

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
 Data File : VW022488.D
 Acq On : 11 Apr 2022 17:21
 Operator : SY/VA
 Sample : N2316-09
 Misc : 6.70g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 11 23:59:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Apr 11 23:55:29 2022
 Response via : Initial Calibration

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

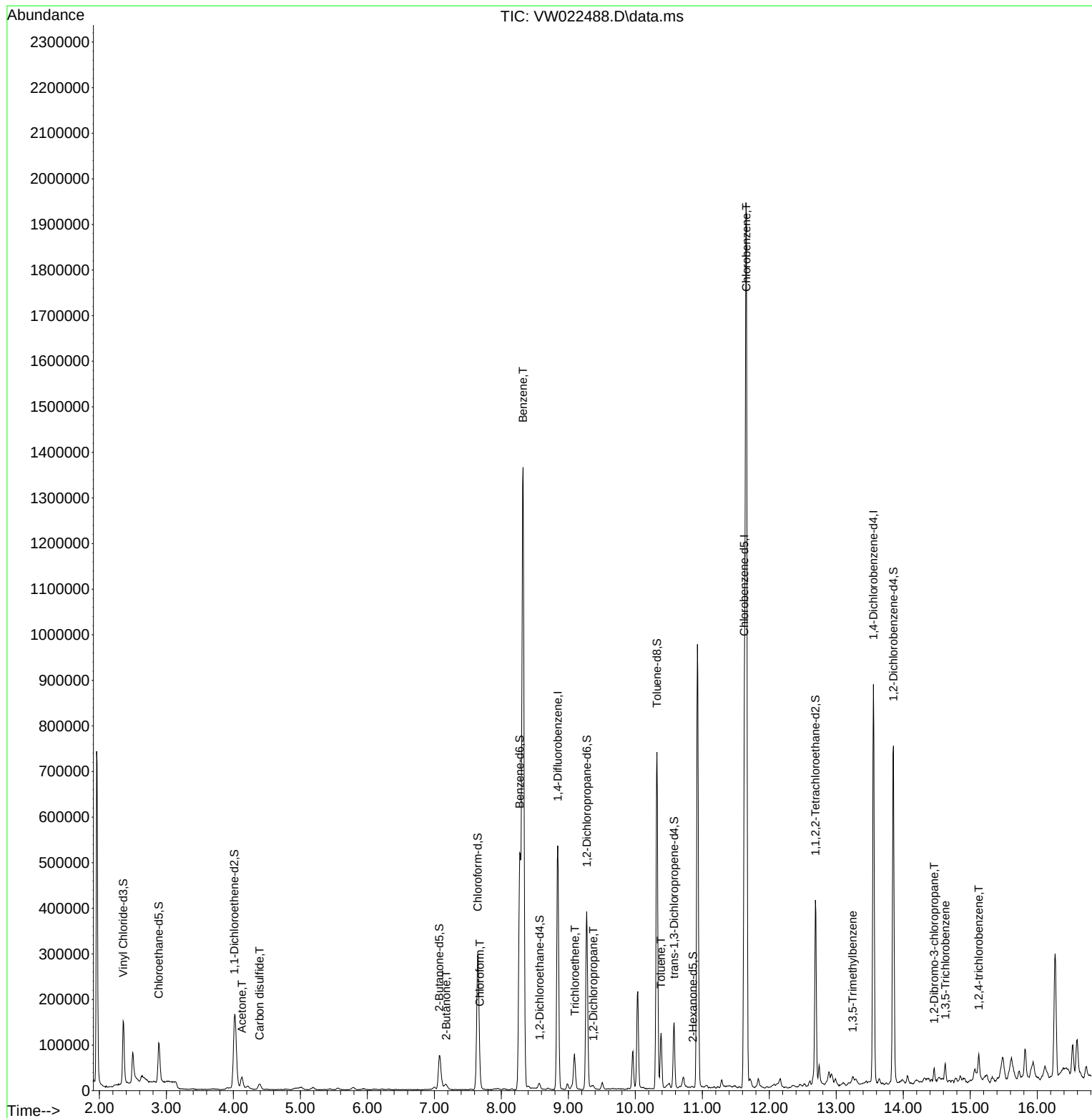
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	456386	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	424728	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	215079	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	144496	14.322	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.280%
7) Chloroethane-d5	2.885	69	98498	15.577	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.320%
11) 1,1-Dichloroethene-d2	4.013	63	158123	12.083	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.320%
21) 2-Butanone-d5	7.074	46	124426	70.638	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.280%#
24) Chloroform-d	7.647	84	288799	20.245	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.000%
26) 1,2-Dichloroethane-d4	8.573	65	120	0.015	ug/L	0.27
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.040%#
32) Benzene-d6	8.275	84	520296	20.051	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	9.274	67	167885	22.357	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.440%
41) Toluene-d8	10.323	98	486447	19.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.560%
43) trans-1,3-Dichloroprop...	10.579	79	74436	21.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.000%
47) 2-Hexanone-d5	10.860	63	88	0.063	ug/L	-0.06
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.120%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	188904	29.585	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	180180	23.652	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.600%
Target Compounds						Qvalue
13) Acetone	4.129	43	45962	38.324	ug/L	100
14) Carbon disulfide	4.391	76	24628	1.218	ug/L #	92
22) 2-Butanone	7.177	43	5103	2.817	ug/L	95
25) Chloroform	7.677	83	16580	1.198	ug/L	90
33) Benzene	8.323	78	1237044	42.899	ug/L	100
34) Trichloroethene	9.098	95	22054	2.856	ug/L	98
37) 1,2-Dichloropropane	9.372	63	2671	0.387	ug/L	99
42) Toluene	10.384	91	43402	1.313	ug/L	97
51) Chlorobenzene	11.658	112	1016048	50.318	ug/L	94
62) 1,3,5-Trimethylbenzene	13.243	105	6433	0.327	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.463	75	3715	3.501	ug/L #	15
69) 1,3,5-Trichlorobenzene	14.627	180	12077	1.277	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	15347	1.932	ug/L	98

