

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021610.D
 Acq On : 23 Dec 2021 13:39
 Operator : SY/VA
 Sample : M5174-06
 Misc : 3.88g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

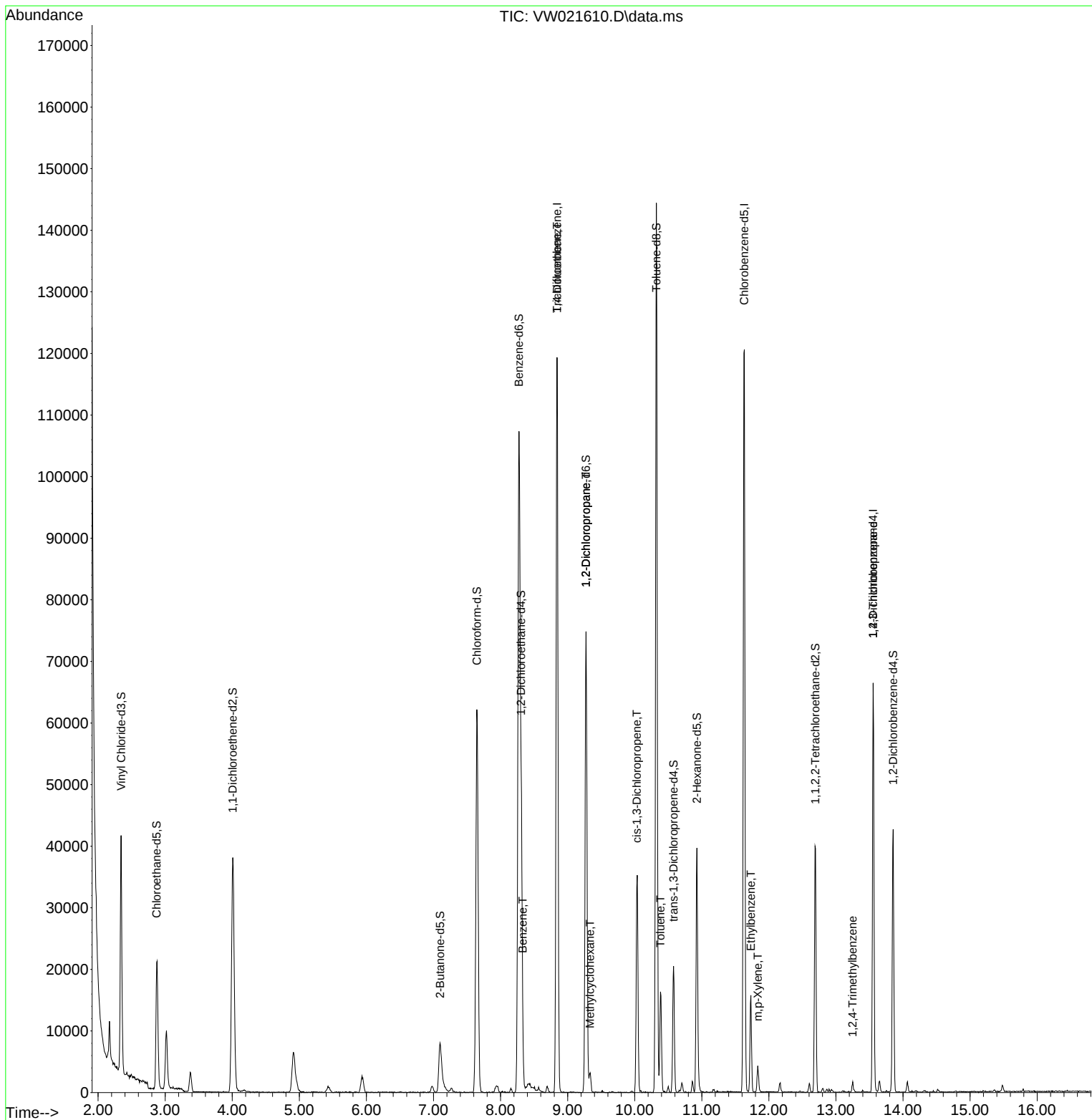
Quant Time: Dec 24 00:33:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 00:28:54 2021
 Response via : Initial Calibration

