

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
 Data File : VW022503.D
 Acq On : 12 Apr 2022 13:33
 Operator : SY/VA
 Sample : N2316-12RE
 Misc : 7.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNR2RE

Quant Time: Apr 12 23:32:00 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)

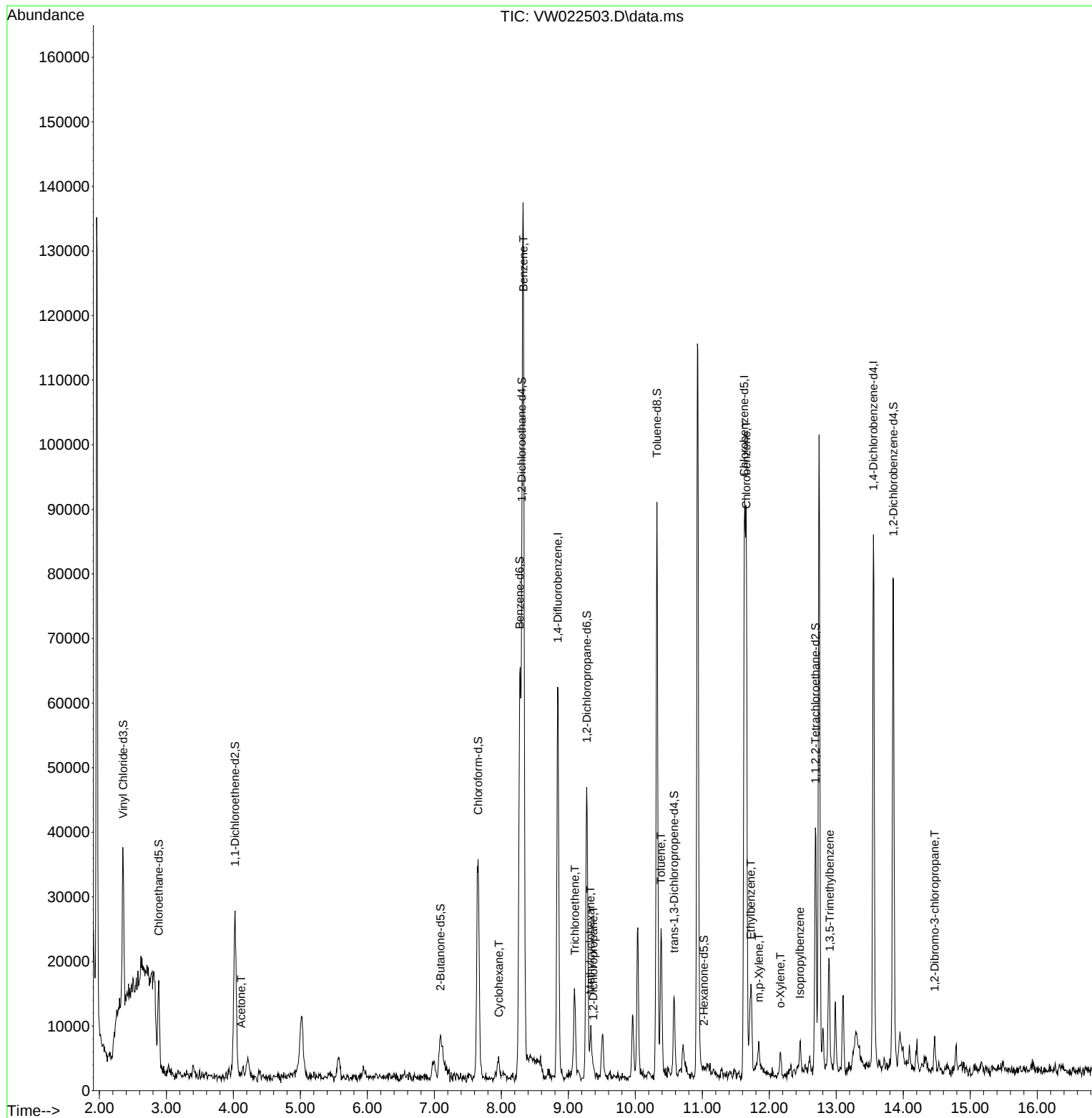
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	47959	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	43194	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	18670	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	20086	18.945	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.760%
7) Chloroethane-d5	2.885	69	12639	19.021	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.080%
11) 1,1-Dichloroethene-d2	4.026	63	22979	16.710	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.840%
21) 2-Butanone-d5	7.092	46	9395	50.756	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.520%
24) Chloroform-d	7.653	84	33495	22.344	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.360%
26) 1,2-Dichloroethane-d4	8.305	65	20240	23.631	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.520%
32) Benzene-d6	8.275	84	61074	23.143	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.560%
36) 1,2-Dichloropropane-d6	9.275	67	19566	25.620	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.480%
41) Toluene-d8	10.323	98	55137	21.333	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.320%
43) trans-1,3-Dichloroprop...	10.579	79	6748	18.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.880%
47) 2-Hexanone-d5	11.024	63	118	0.830	ug/L	0.10
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.660%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	17492	26.937	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	17474	26.424	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.680%
Target Compounds						Qvalue
13) Acetone	4.117	43	396	3.142	ug/L	81
29) Cyclohexane	7.964	56	1045	0.845	ug/L #	79
33) Benzene	8.330	78	124423	42.428	ug/L	100
34) Trichloroethene	9.098	95	4120	5.247	ug/L	83
35) Methylcyclohexane	9.329	83	2404	1.706	ug/L	89
37) 1,2-Dichloropropane	9.372	63	238	0.339	ug/L #	86
42) Toluene	10.384	91	11839	3.523	ug/L	98
51) Chlorobenzene	11.658	112	40259	19.605	ug/L	91
52) Ethylbenzene	11.725	91	7829	2.079	ug/L	96
53) m,p-Xylene	11.847	106	886	0.619	ug/L	83
54) o-Xylene	12.164	106	946	0.691	ug/L	62
60) Isopropylbenzene	12.457	105	2321	0.748	ug/L #	80
62) 1,3,5-Trimethylbenzene	12.902	105	584	0.342	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.469	75	1143	12.409	ug/L #	16