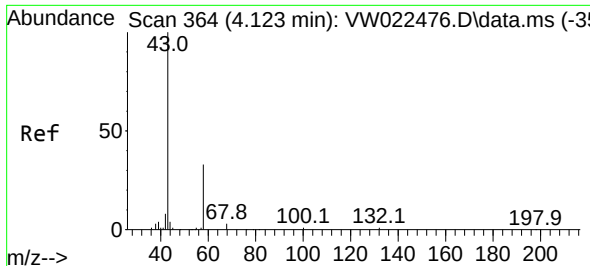
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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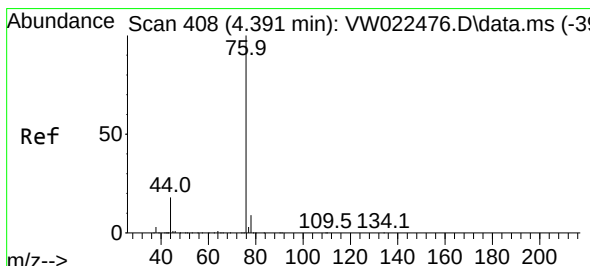
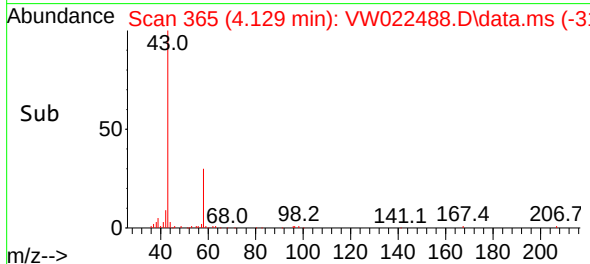
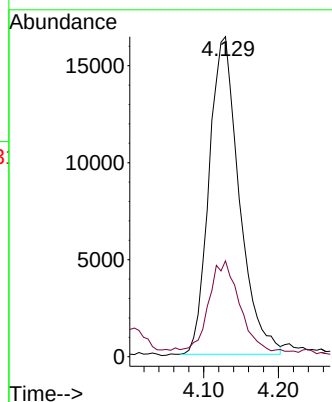
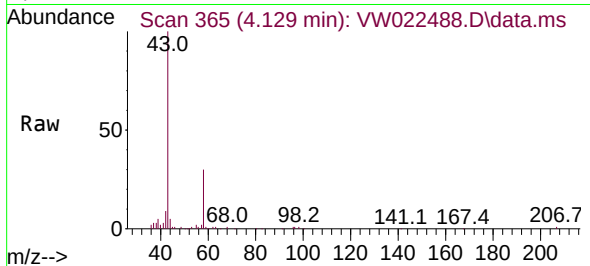




#13
Acetone
Concen: 38.324 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW022488.D
Acq: 11 Apr 2022 17:21

