

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021071.D
 Acq On : 03 Dec 2021 18:04
 Operator : SY/VA
 Sample : M4881-10RE
 Misc : 3.78g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

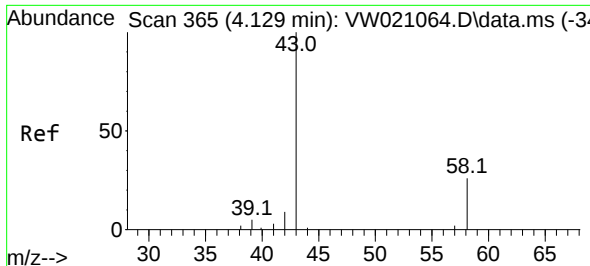
Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 04 01:40:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 01:31:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	106886	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	66005	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	16916	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	21138	14.194	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.760%
7) Chloroethane-d5	2.879	69	17998	18.054	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	4.013	63	26653	11.203	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.800%#
21) 2-Butanone-d5	7.074	46	15834	46.614	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.220%
24) Chloroform-d	7.647	84	58426	21.827	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.320%
26) 1,2-Dichloroethane-d4	8.305	65	29168	19.918	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.680%
32) Benzene-d6	8.275	84	98423	29.163	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.640%
36) 1,2-Dichloropropane-d6	9.275	67	31685	33.784	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.120%#
41) Toluene-d8	10.323	98	75623	21.853	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	10.579	79	7221	16.956	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.840%
47) 2-Hexanone-d5	10.921	63	10747	59.892	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.780%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	21778	25.099	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	13.847	152	14608	24.102	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	2181	7.049	ug/L	94
16) Methylene chloride	4.922	84	8062	4.788	ug/L	84
27) 1,2-Dichloroethane	8.397	62	5212	3.030	ug/L	98
33) Benzene	8.330	78	6898	1.838	ug/L	100
34) Trichloroethene	8.836	95	3126	3.019	ug/L	# 5
37) 1,2-Dichloropropane	9.275	63	3978	4.689	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	874	0.637	ug/L	99
42) Toluene	10.390	91	12728	2.969	ug/L	99
48) 2-Hexanone	10.927	43	1507	3.615	ug/L	# 69
53) m,p-Xylene	11.835	106	1814	0.909	ug/L	96
55) Styrene	12.183	104	19462	6.068	ug/L	93
61) 1,2,3-Trichloropropane	12.597	75	583	2.057	ug/L	# 86
62) 1,3,5-Trimethylbenzene	12.945	105	783	0.398	ug/L	95
63) 1,2,4-Trimethylbenzene	13.256	105	1438	0.726	ug/L	99
71) Naphthalene	15.365	128	6344	5.105	ug/L	98

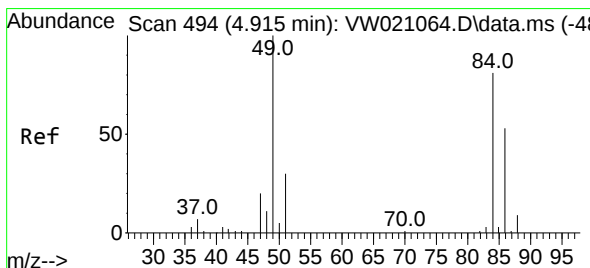
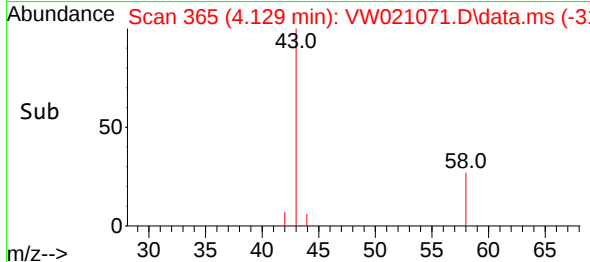
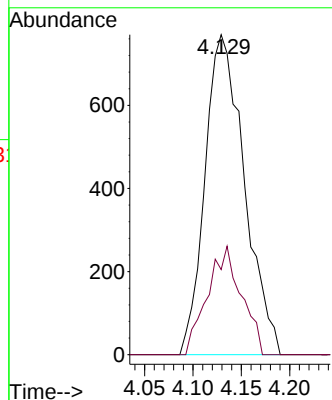
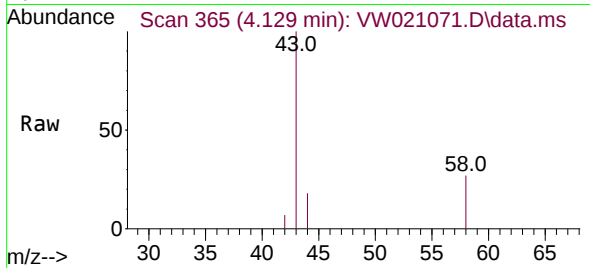
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#13
Acetone
Concen: 7.049 ug/L
RT: 4.129 min Scan# 301
Delta R.T. 0.000 min
Lab File: VW021071.D
Acq: 03 Dec 2021 18:04

