

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021254.D
 Acq On : 09 Dec 2021 20:35
 Operator : SY/VA
 Sample : M4883-11RE
 Misc : 2.94g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9G7RE

Quant Time: Dec 10 00:33:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 00:28:10 2021
 Response via : Initial Calibration

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

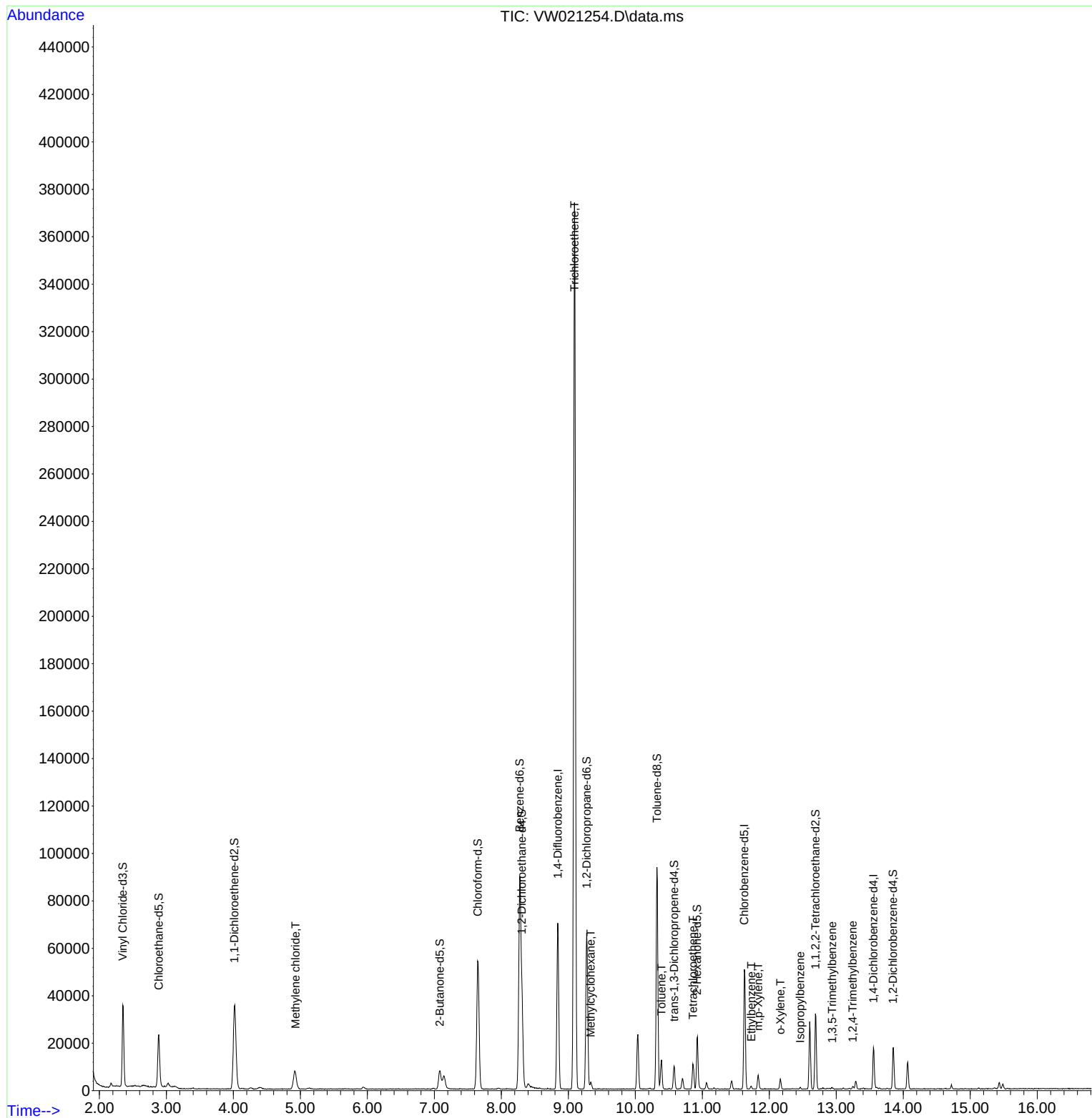
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	59064	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	28936	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	4617	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	33364	31.016	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 124.080%	
7) Chloroethane-d5	2.885	69	24756	34.812	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 139.240%	
11) 1,1-Dichloroethene-d2	4.013	63	33241	23.179	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 92.720%	
21) 2-Butanone-d5	7.080	46	13179	86.914	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 173.820%#	
24) Chloroform-d	7.647	84	53394	32.439	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 129.760%	
26) 1,2-Dichloroethane-d4	8.305	65	27072	30.920	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 123.680%	
32) Benzene-d6	8.275	84	90824	57.263	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 229.040%#	
36) 1,2-Dichloropropane-d6	9.274	67	28114	66.093	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 264.360%#	
41) Toluene-d8	10.323	98	61591	38.006	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 152.040%#	
43) trans-1,3-Dichloroprop...	10.579	79	5285	26.984	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 107.920%	
47) 2-Hexanone-d5	10.920	63	7072	112.432	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 224.860%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	14540	39.763	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 159.040%#	
66) 1,2-Dichlorobenzene-d4	13.847	152	4869	27.211	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 108.840%	
Target Compounds						Qvalue
16) Methylene chloride	4.928	84	5946	6.093	ug/L	# 68
34) Trichloroethene	9.092	95	120147	271.525	ug/L	91
35) Methylcyclohexane	9.335	83	1144	1.567	ug/L	87
42) Toluene	10.390	91	9108	4.940	ug/L	99
46) Tetrachloroethene	10.860	164	2399	5.707	ug/L	92
52) Ethylbenzene	11.731	91	1074	0.510	ug/L	93
53) m,p-Xylene	11.835	106	1793	2.110	ug/L	99
54) o-Xylene	12.164	106	1030	1.277	ug/L	72
60) Isopropylbenzene	12.463	105	590	0.940	ug/L	# 93
62) 1,3,5-Trimethylbenzene	12.938	105	349	0.654	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	930	1.766	ug/L	97