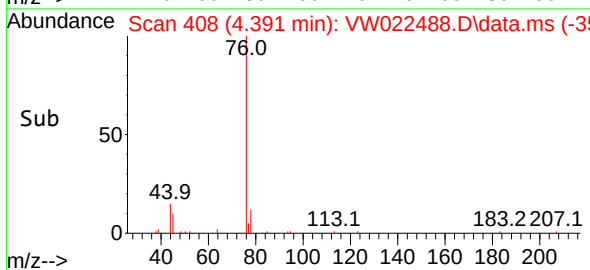
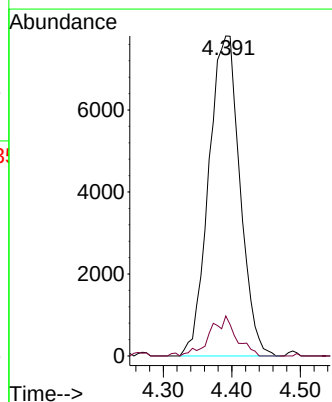
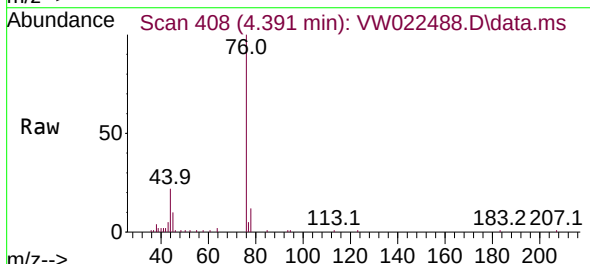
Instrument :
MSVOA_W
ClientSampleId :

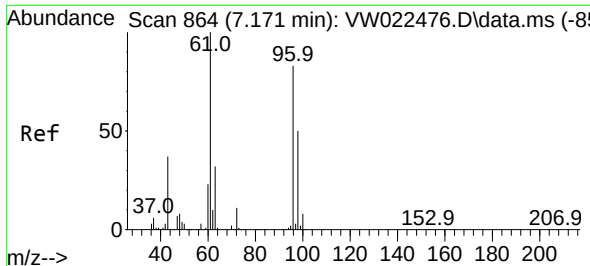
Tgt Ion: 43 Resp: 45962
Ion Ratio Lower Upper
43 100
58 28.7 0.0 57.0



#14
Carbon disulfide
Concen: 1.218 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW022488.D
Acq: 11 Apr 2022 17:21

Tgt Ion: 76 Resp: 24628
Ion Ratio Lower Upper
76 100
78 12.5 7.6 11.4#

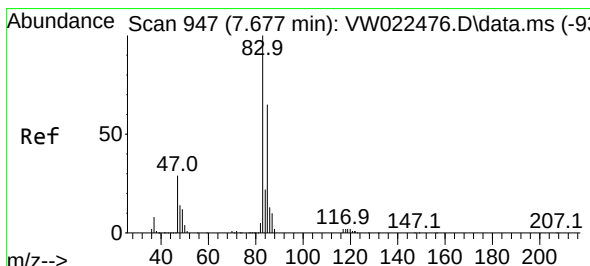
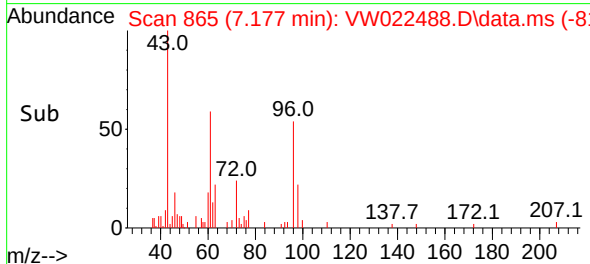
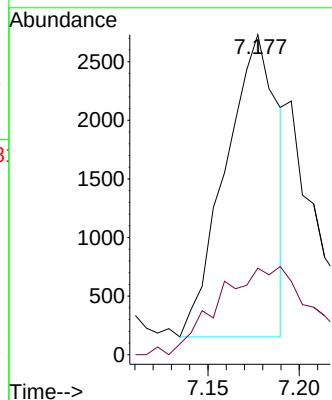
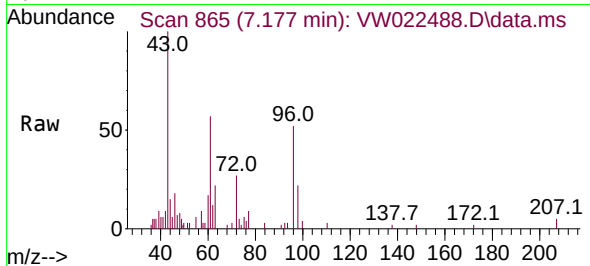




#22
2-Butanone
Concen: 2.817 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW022488.D
Acq: 11 Apr 2022 17:21

