

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
 Data File : VW022511.D
 Acq On : 12 Apr 2022 16:46
 Operator : SY/VA
 Sample : N2316-19
 Misc : 6.72g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNR7

Quant Time: Apr 12 23:34:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 12 23:30:19 2022
 Response via : Initial Calibration

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

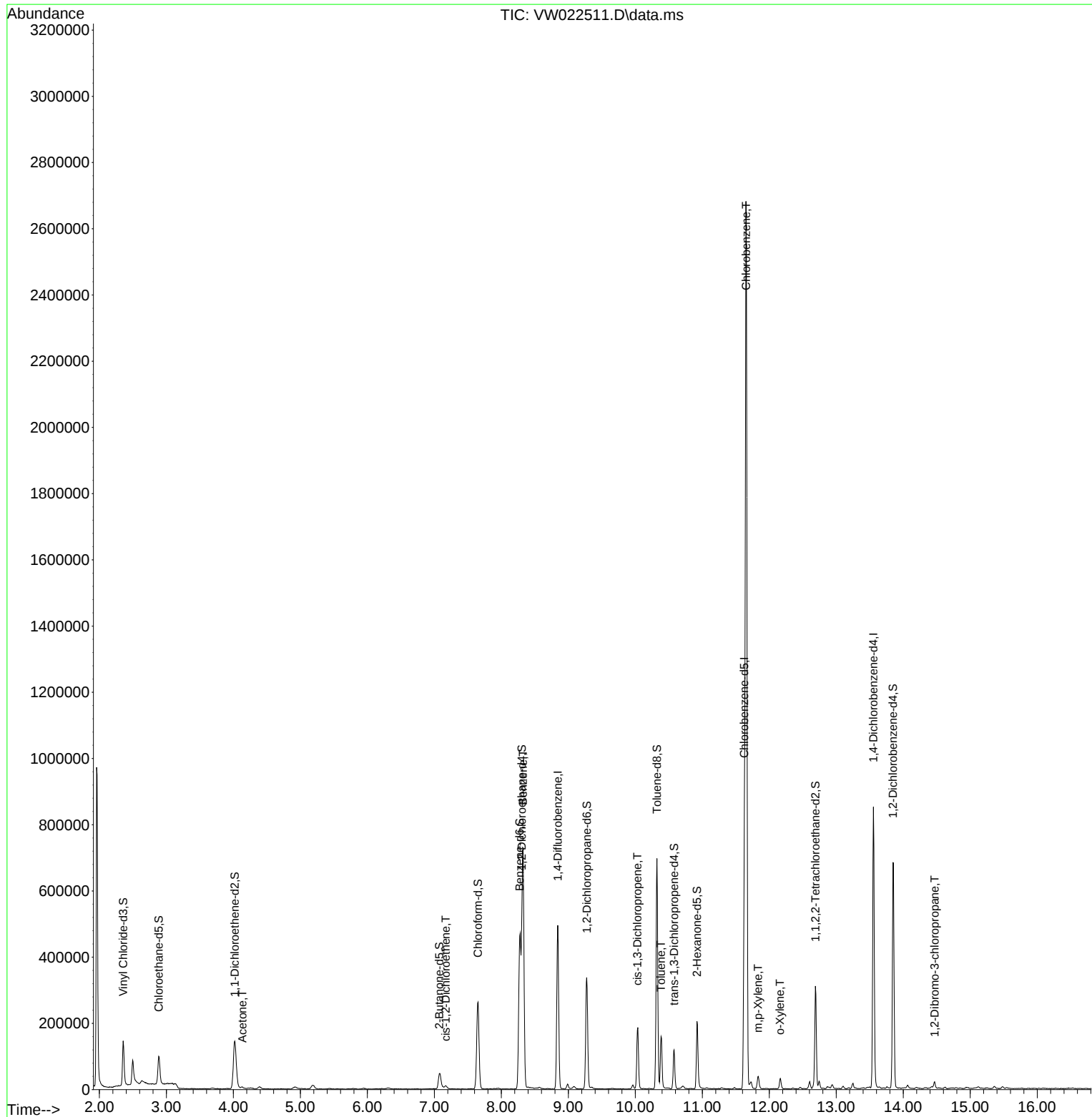
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	402717	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	390214	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	200357	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	132034	14.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.320%
7) Chloroethane-d5	2.885	69	96168	17.236	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.960%
11) 1,1-Dichloroethene-d2	4.019	63	139943	12.119	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.480%
21) 2-Butanone-d5	7.074	46	78947	50.792	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.580%
24) Chloroform-d	7.653	84	259869	20.645	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.560%
26) 1,2-Dichloroethane-d4	8.305	65	155786	21.661	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.640%
32) Benzene-d6	8.275	84	470920	19.753	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	9.274	67	146970	21.302	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.200%
41) Toluene-d8	10.323	98	436054	18.675	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.720%
43) trans-1,3-Dichloroprop...	10.579	79	61561	18.907	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.640%
47) 2-Hexanone-d5	10.920	63	68393	53.282	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.560%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	144149	24.572	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.280%
66) 1,2-Dichlorobenzene-d4	13.847	152	166579	23.473	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.880%
Target Compounds					Qvalue	
13) Acetone	4.135	43	9423	8.904	ug/L	77
20) cis-1,2-Dichloroethene	7.171	96	4435	0.661	ug/L #	87
33) Benzene	8.323	78	620628	23.426	ug/L	100
39) cis-1,3-Dichloropropene	10.030	75	5533	0.549	ug/L	85
42) Toluene	10.384	91	109438	3.605	ug/L	96
51) Chlorobenzene	11.652	112	1362775	73.459	ug/L	98
53) m,p-Xylene	11.829	106	11177	0.864	ug/L	84
54) o-Xylene	12.158	106	7603	0.615	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.469	75	3895	3.940	ug/L #	11