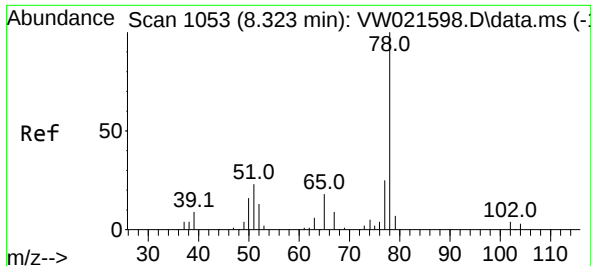
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	102886	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	71049	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	17460	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	31659	16.895	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	67.600%		
7) Chloroethane-d5	2.873	69	23943	19.329	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.320%		
11) 1,1-Dichloroethene-d2	4.007	63	36547	14.630	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	58.520%		
21) 2-Butanone-d5	7.098	46	16009	60.609	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	121.220%		
24) Chloroform-d	7.647	84	61186	21.340	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.360%		
26) 1,2-Dichloroethane-d4	8.305	65	34841	22.844	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	91.360%		
32) Benzene-d6	8.275	84	110976	28.496	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	114.000%		
36) 1,2-Dichloropropane-d6	9.274	67	31759	30.408	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	121.640%#		
41) Toluene-d8	10.323	98	93601	23.523	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.080%		
43) trans-1,3-Dichloroprop...	10.579	79	11095	23.071	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.280%		
47) 2-Hexanone-d5	10.927	63	13479	87.274	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	174.540%#		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	18708	20.837	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	83.360%		
66) 1,2-Dichlorobenzene-d4	13.853	152	11605	17.150	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	68.600%#		
Target Compounds						Qvalue
33) Benzene	8.329	78	2817	0.728	ug/L	100
34) Trichloroethene	8.842	95	3252	2.993	ug/L #	5
35) Methylcyclohexane	9.335	83	1203	0.671	ug/L	91
37) 1,2-Dichloropropane	9.274	63	4075	4.720	ug/L #	88
39) cis-1,3-Dichloropropene	10.030	75	1054	0.774	ug/L #	57
42) Toluene	10.384	91	11977	2.646	ug/L	100
52) Ethylbenzene	11.731	91	11045	2.135	ug/L	98
53) m,p-Xylene	11.835	106	1309	0.627	ug/L	90
61) 1,2,3-Trichloropropane	13.554	75	1902	7.485	ug/L #	61
63) 1,2,4-Trimethylbenzene	13.249	105	1225	0.615	ug/L	94

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

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Response via : Initial Calibration

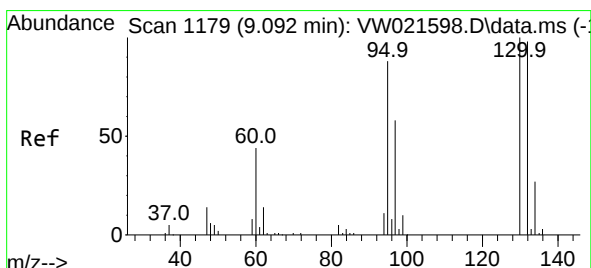
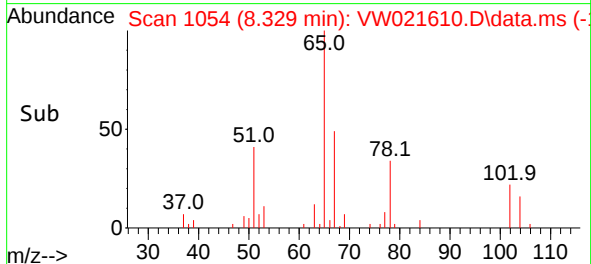
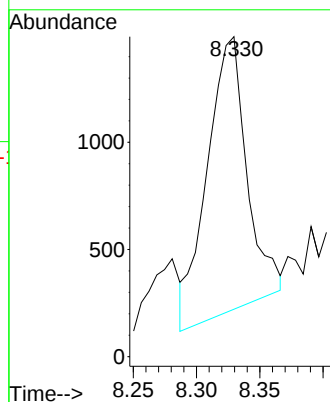
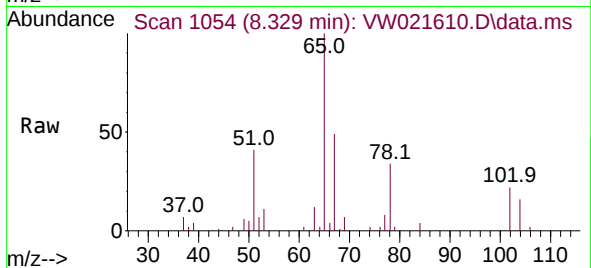