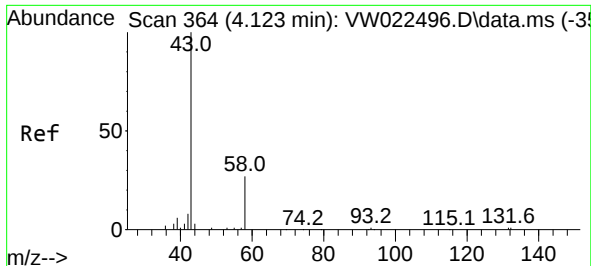
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Apr 12 23:30:19 2022
Response via : Initial Calibration





#13

Acetone

Concen: 3.142 ug/L

RT: 4.117 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW022503.D

Acq: 12 Apr 2022 13:33

Instrument :

MSVOA_W

ClientSampleId :

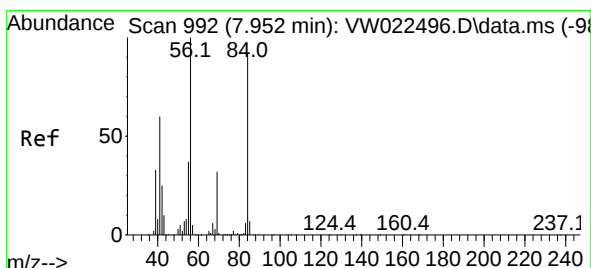
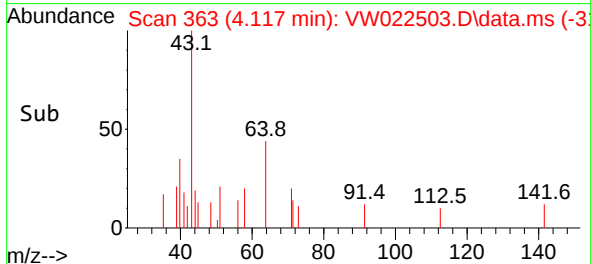
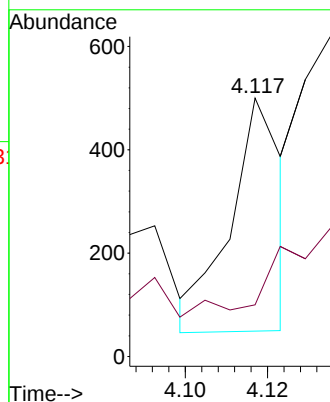
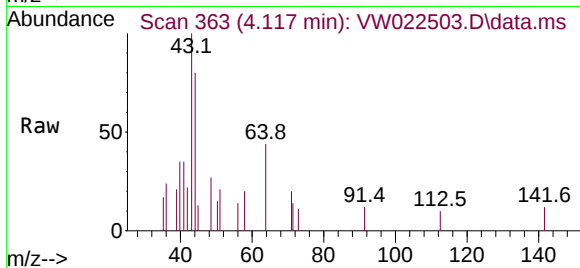
ETNR2RE