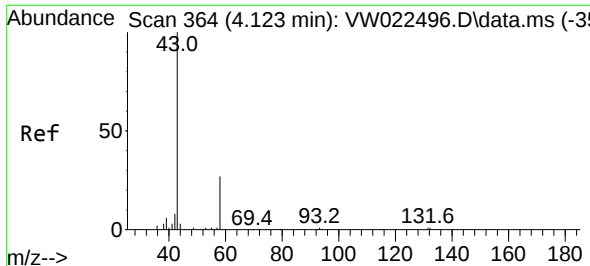
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Apr 12 23:30:19 2022
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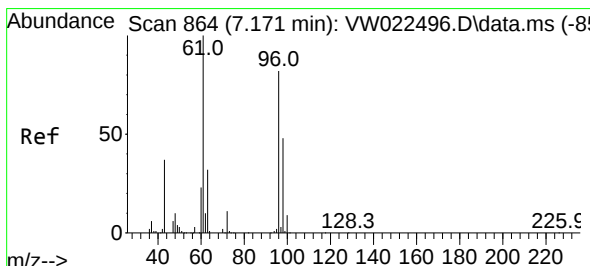
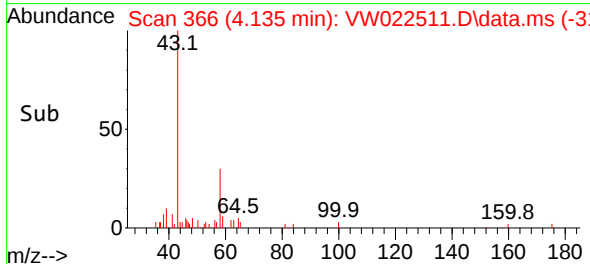
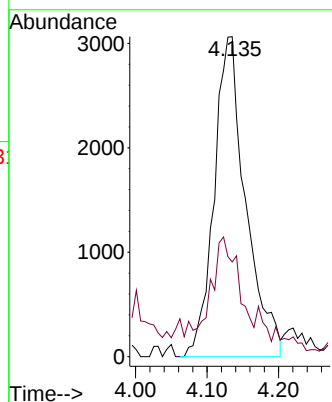
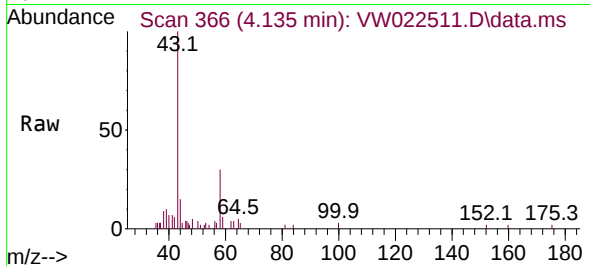




#13
Acetone
Concen: 8.904 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW022511.D
Acq: 12 Apr 2022 16:46