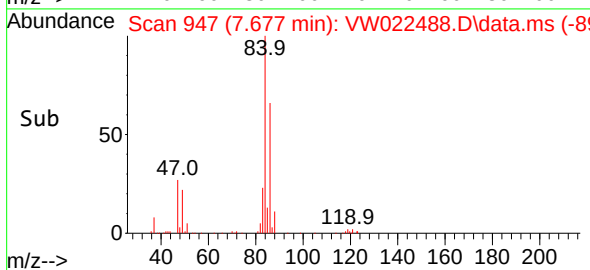
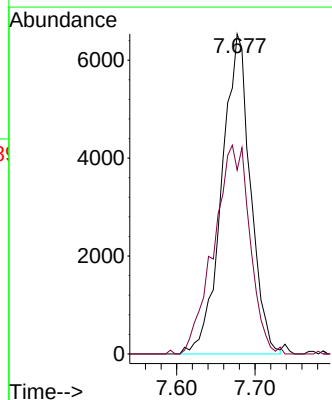
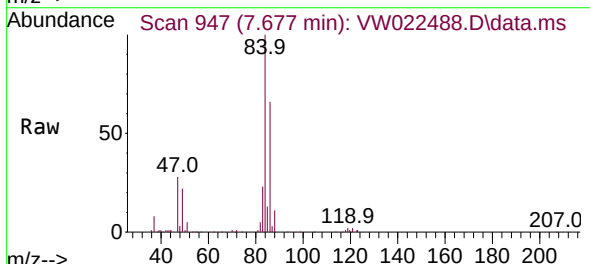
Instrument :
MSVOA_W
ClientSampleId :

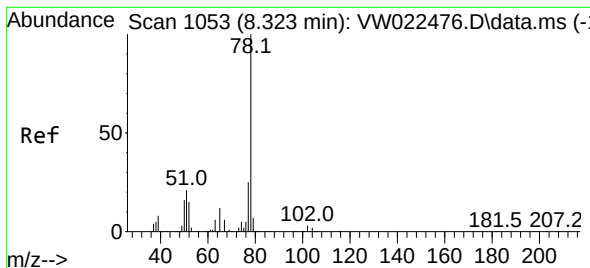
Tgt Ion: 43 Resp: 5103
Ion Ratio Lower Upper
43 100
72 25.6 14.0 42.0



#25
Chloroform
Concen: 1.198 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022488.D
Acq: 11 Apr 2022 17:21

Tgt Ion: 83 Resp: 16580
Ion Ratio Lower Upper
83 100
85 57.5 45.8 85.0





#33

Benzene

Concen: 42.899 ug/L

RT: 8.323 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VW022488.D

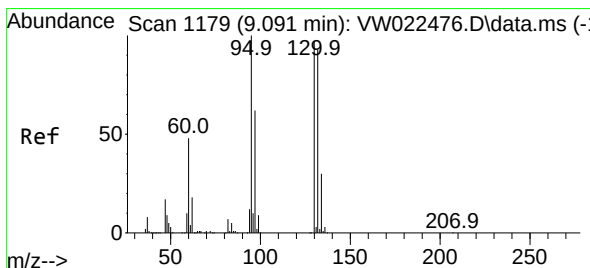
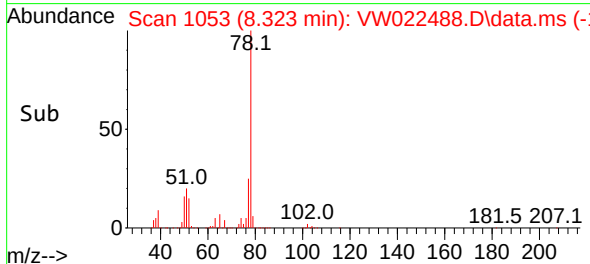
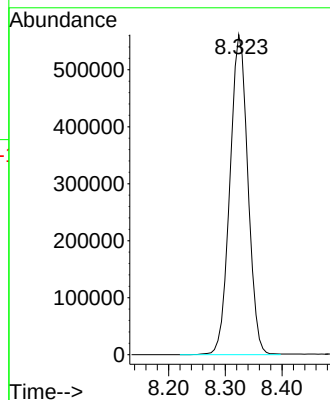
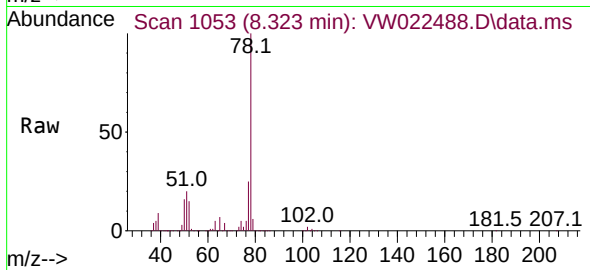
Acq: 11 Apr 2022 17:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 1237044