#33
Benzene
Concen: 0.728 ug/L
RT: 8.329 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VW021610.D
Acq: 23 Dec 2021 13:39

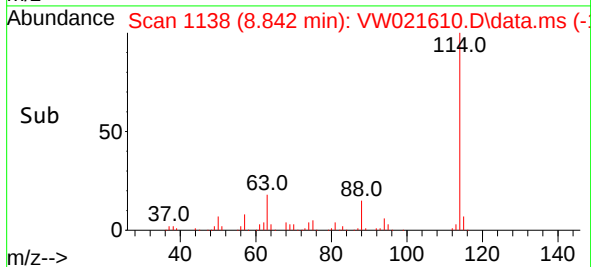
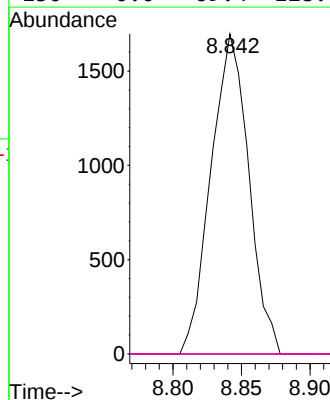
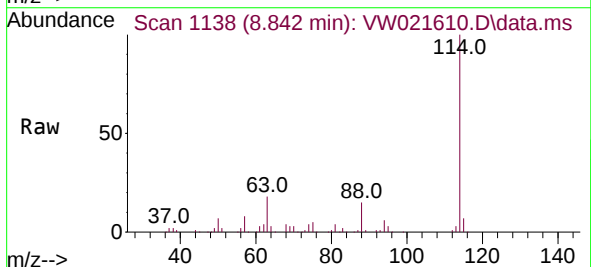
Instrument :
MSVOA_W
ClientSampleId :

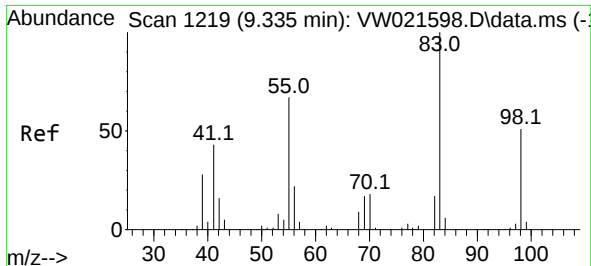
Tgt Ion: 78 Resp: 2817



#34
Trichloroethene
Concen: 2.993 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW021610.D
Acq: 23 Dec 2021 13:39

Tgt Ion: 95 Resp: 3252
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: 0.671 ug/L

RT: 9.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021610.D

Acq: 23 Dec 2021 13:39

Instrument :

MSVOA_W

ClientSampleId :