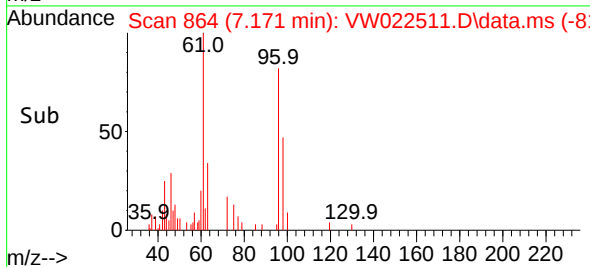
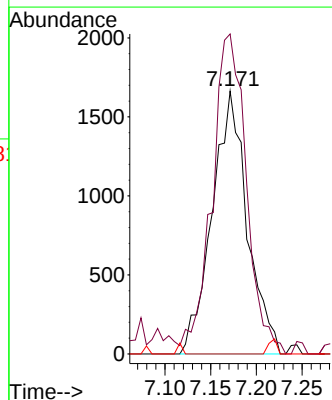
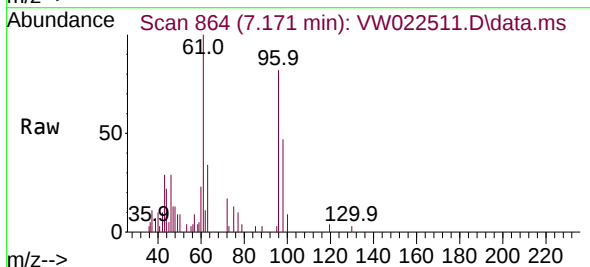
Instrument :
MSVOA_W
ClientSampleId :
ETNR7

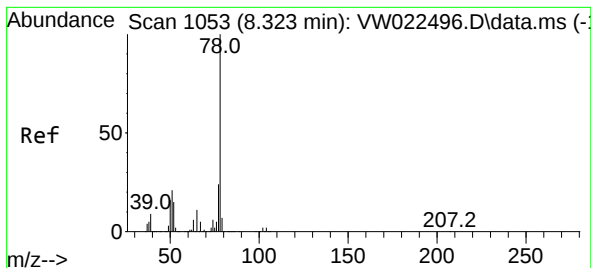
Tgt Ion: 43 Resp: 9423
Ion Ratio Lower Upper
43 100
58 16.2 0.0 57.0



#20
cis-1,2-Dichloroethene
Concen: 0.661 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022511.D
Acq: 12 Apr 2022 16:46

Tgt Ion: 96 Resp: 4435
Ion Ratio Lower Upper
96 100
61 121.7 96.4 179.0
68 0.0 0.1 0.3





#33

Benzene

Concen: 23.426 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VW022511.D

Acq: 12 Apr 2022 16:46

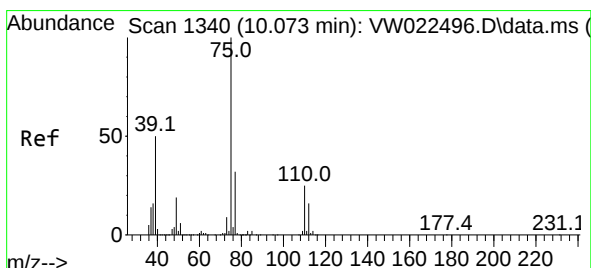
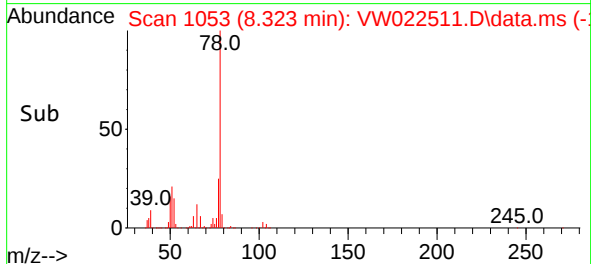
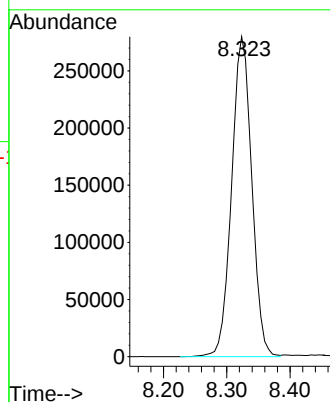
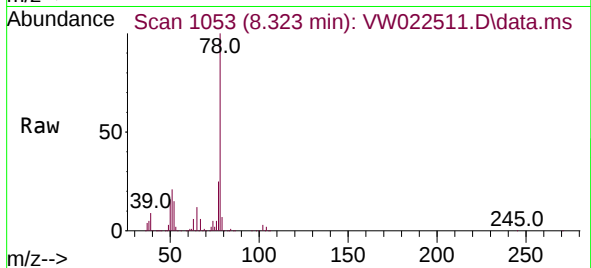
Instrument :