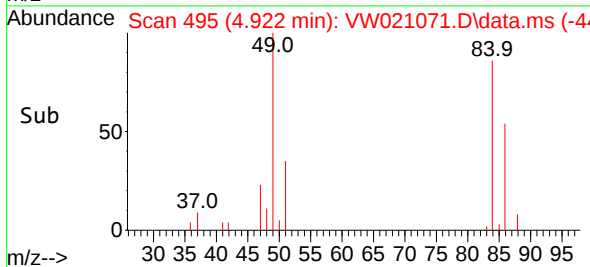
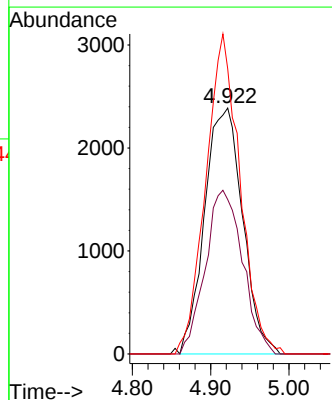
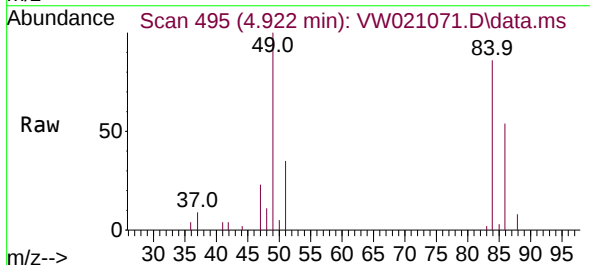
Instrument :
MSVOA_W
ClientSampleId :

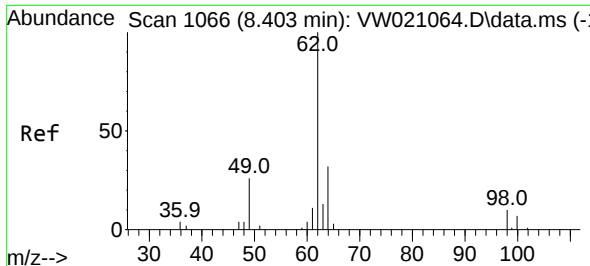
Tgt Ion: 43 Resp: 2181
Ion Ratio Lower Upper
43 100
58 29.3 0.0 52.8



#16
Methylene chloride
Concen: 4.788 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW021071.D
Acq: 03 Dec 2021 18:04

Tgt Ion: 84 Resp: 8062
Ion Ratio Lower Upper
84 100
86 62.8 45.5 84.5
49 115.9 100.5 186.7





#27

1,2-Dichloroethane

Concen: 3.030 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW021071.D

Acq: 03 Dec 2021 18:04

Instrument :

MSVOA_W

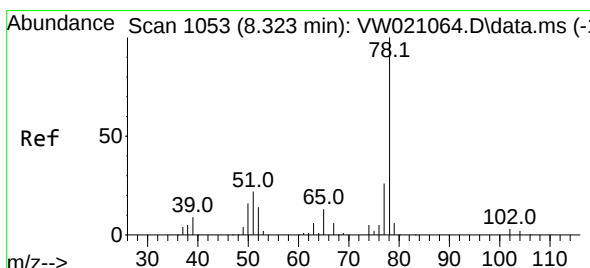
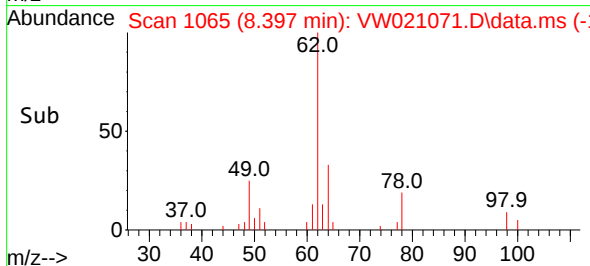
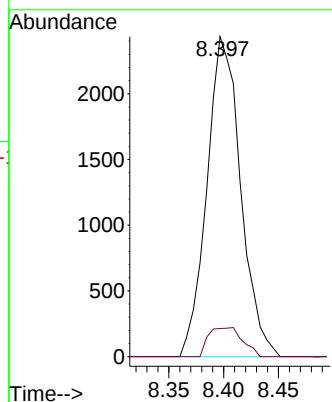
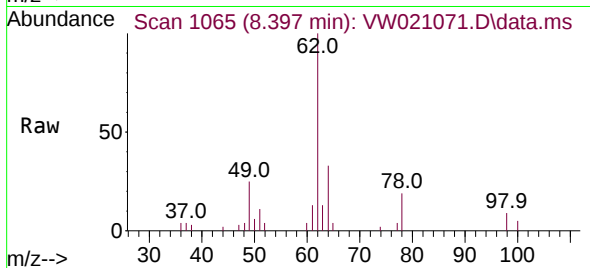
ClientSampleId :