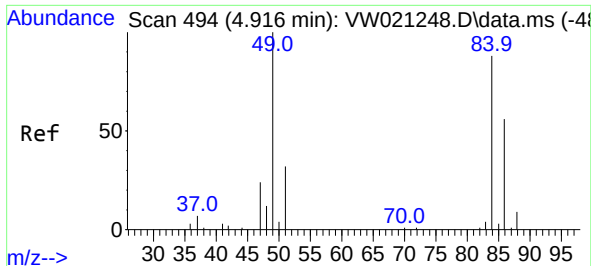
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

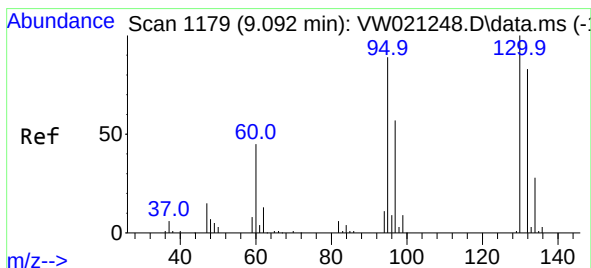
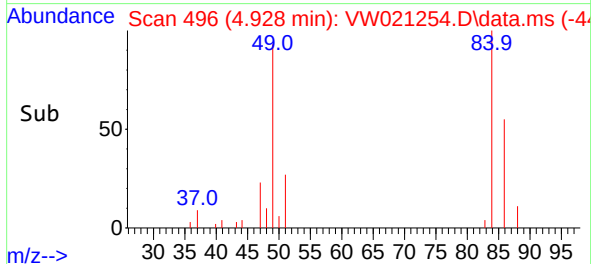
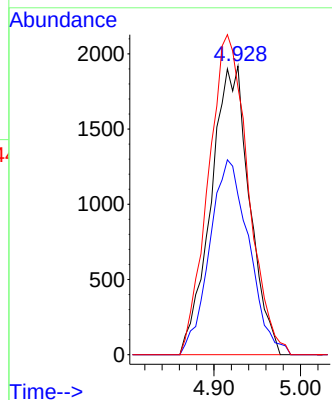
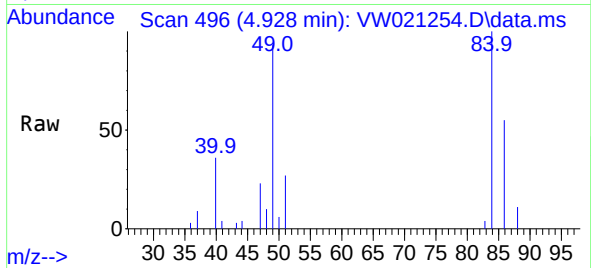