MSVOA_W

ClientSampleId :

ETNR7

Tgt Ion: 78 Resp: 620628



#39

cis-1,3-Dichloropropene

Concen: 0.549 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW022511.D

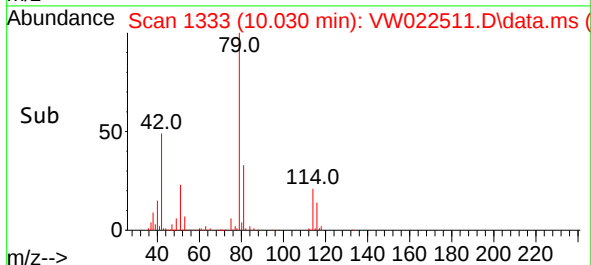
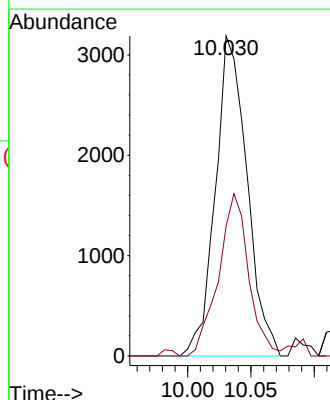
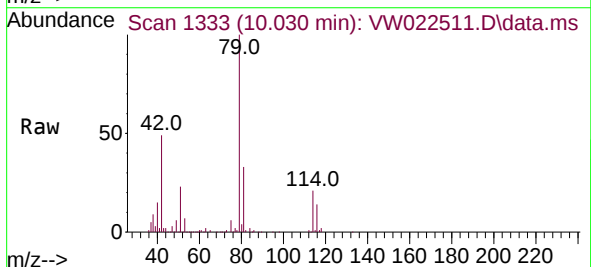
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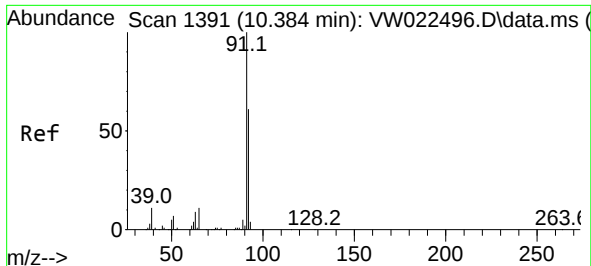
Tgt Ion: 75 Resp: 5533

Ion Ratio Lower Upper

75 100

77 40.6 22.6 42.0

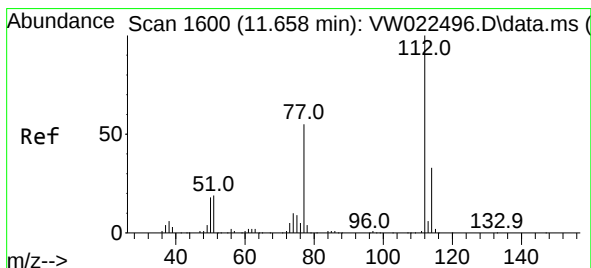
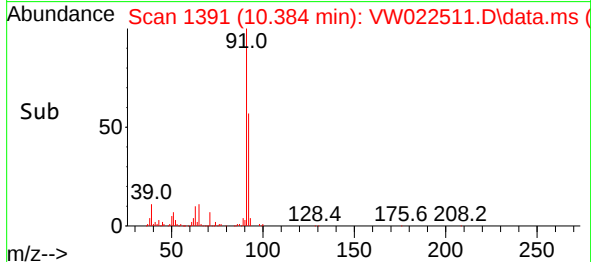
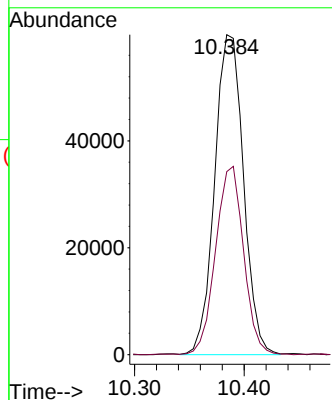
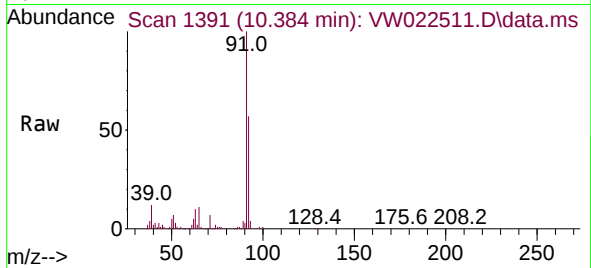