Tgt Ion: 62 Resp: 5212

Ion Ratio Lower Upper

62 100

98 8.8 6.5 9.7



#33

Benzene

Concen: 1.838 ug/L

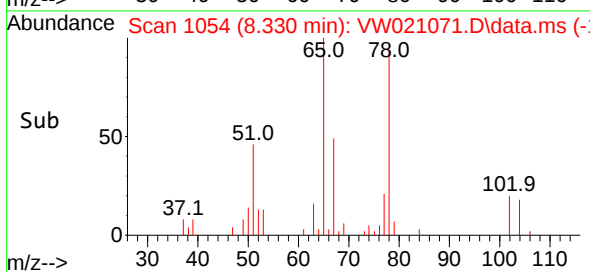
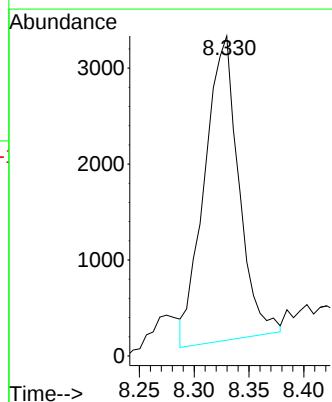
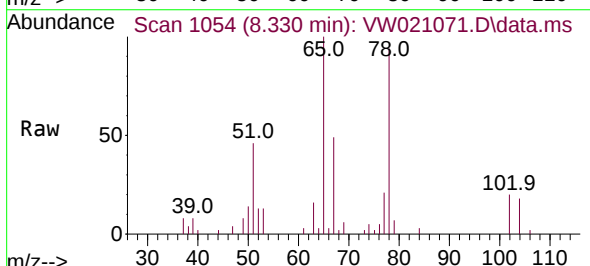
RT: 8.330 min Scan# 1054

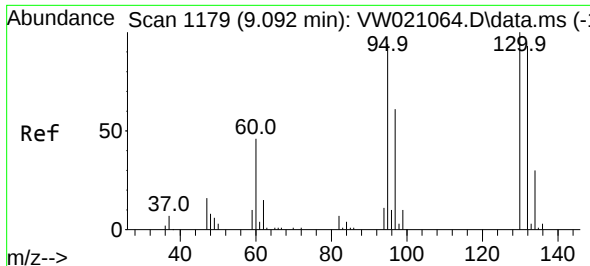
Delta R.T. 0.006 min

Lab File: VW021071.D

Acq: 03 Dec 2021 18:04

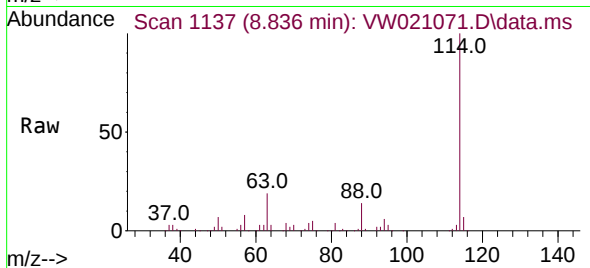
Tgt Ion: 78 Resp: 6898



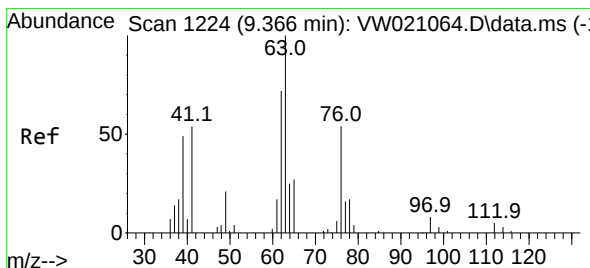
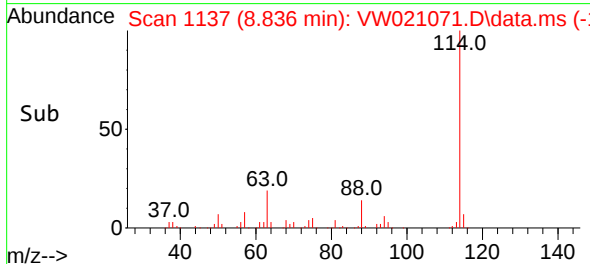
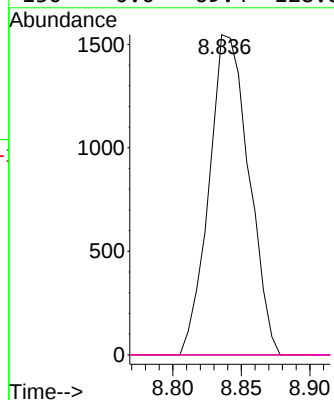