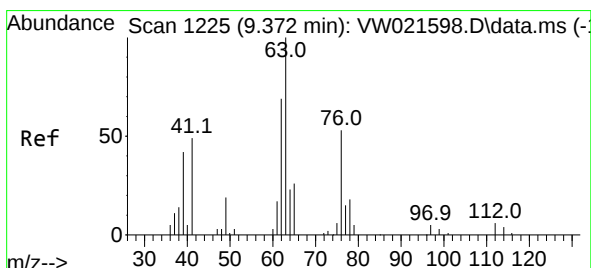
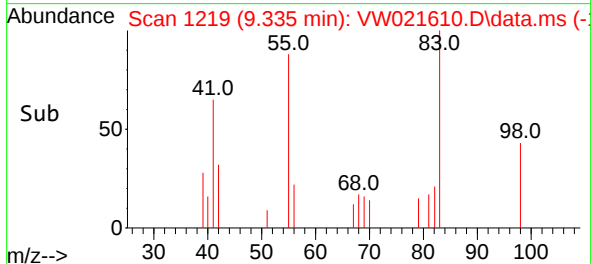
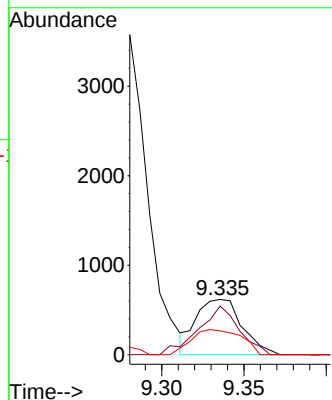
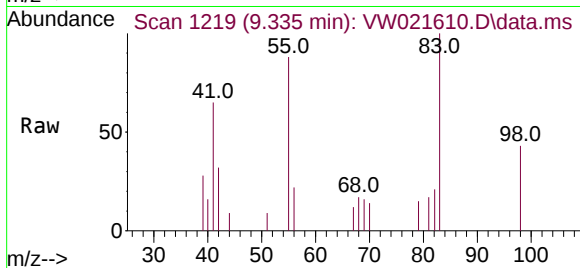
Tgt Ion: 83 Resp: 1203

Ion Ratio Lower Upper

83 100

55 77.8 70.8 106.2

98 49.5 37.7 56.5



#37

1,2-Dichloropropane

Concen: 4.720 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.098 min

Lab File: VW021610.D

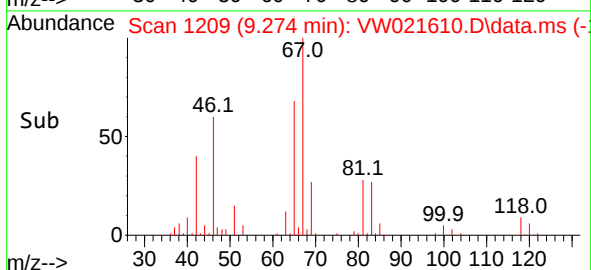
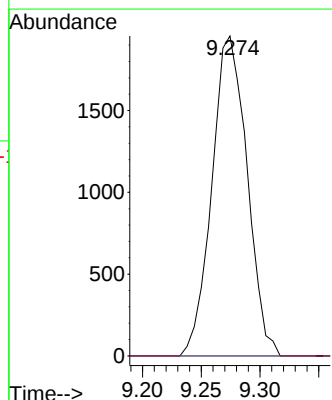
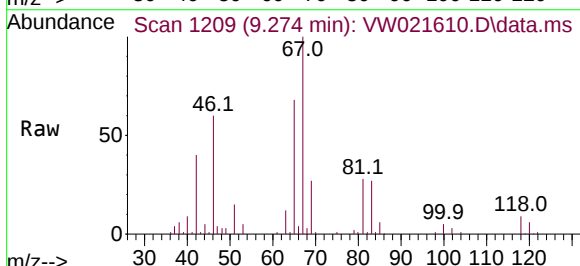
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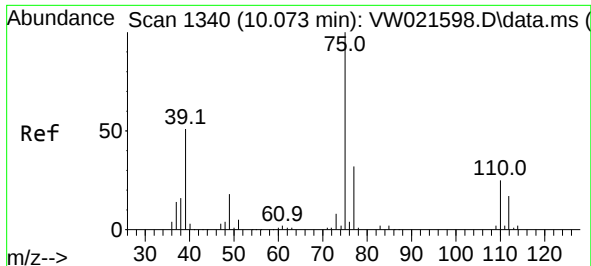
Tgt Ion: 63 Resp: 4075