#42
Toluene
Concen: 3.605 ug/L
RT: 10.384 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022511.D
Acq: 12 Apr 2022 16:46

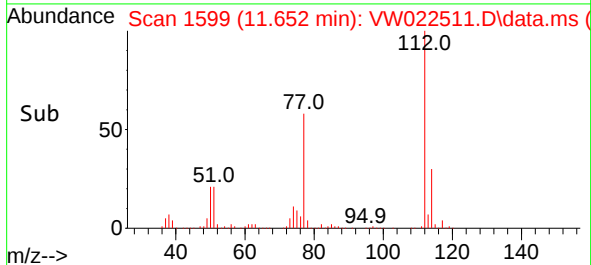
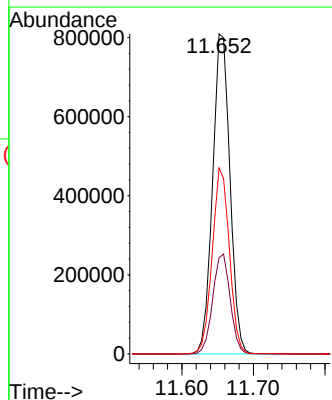
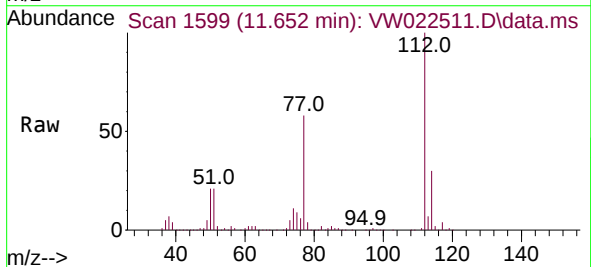
Instrument :
MSVOA_W
ClientSampleId :
ETNR7

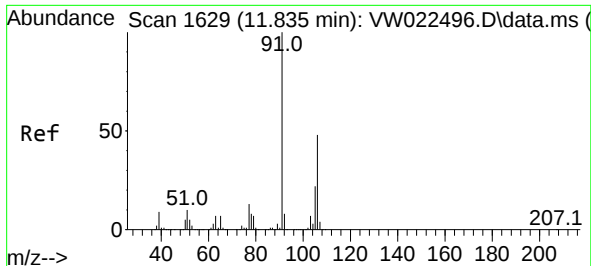
Tgt Ion: 91 Resp: 109438
Ion Ratio Lower Upper
91 100
92 57.2 38.0 70.6



#51
Chlorobenzene
Concen: 73.459 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW022511.D
Acq: 12 Apr 2022 16:46

Tgt Ion: 112 Resp: 1362775
Ion Ratio Lower Upper
112 100
114 30.0 20.5 38.1
77 58.1 48.1 72.1

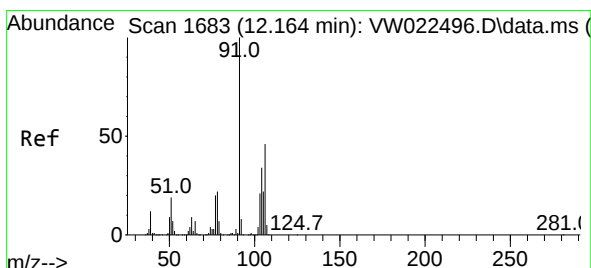
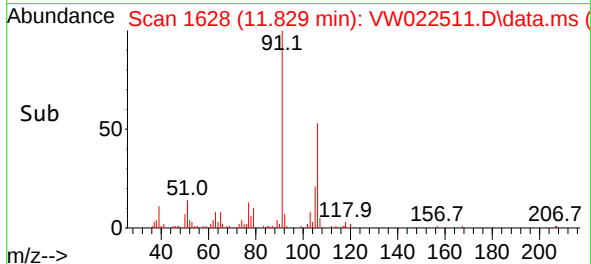
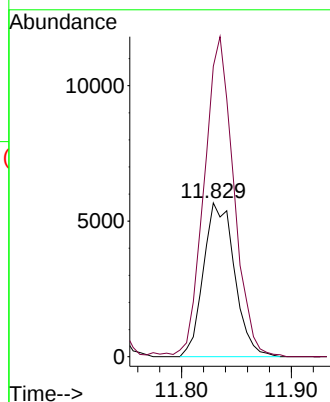
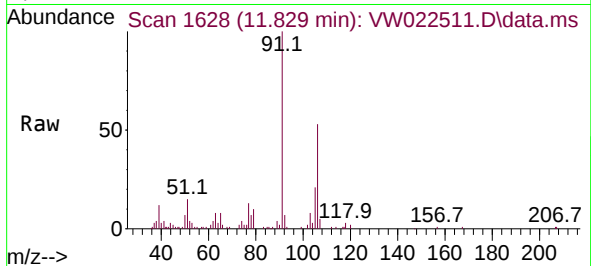