#16
Methylene chloride
Concen: 6.093 ug/L
RT: 4.928 min Scan# 494
Delta R.T. 0.012 min
Lab File: VW021254.D
Acq: 09 Dec 2021 20:35

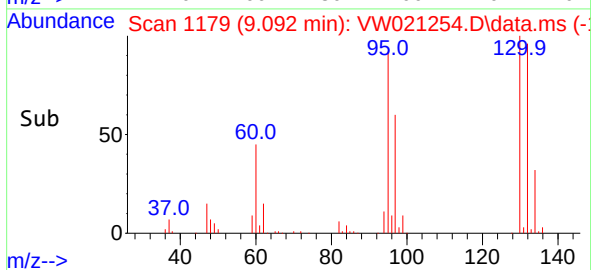
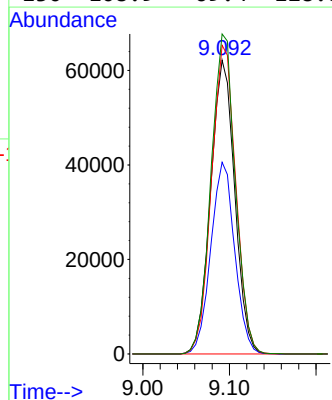
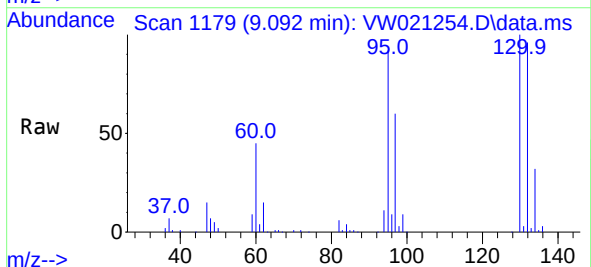
Instrument :
MSVOA_W
ClientSampleId :
EW9G7RE

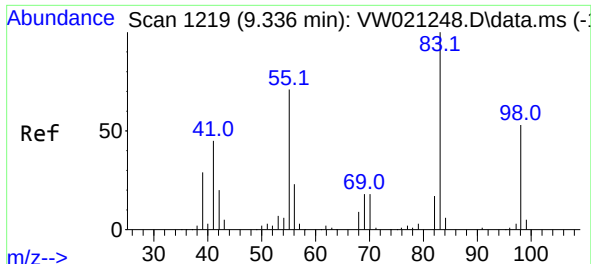
Tgt Ion: 84 Resp: 5946
Ion Ratio Lower Upper
84 100
86 55.4 45.5 84.5
49 92.7 100.5 186.7#



#34
Trichloroethene
Concen: 271.525 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021254.D
Acq: 09 Dec 2021 20:35

Tgt Ion: 95 Resp: 120147
Ion Ratio Lower Upper
95 100
97 65.3 47.0 87.2
132 105.1 65.5 121.6
130 108.9 69.4 128.8