Tgt Ion: 43 Resp: 396

Ion Ratio Lower Upper

43 100

58 18.4 0.0 57.0



#29

Cyclohexane

Concen: 0.845 ug/L

RT: 7.964 min Scan# 994

Delta R.T. 0.012 min

Lab File: VW022503.D

Acq: 12 Apr 2022 13:33

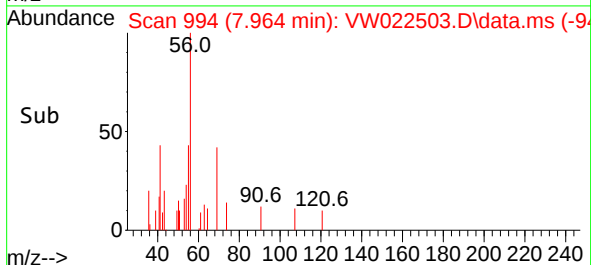
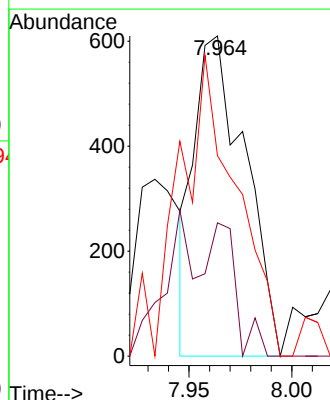
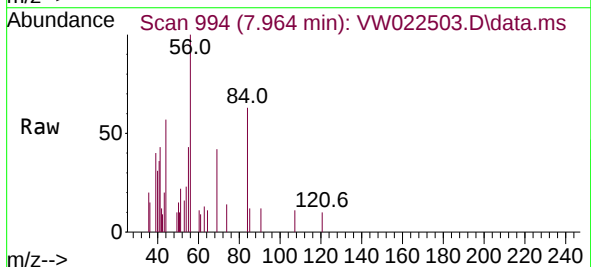
Tgt Ion: 56 Resp: 1045

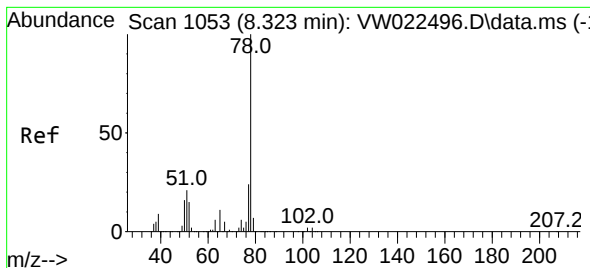
Ion Ratio Lower Upper

56 100

69 22.9 24.4 36.6#

84 68.1 72.6 108.8#





#33

Benzene

Concen: 42.428 ug/L

RT: 8.330 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VW022503.D

Acq: 12 Apr 2022 13:33

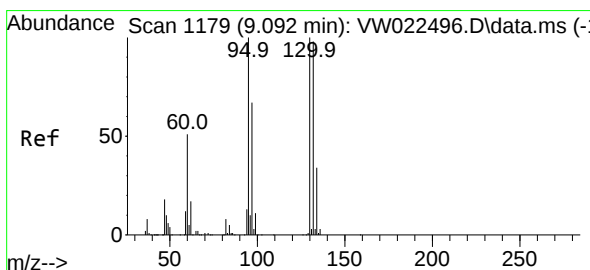
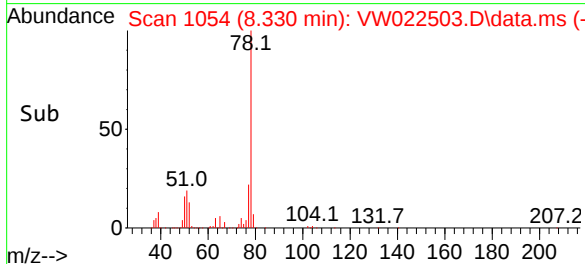
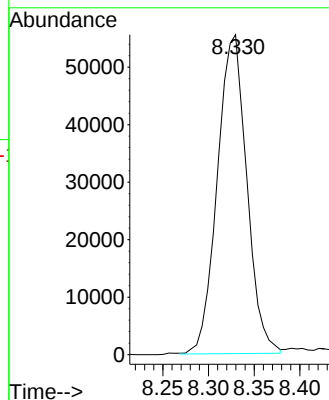
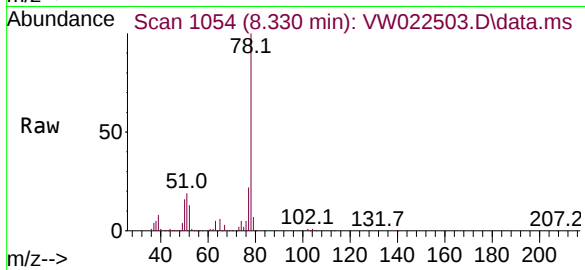
Instrument :