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

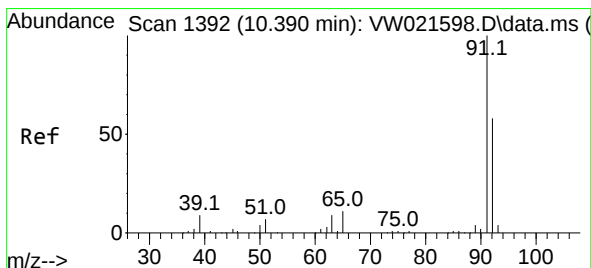
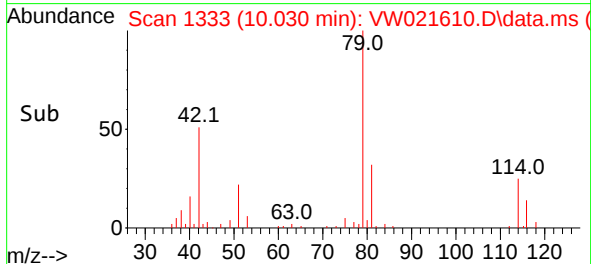
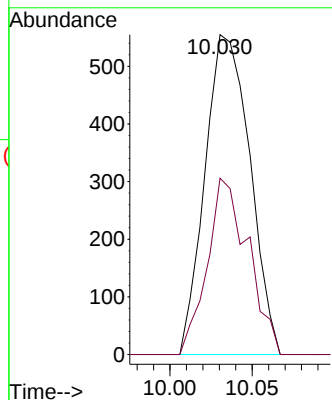
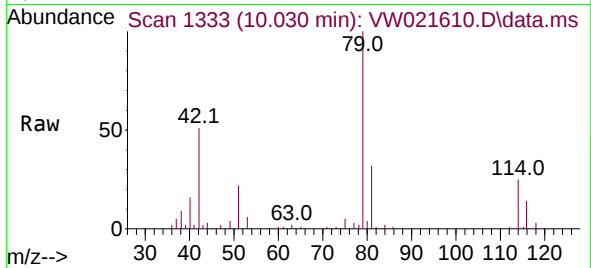




#39
 cis-1,3-Dichloropropene
 Concen: 0.774 ug/L
 RT: 10.030 min Scan# 11
 Delta R.T. -0.043 min
 Lab File: VW021610.D
 Acq: 23 Dec 2021 13:39

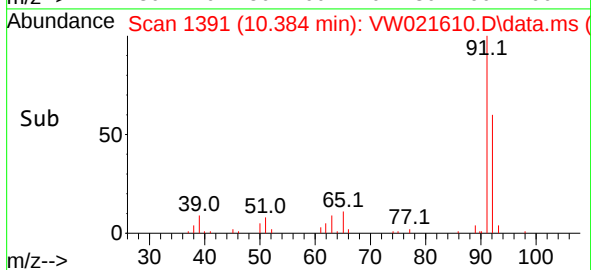
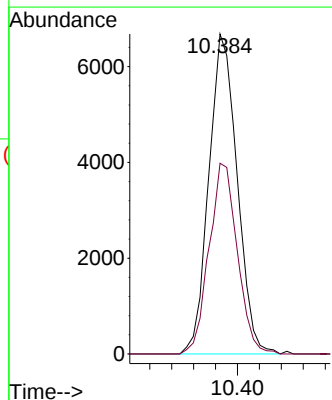
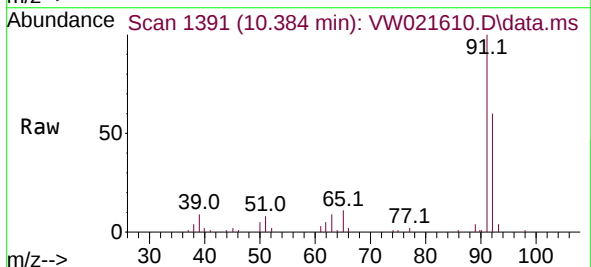
Instrument :
 MSVOA_W
 ClientSampleId :

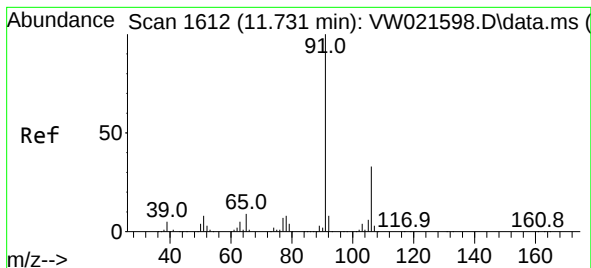
Tgt Ion: 75 Resp: 1054
 Ion Ratio Lower Upper
 75 100
 77 55.1 21.8 40.6#