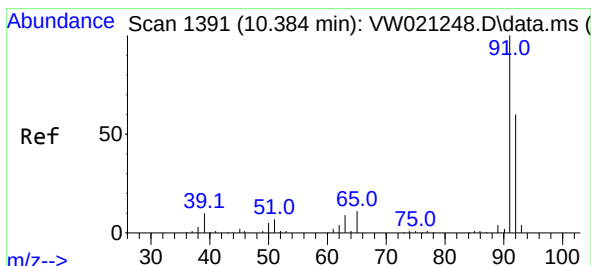
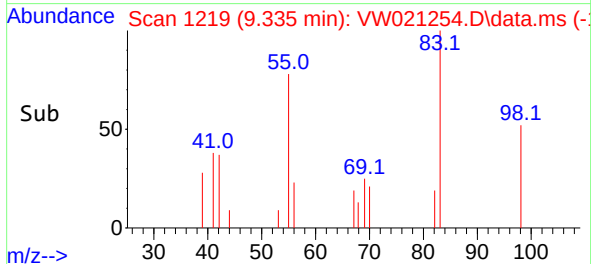
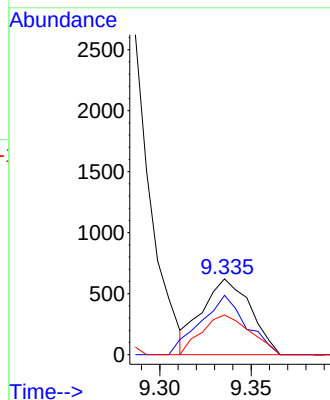
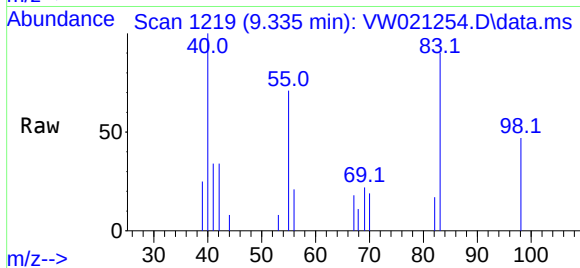




#35
Methylcyclohexane
Concen: 1.567 ug/L
RT: 9.335 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VW021254.D
Acq: 09 Dec 2021 20:35

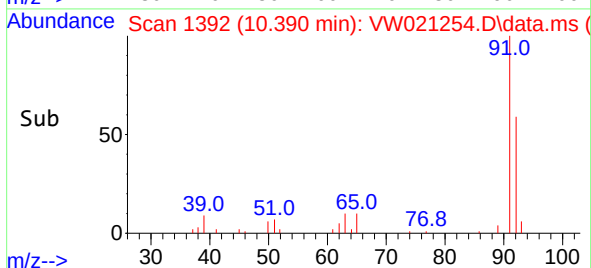
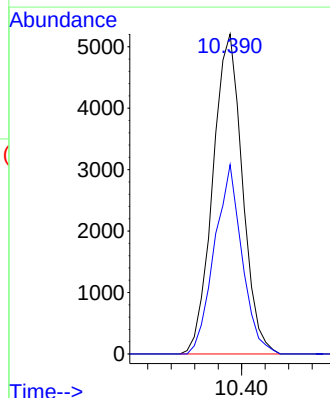
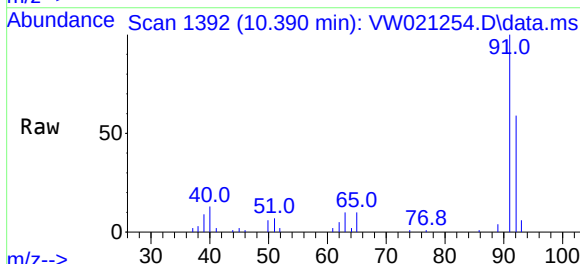
Instrument :
MSVOA_W
ClientSampleId :
EW9G7RE