MSVOA_W

ClientSampleId :

ETNR2RE

Tgt Ion: 78 Resp: 124423



#34

Trichloroethene

Concen: 5.247 ug/L

RT: 9.098 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VW022503.D

Acq: 12 Apr 2022 13:33

Tgt Ion: 95 Resp: 4120

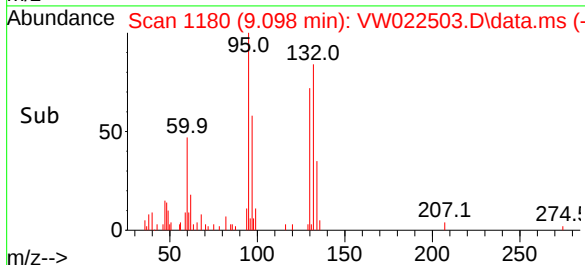
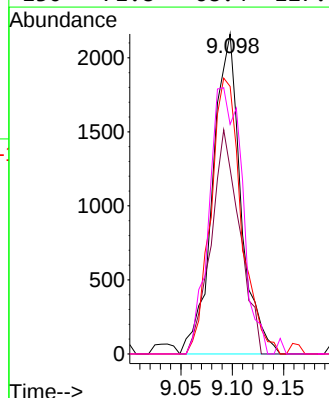
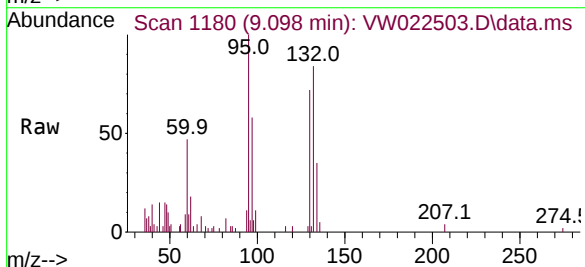
Ion Ratio Lower Upper

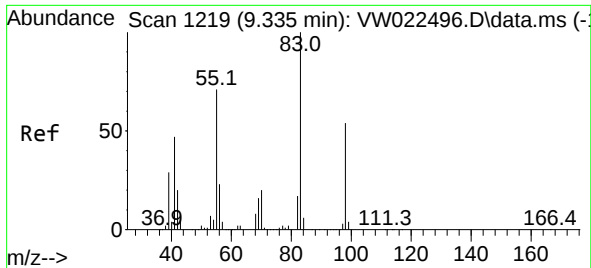
95 100

97 57.8 46.4 86.2

132 83.6 67.4 125.2

130 71.8 68.4 127.0

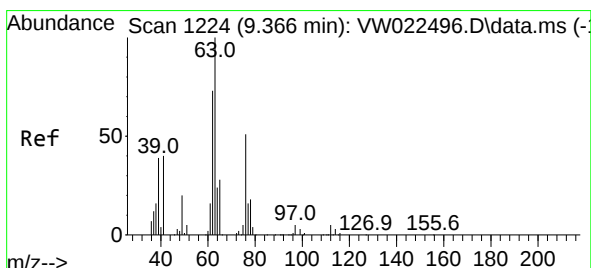
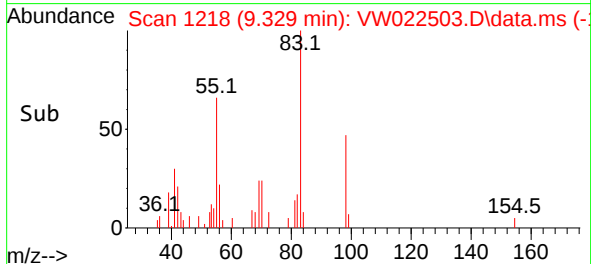
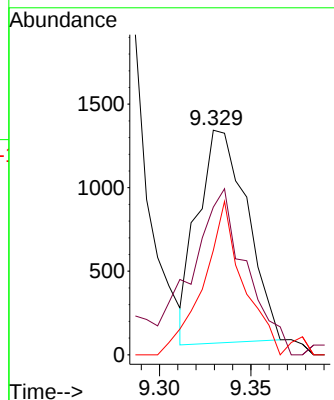
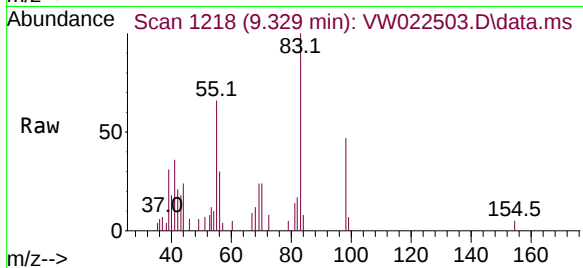