#34
Trichloroethene
Concen: 3.019 ug/L
RT: 8.836 min Scan# 1179
Delta R.T. -0.256 min
Lab File: VW021071.D
Acq: 03 Dec 2021 18:04

Instrument :
MSVOA_W
ClientSampleId :

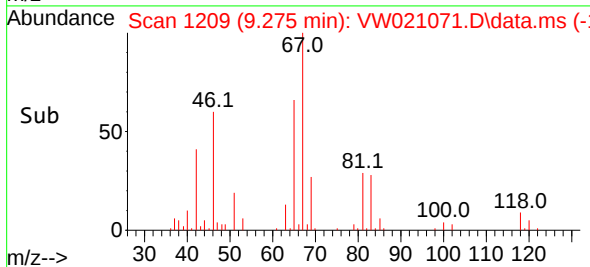
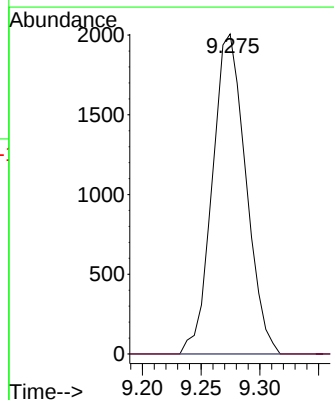
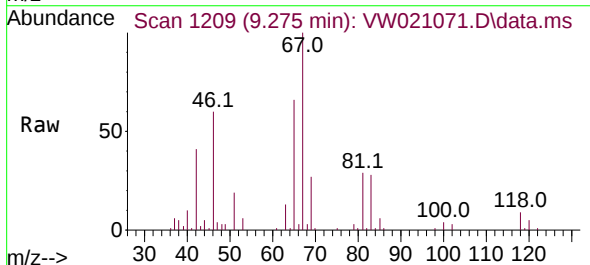


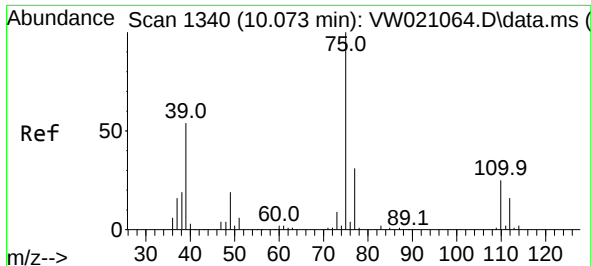
Tgt Ion: 95 Resp: 3126
Ion Ratio Lower Upper
95 100
97 0.0 47.0 87.2#
132 0.0 65.5 121.6#
130 0.0 69.4 128.8#



#37
1,2-Dichloropropane
Concen: 4.689 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW021071.D
Acq: 03 Dec 2021 18:04

Tgt Ion: 63 Resp: 3978
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.637 ug/L

RT: 10.037 min Scan# 1

Delta R.T. -0.036 min

Lab File: VW021071.D

Acq: 03 Dec 2021 18:04

Instrument :

MSVOA_W

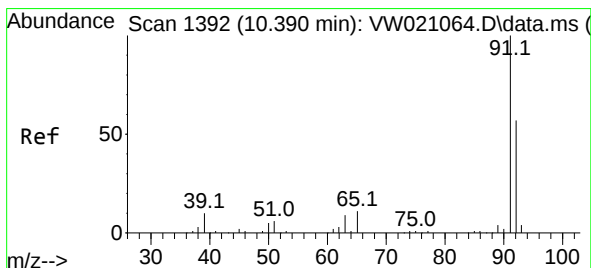
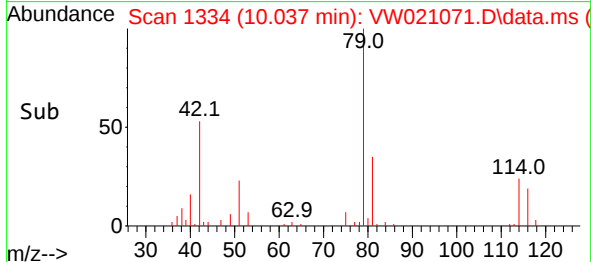
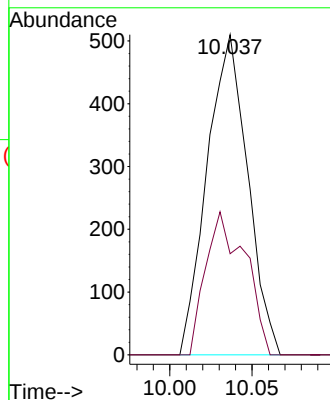
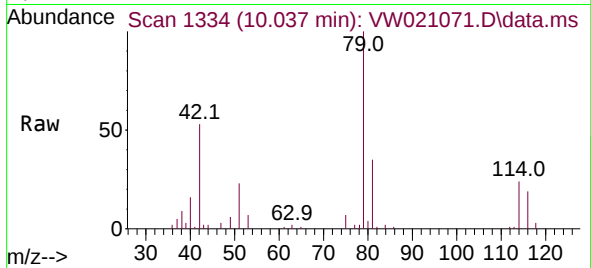
ClientSampleId :