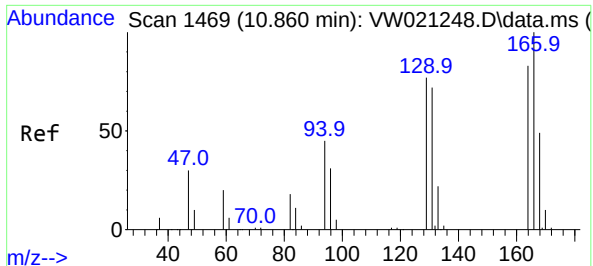
Tgt Ion: 83	Resp: 1144
Ion Ratio	Lower Upper
83 100	
55 73.4	70.8 106.2
98 52.4	37.7 56.5



#42
Toluene
Concen: 4.940 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW021254.D
Acq: 09 Dec 2021 20:35

Tgt Ion: 91	Resp: 9108		
Ion Ratio	Lower	Upper	
91 100			
92 59.2	41.7	77.5	





#46

Tetrachloroethene

Concen: 5.707 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW021254.D

Acq: 09 Dec 2021 20:35

Instrument :

MSVOA_W

ClientSampleId :

EW9G7RE

Tgt Ion:164 Resp: 2399

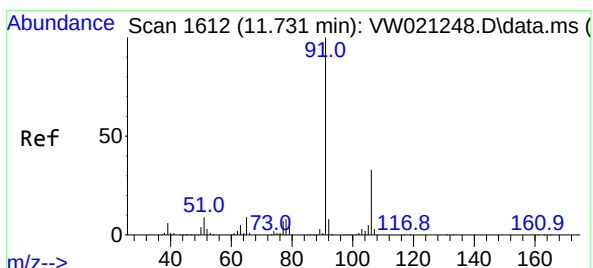
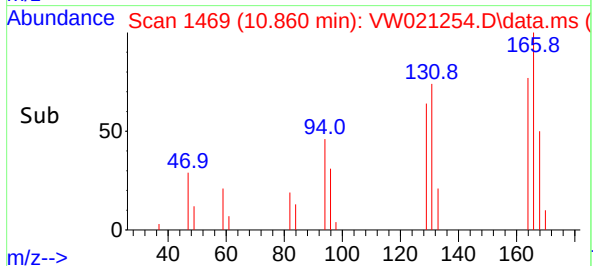
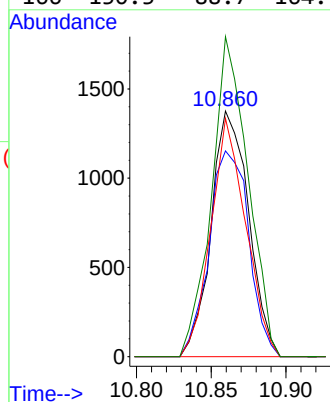
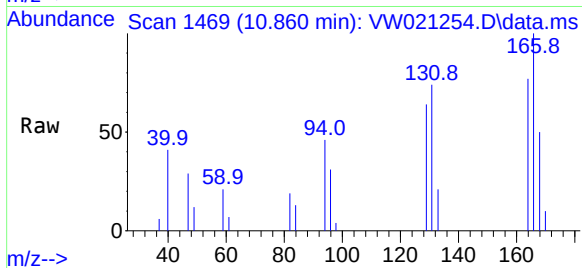
Ion Ratio Lower Upper