#34

Trichloroethene

Concen: 2.856 ug/L

RT: 9.098 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VW022488.D

Acq: 11 Apr 2022 17:21

Tgt Ion: 95 Resp: 22054

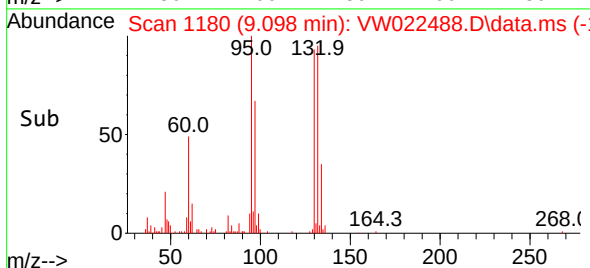
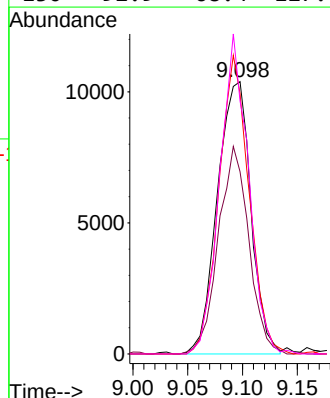
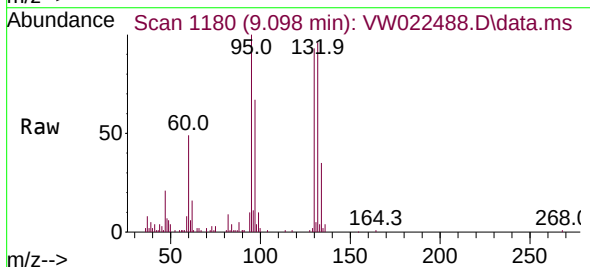
Ion Ratio Lower Upper

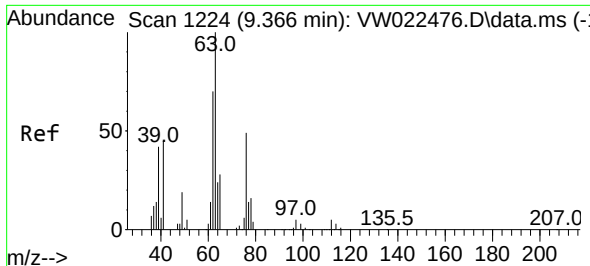
95 100

97 66.9 46.4 86.2

132 95.6 67.4 125.2

130 92.9 68.4 127.0





#37

1,2-Dichloropropane

Concen: 0.387 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW022488.D

Acq: 11 Apr 2022 17:21

Instrument :

MSVOA_W

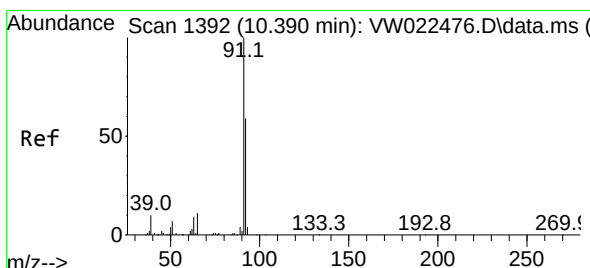
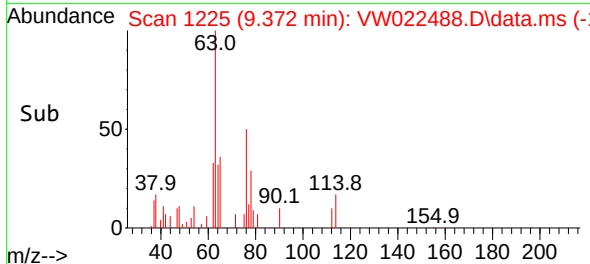
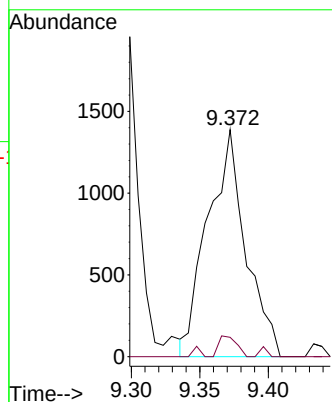
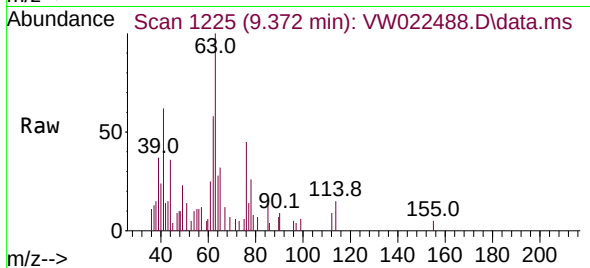
ClientSampleId :