Tgt Ion: 75 Resp: 874

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.6



#42

Toluene

Concen: 2.969 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW021071.D

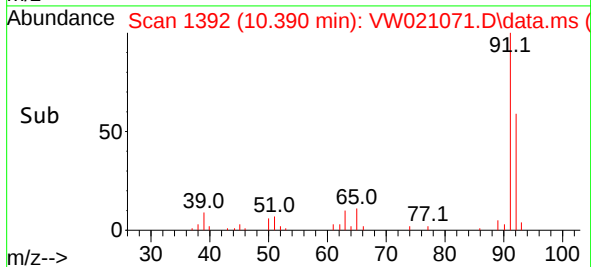
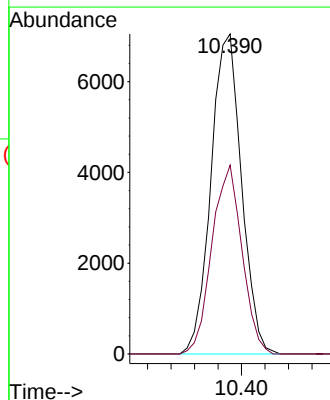
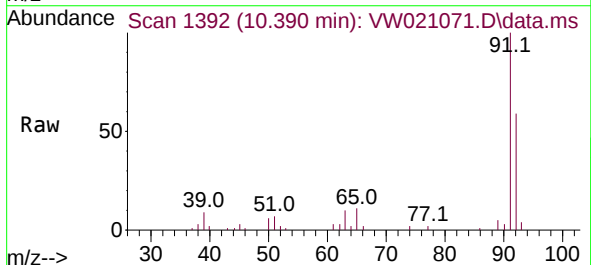
Acq: 03 Dec 2021 18:04