164 100

129 83.8 65.5 121.7

131 97.0 59.7 110.9

166 130.3 88.7 164.7



#52

Ethylbenzene

Concen: 0.510 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VW021254.D

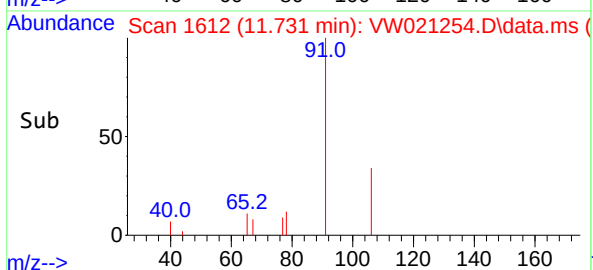
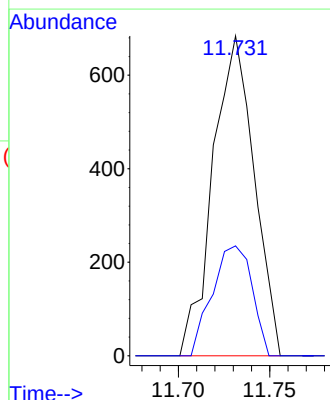
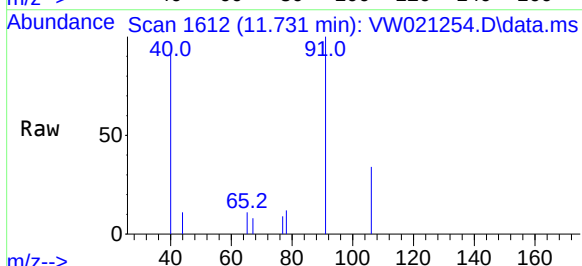
Acq: 09 Dec 2021 20:35

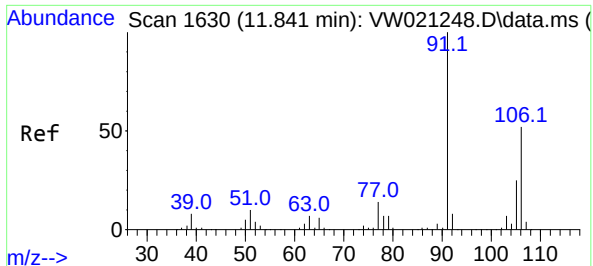
Tgt Ion: 91 Resp: 1074

Ion Ratio Lower Upper

91 100

106 34.4 21.5 39.9

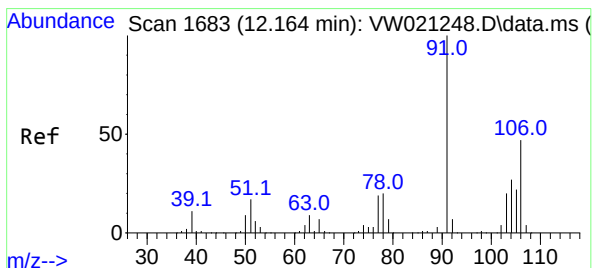
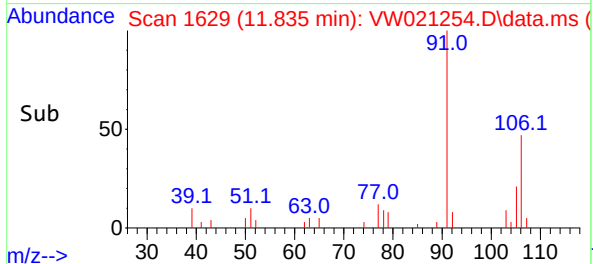
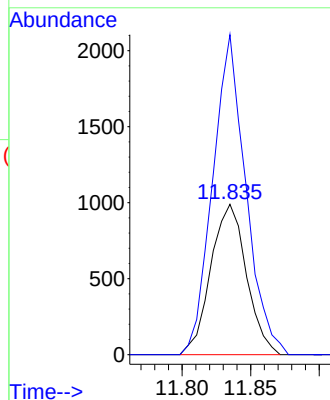
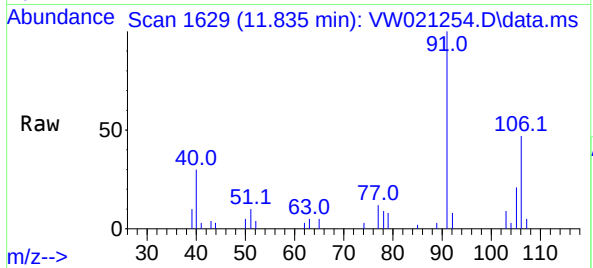