Tgt Ion: 63 Resp: 2671

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.6



#42

Toluene

Concen: 1.313 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW022488.D

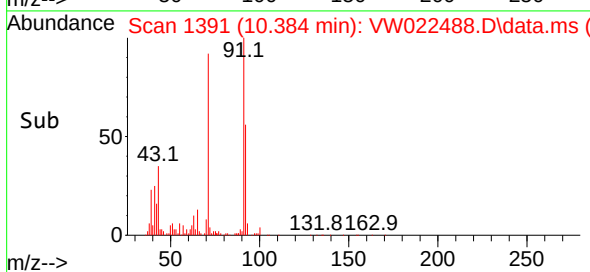
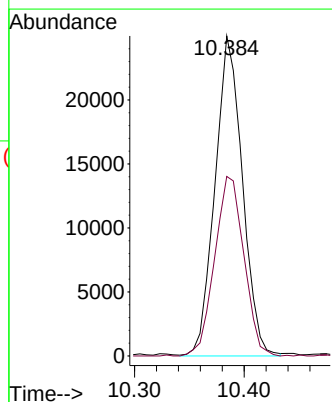
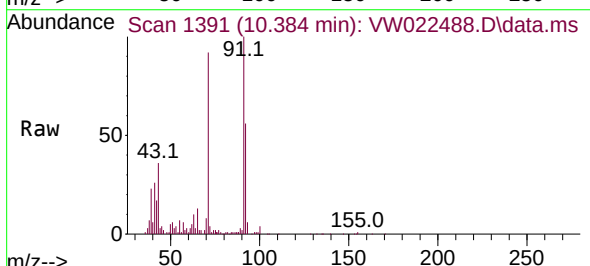
Acq: 11 Apr 2022 17:21

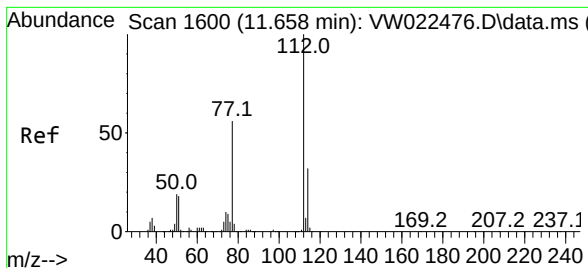
Tgt Ion: 91 Resp: 43402

Ion Ratio Lower Upper

91 100

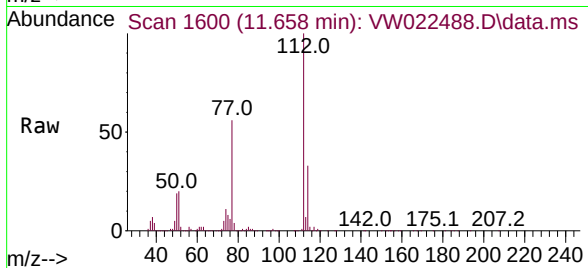
92 56.1 38.0 70.6



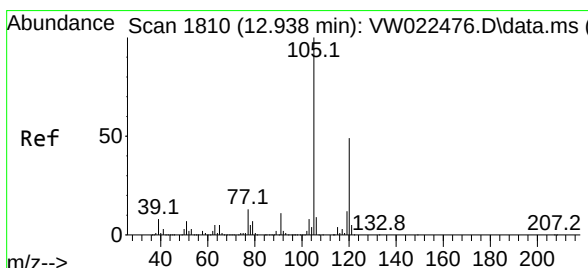
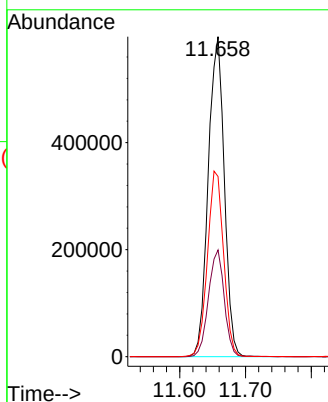
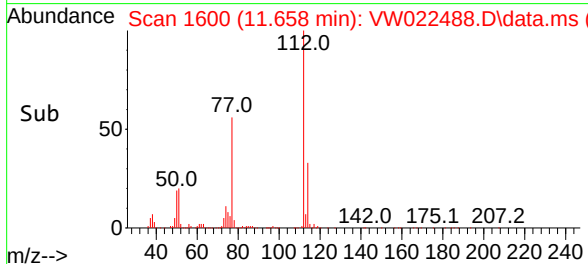