#42
 Toluene
 Concen: 2.646 ug/L
 RT: 10.384 min Scan# 1391
 Delta R.T. -0.006 min
 Lab File: VW021610.D
 Acq: 23 Dec 2021 13:39

Tgt Ion: 91 Resp: 11977
 Ion Ratio Lower Upper
 91 100
 92 59.6 41.7 77.5

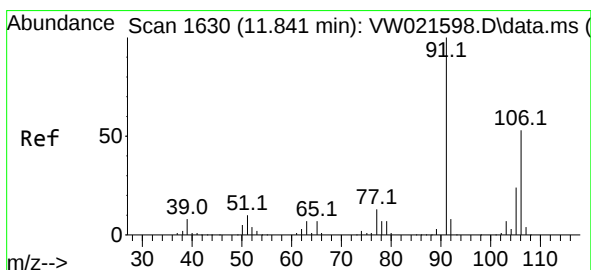
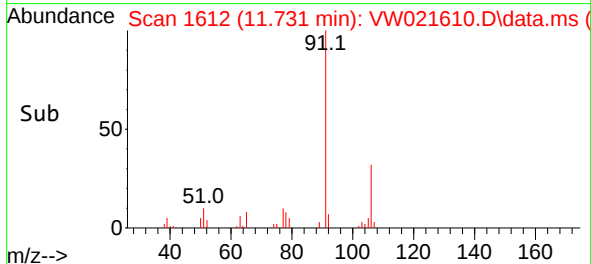
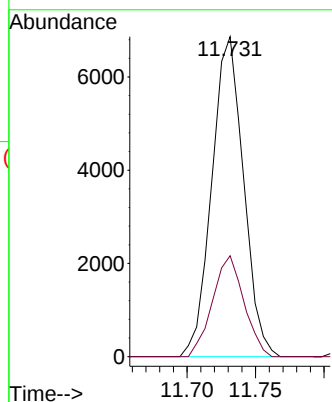
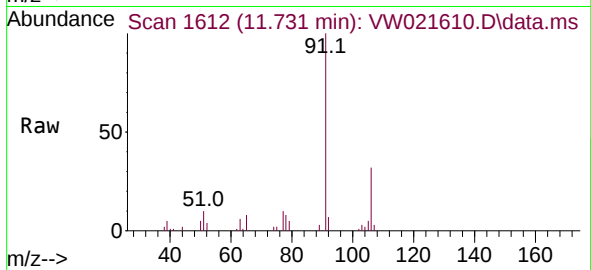




#52
Ethylbenzene
Concen: 2.135 ug/L
RT: 11.731 min Scan# 11045
Delta R.T. -0.000 min
Lab File: VW021610.D
Acq: 23 Dec 2021 13:39

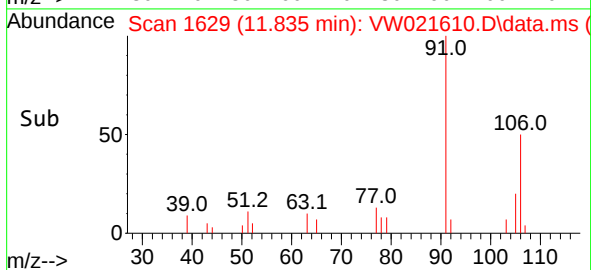
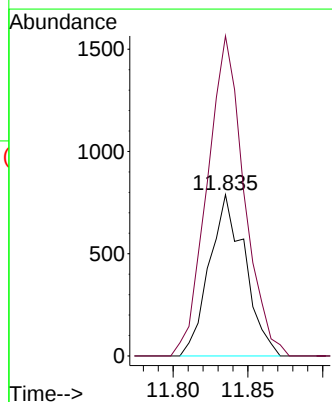
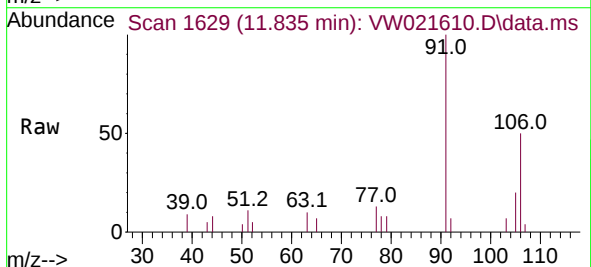
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MSVOA_W
ClientSampleId :