#53
m,p-Xylene
Concen: 0.864 ug/L
RT: 11.829 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VW022511.D
Acq: 12 Apr 2022 16:46

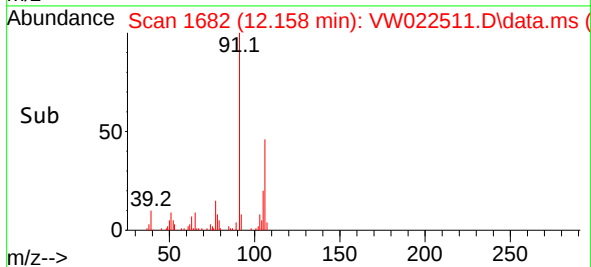
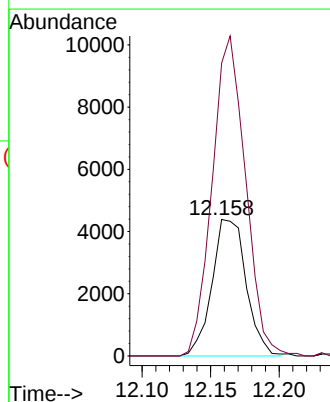
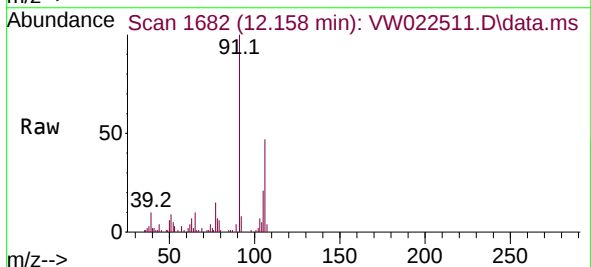
Instrument :
MSVOA_W
ClientSampleId :
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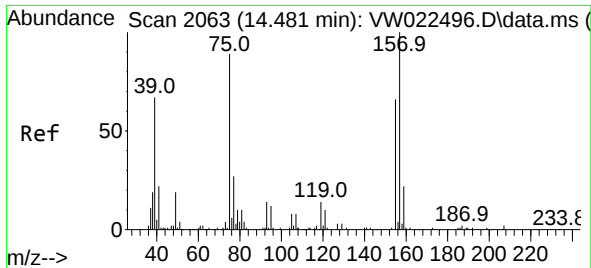
Tgt Ion:106 Resp: 11177
Ion Ratio Lower Upper
106 100
91 188.9 149.9 278.5



#54
o-Xylene
Concen: 0.615 ug/L
RT: 12.158 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VW022511.D
Acq: 12 Apr 2022 16:46

Tgt Ion:106 Resp: 7603
Ion Ratio Lower Upper
106 100
91 214.7 155.3 288.3





#68

1,2-Dibromo-3-chloropropane

Concen: 3.940 ug/L

RT: 14.469 min Scan# 20

Delta R.T. -0.012 min

Lab File: VW022511.D

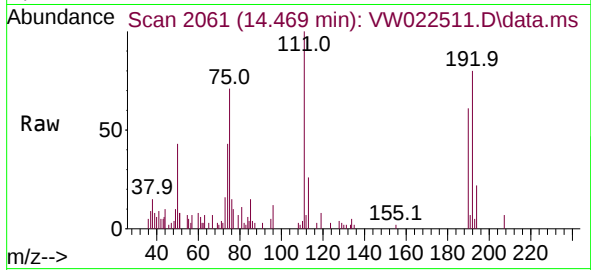
Acq: 12 Apr 2022 16:46

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion: 75 Resp: 3895

Ion Ratio Lower Upper

75 100

155 3.0 55.6 83.4#

157 0.0 69.8 104.6#