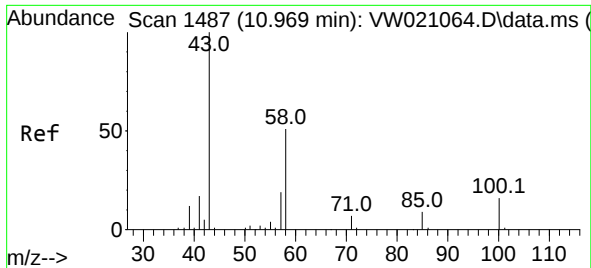
Tgt Ion: 91 Resp: 12728

Ion Ratio Lower Upper

91 100

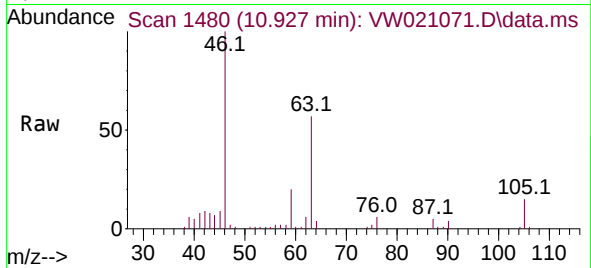
92 59.0 41.7 77.5



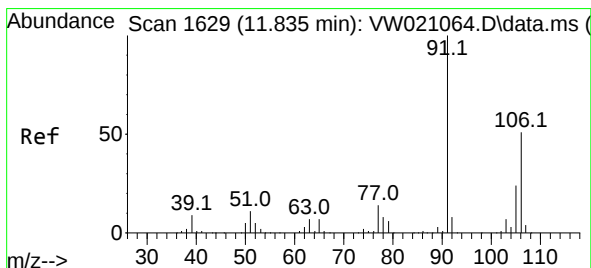
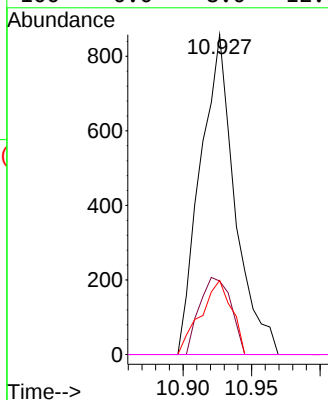
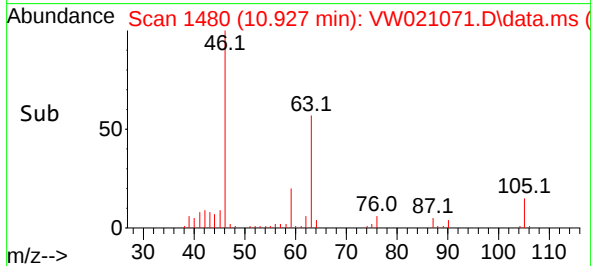


#48
2-Hexanone
Concen: 3.615 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021071.D
Acq: 03 Dec 2021 18:04

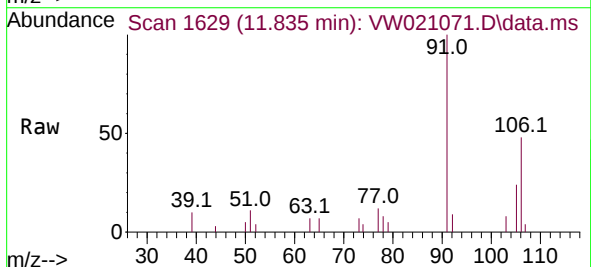
Instrument :
MSVOA_W
ClientSampleId :



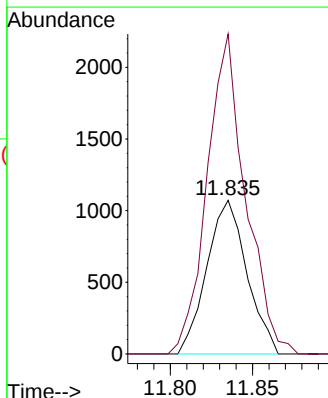
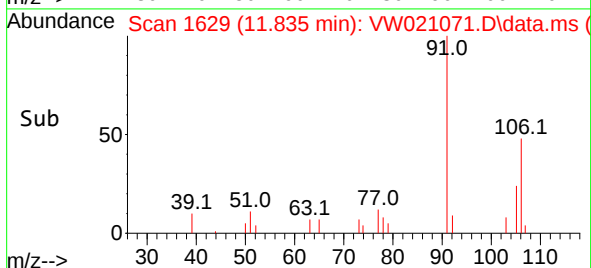
Tgt Ion: 43 Resp: 1507
Ion Ratio Lower Upper
43 100
58 22.0 40.2 60.2#
57 20.8 14.3 21.5
100 0.0 8.0 12.0#

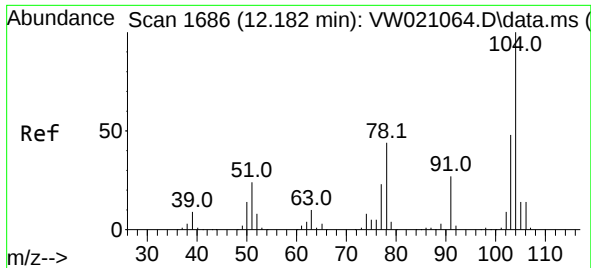


#53
m,p-Xylene
Concen: 0.909 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021071.D
Acq: 03 Dec 2021 18:04



Tgt Ion: 106 Resp: 1814
Ion Ratio Lower Upper
106 100
91 208.3 149.9 278.3

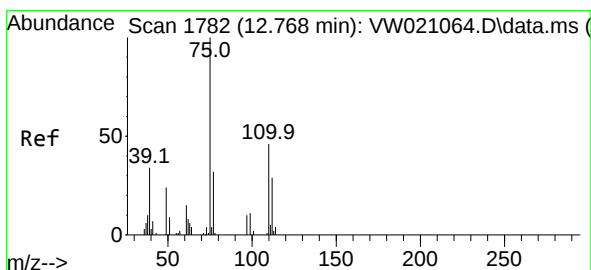
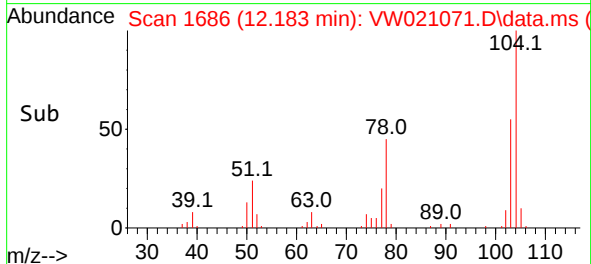
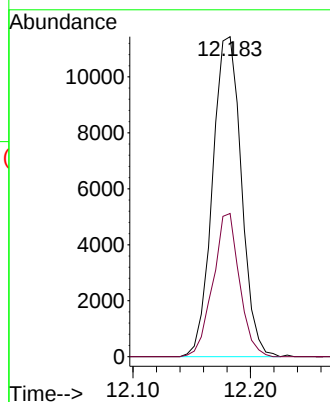
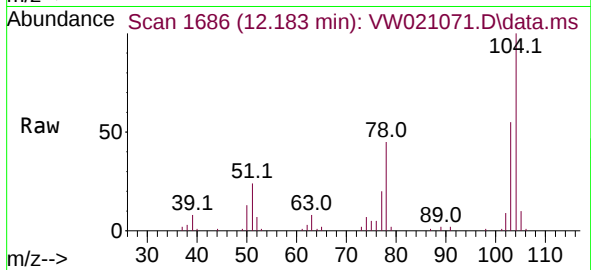