#51
Chlorobenzene
Concen: 50.318 ug/L
RT: 11.658 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022488.D
Acq: 11 Apr 2022 17:21

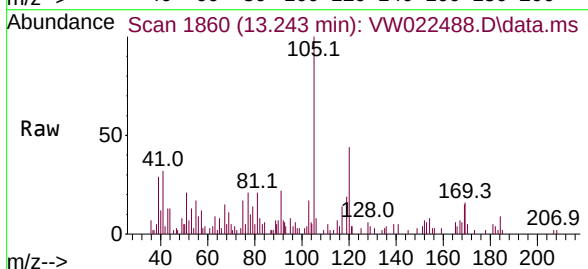
Instrument :
MSVOA_W
ClientSampleId :



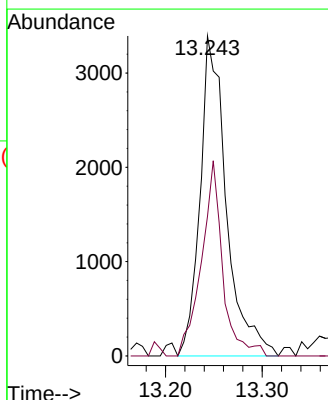
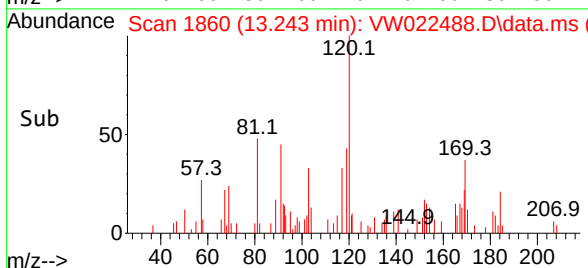
Tgt Ion:112 Resp: 1016048
Ion Ratio Lower Upper
112 100
114 33.4 20.5 38.1
77 56.3 48.1 72.1

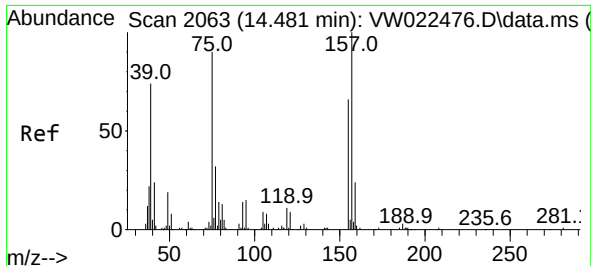


#62
1,3,5-Trimethylbenzene
Concen: 0.327 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. 0.305 min
Lab File: VW022488.D
Acq: 11 Apr 2022 17:21



Tgt Ion:105 Resp: 6433
Ion Ratio Lower Upper
105 100
120 47.9 37.5 56.3





#68

1,2-Dibromo-3-chloropropane

Concen: 3.501 ug/L

RT: 14.463 min Scan# 2060

Delta R.T. -0.018 min

Lab File: VW022488.D

Acq: 11 Apr 2022 17:21

Instrument :

MSVOA_W

ClientSampleId :