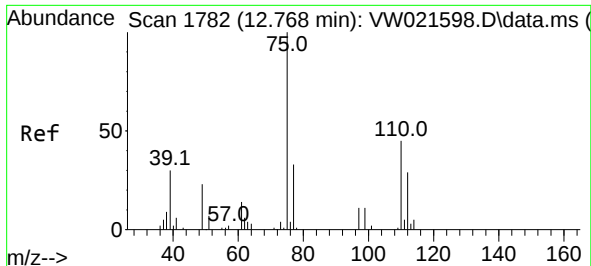
Tgt Ion: 91 Resp: 11045
Ion Ratio Lower Upper
91 100
106 31.6 21.5 39.9



#53
m,p-Xylene
Concen: 0.627 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021610.D
Acq: 23 Dec 2021 13:39

Tgt Ion:106 Resp: 1309
Ion Ratio Lower Upper
106 100
91 198.4 149.9 278.3





#61

1,2,3-Trichloropropane

Concen: 7.485 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021610.D

Acq: 23 Dec 2021 13:39

Instrument :

MSVOA_W

ClientSampleId :

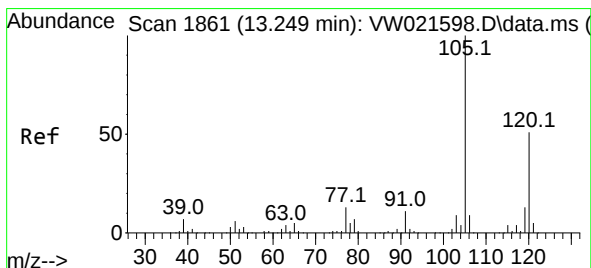
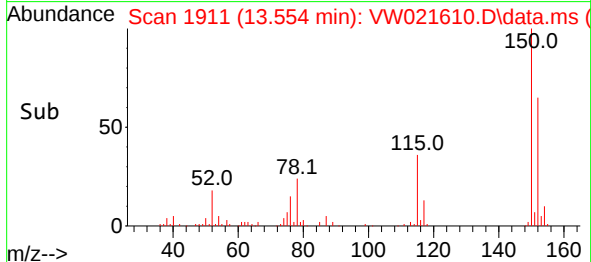
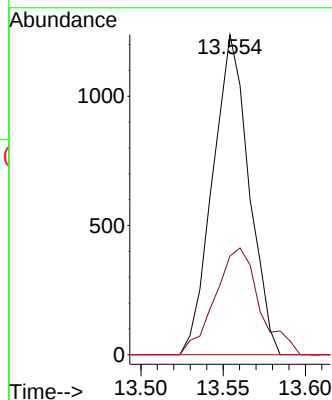
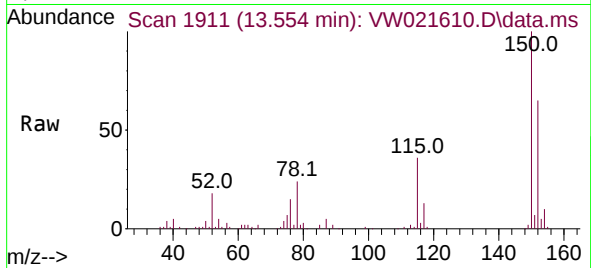
Tgt Ion: 75 Resp: 1902

Ion Ratio Lower Upper

75 100

77 40.6 25.8 38.8#

110 0.0 29.0 43.4#



#63

1,2,4-Trimethylbenzene

Concen: 0.615 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021610.D

Acq: 23 Dec 2021 13:39

Tgt Ion: 105 Resp: 1225

Ion Ratio Lower Upper

105 100

120 40.2 35.0 52.6