#55
Styrene
Concen: 6.068 ug/L
RT: 12.183 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021071.D
Acq: 03 Dec 2021 18:04

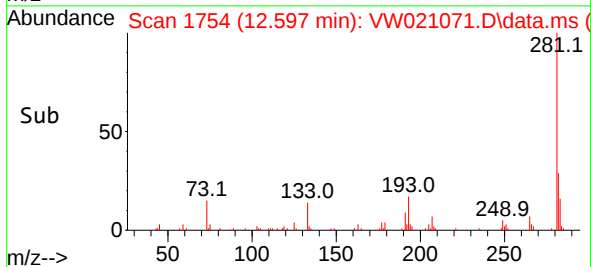
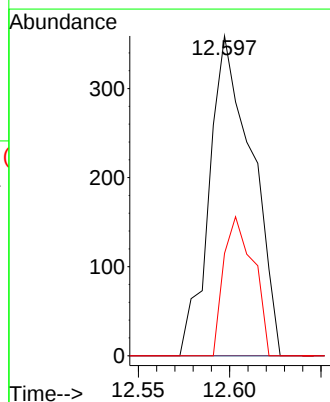
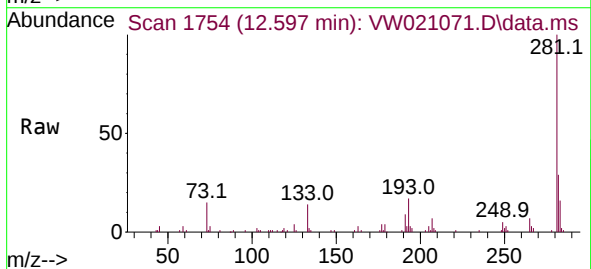
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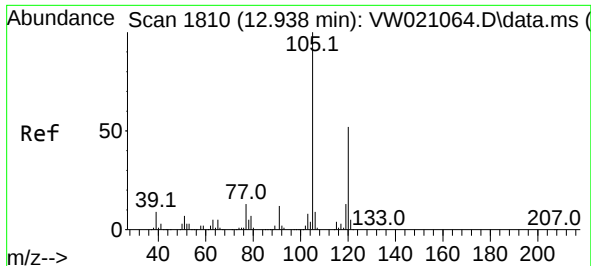
Tgt Ion:104 Resp: 19462
Ion Ratio Lower Upper
104 100
78 44.7 34.4 64.0



#61
1,2,3-Trichloropropane
Concen: 2.057 ug/L
RT: 12.597 min Scan# 1754
Delta R.T. -0.171 min
Lab File: VW021071.D
Acq: 03 Dec 2021 18:04

Tgt Ion: 75 Resp: 583
Ion Ratio Lower Upper
75 100
77 21.3 25.8 38.8#
110 30.5 29.0 43.4





#62

1,3,5-Trimethylbenzene

Concen: 0.398 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW021071.D

Acq: 03 Dec 2021 18:04

Instrument :