#53
m,p-Xylene
Concen: 2.110 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021254.D
Acq: 09 Dec 2021 20:35

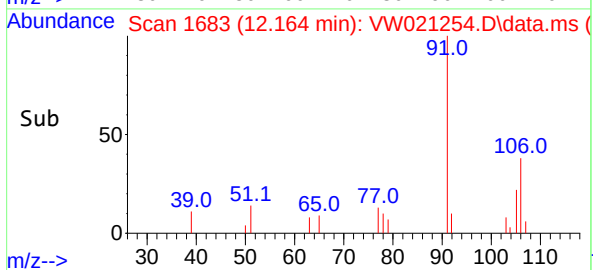
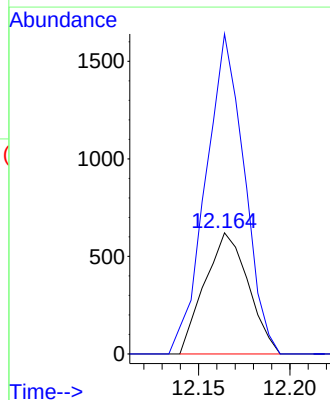
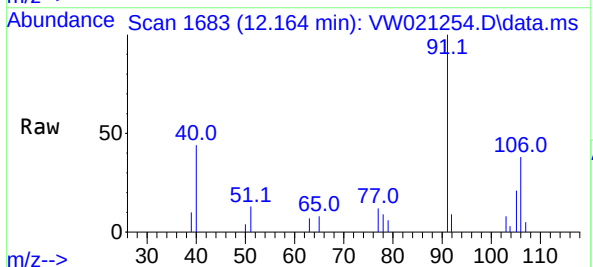
Instrument :
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ClientSampleId :
EW9G7RE

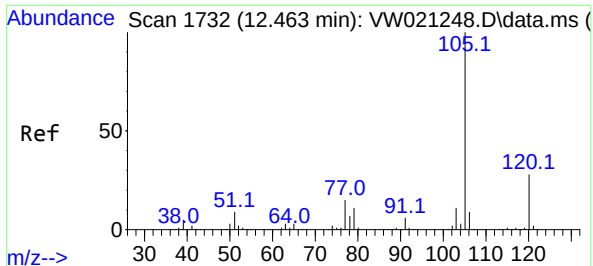
Tgt Ion:106 Resp: 1793
Ion Ratio Lower Upper
106 100
91 212.8 149.9 278.3



#54
o-Xylene
Concen: 1.277 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021254.D
Acq: 09 Dec 2021 20:35

Tgt Ion:106 Resp: 1030
Ion Ratio Lower Upper
106 100
91 264.1 153.6 285.3

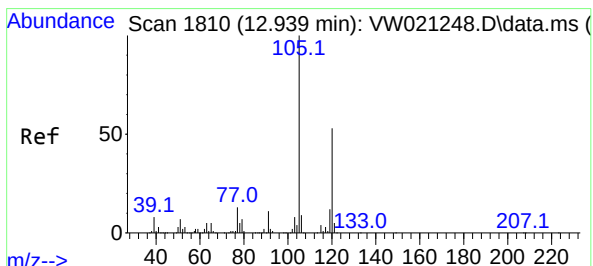
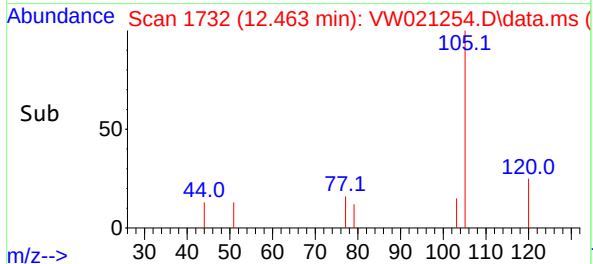
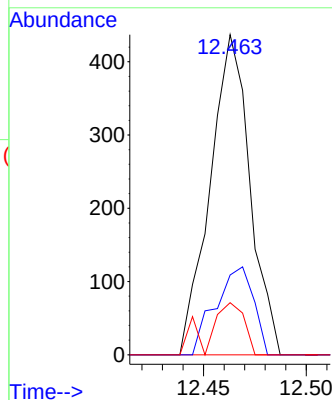
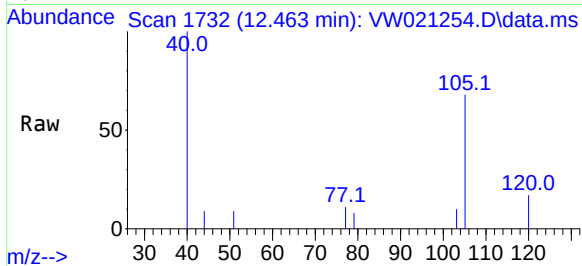




