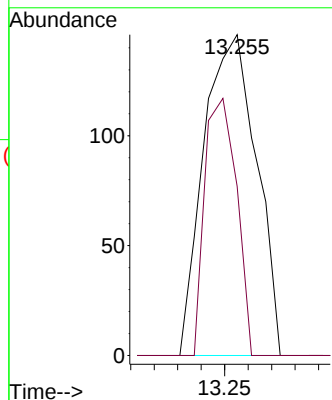
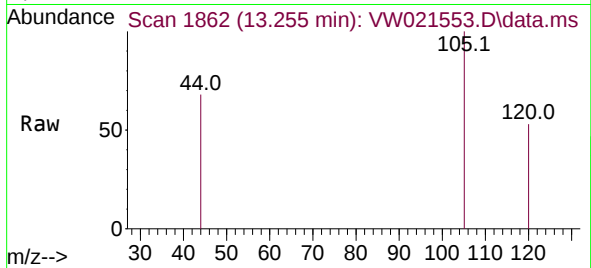
ClientSampleId :

Tgt Ion:105 Resp: 227

Ion Ratio Lower Upper

105 100

120 48.5 35.0 52.6



#71

Naphthalene

Concen: 12.549 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. -0.000 min

Lab File: VW021553.D

Acq: 22 Dec 2021 03:29

Tgt Ion:128 Resp: 2194

Ion Ratio Lower Upper

128 100

127 14.4 10.7 16.1

129 9.8 8.6 12.8