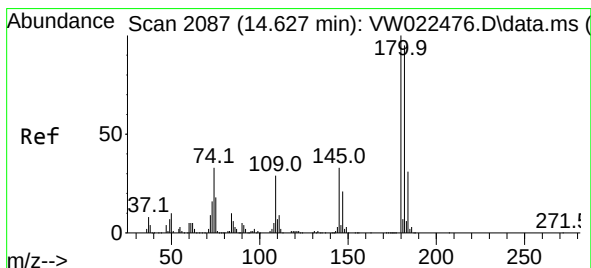
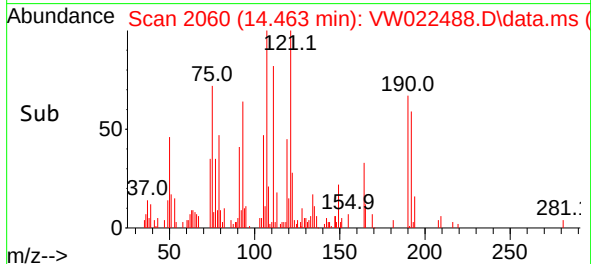
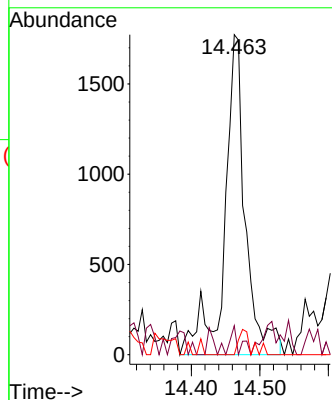
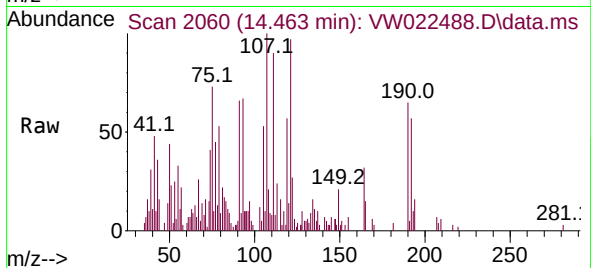
Tgt Ion: 75 Resp: 3715

Ion Ratio Lower Upper

75 100

155 9.1 55.6 83.4#

157 0.0 69.8 104.6#



#69

1,3,5-Trichlorobenzene

Concen: 1.277 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW022488.D

Acq: 11 Apr 2022 17:21

Tgt Ion:180 Resp: 12077

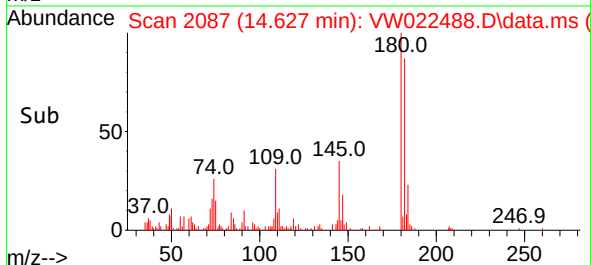
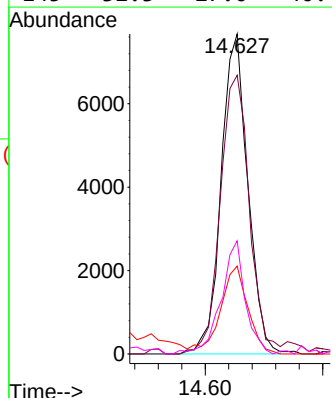
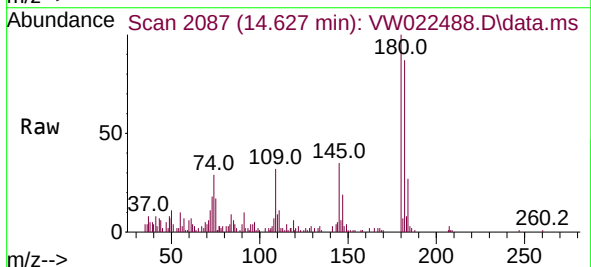
Ion Ratio Lower Upper

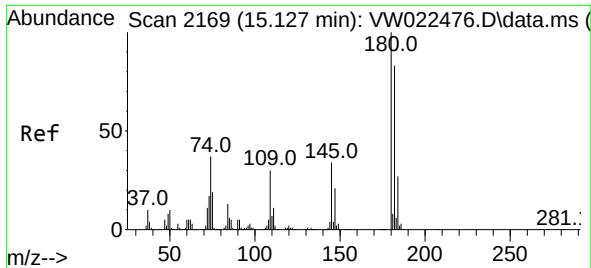
180 100

182 94.8 79.1 118.7

184 28.5 24.5 36.7

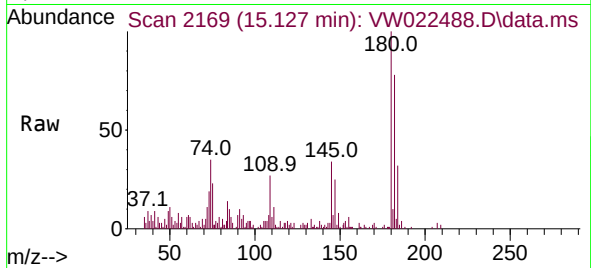
145 32.3 27.0 40.4





#70
 1,2,4-trichlorobenzene
 Concen: 1.932 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW022488.D
 Acq: 11 Apr 2022 17:21

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	15347
Ion Ratio	Lower	Upper	
180	100		
182	90.5	72.8	109.2
145	36.3	25.5	38.3