#60
Isopropylbenzene
Concen: 0.940 ug/L
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021254.D
Acq: 09 Dec 2021 20:35

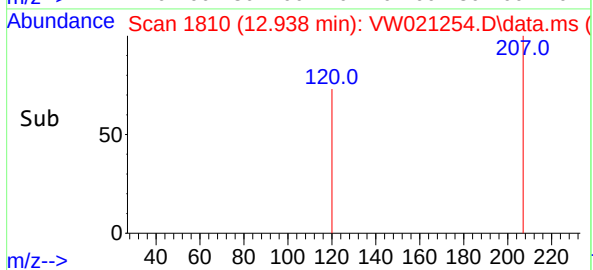
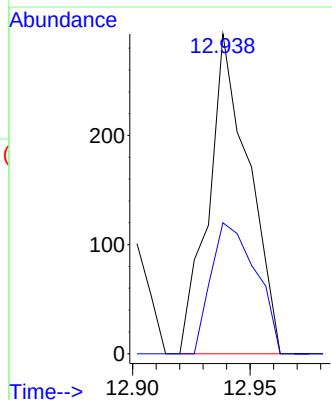
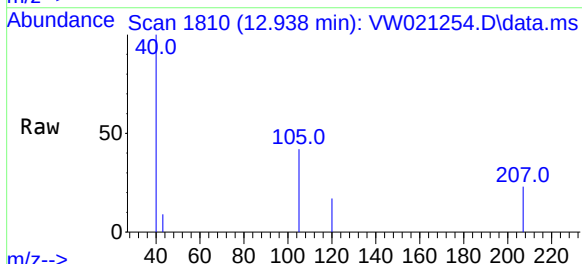
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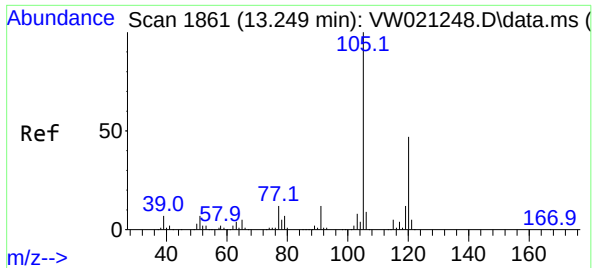
Tgt Ion:105 Resp: 590
Ion Ratio Lower Upper
105 100
120 26.3 20.1 30.1
77 11.4 13.8 20.8#



#62
1,3,5-Trimethylbenzene
Concen: 0.654 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW021254.D
Acq: 09 Dec 2021 20:35

Tgt Ion:105 Resp: 349
Ion Ratio Lower Upper
105 100
120 45.8 37.4 56.2





#63
 1,2,4-Trimethylbenzene
 Concen: 1.766 ug/L
 RT: 13.243 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW021254.D
 Acq: 09 Dec 2021 20:35

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9G7RE

Tgt Ion:105 Resp: 930
 Ion Ratio Lower Upper
 105 100
 120 45.9 35.0 52.6