MSVOA_W

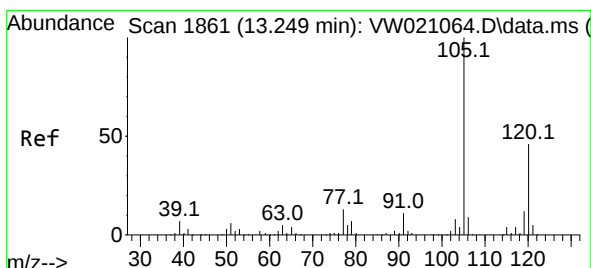
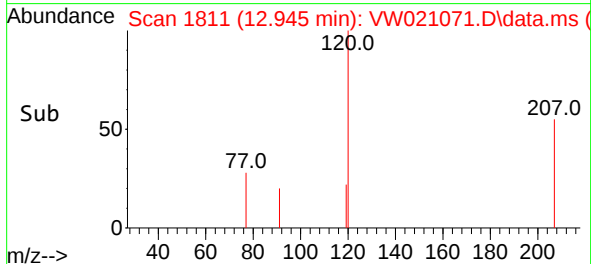
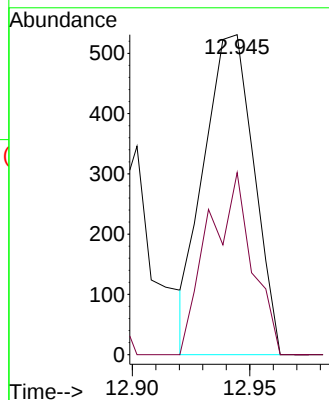
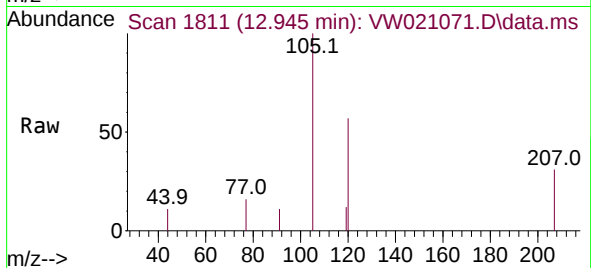
ClientSampleId :

Tgt Ion:105 Resp: 783

Ion Ratio Lower Upper

105 100

120 50.2 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 0.726 ug/L

RT: 13.256 min Scan# 1862

Delta R.T. 0.006 min

Lab File: VW021071.D

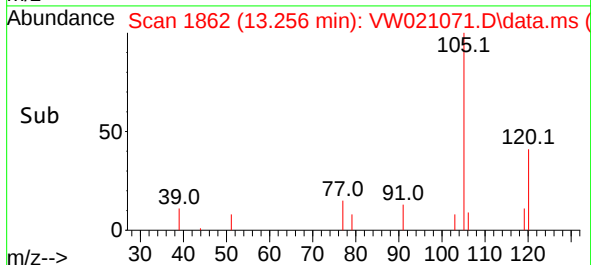
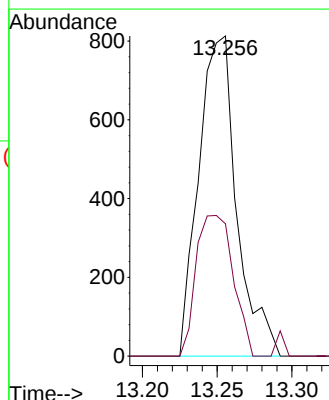
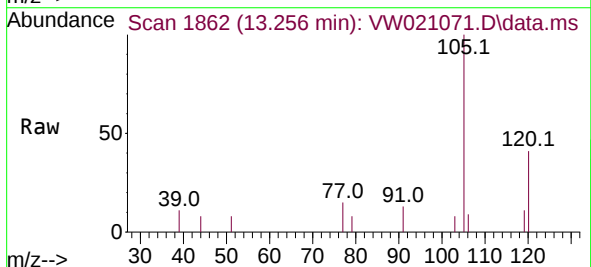
Acq: 03 Dec 2021 18:04

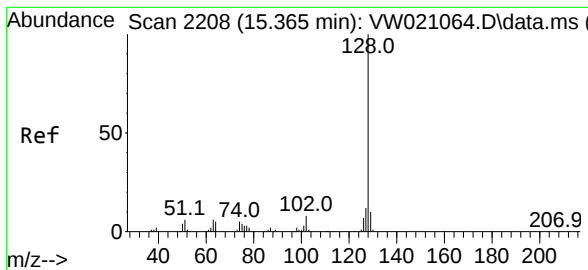
Tgt Ion:105 Resp: 1438

Ion Ratio Lower Upper

105 100

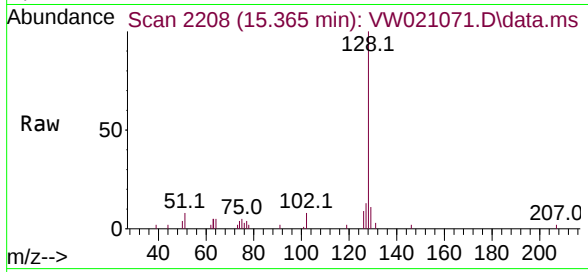
120 42.8 35.0 52.6





#71
Naphthalene
Concen: 5.105 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW021071.D
Acq: 03 Dec 2021 18:04

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 6344

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.7	16.1
129	11.3	8.6	12.8