#35
Methylcyclohexane
Concen: 1.706 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VW022503.D
Acq: 12 Apr 2022 13:33

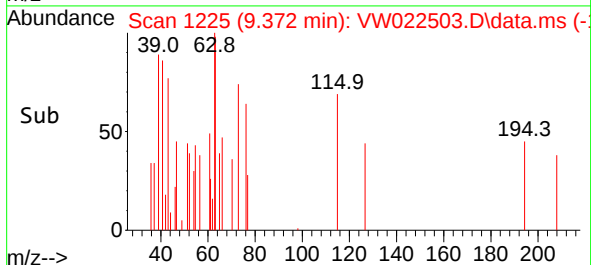
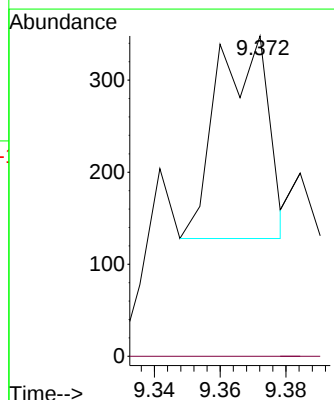
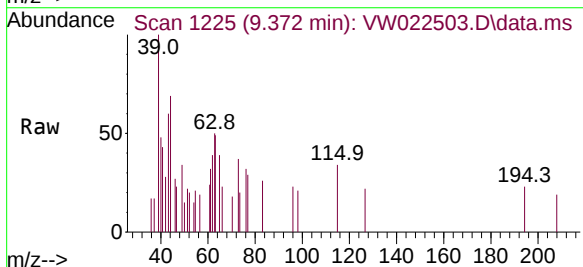
Instrument :
MSVOA_W
ClientSampleId :
ETNR2RE

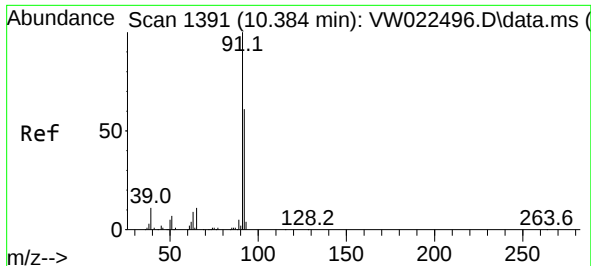
Tgt Ion: 83	Resp:	2404	
Ion	Ratio	Lower	Upper
83	100		
55	85.2	61.0	91.6
98	57.4	39.2	58.8



#37
1,2-Dichloropropane
Concen: 0.339 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW022503.D
Acq: 12 Apr 2022 13:33

Tgt Ion: 63	Resp:	238	
Ion Ratio	Lower	Upper	
63 100			
112 0.0	3.8	5.6#	

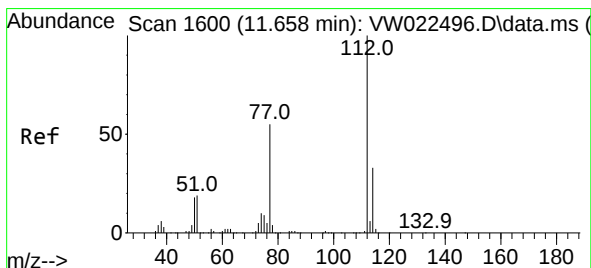
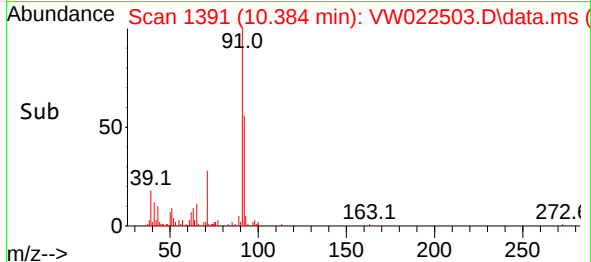
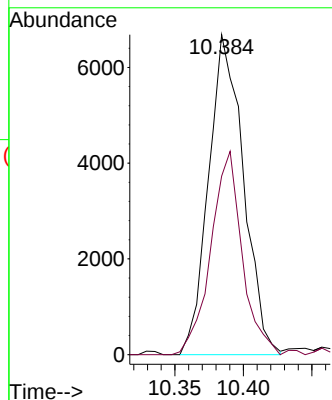
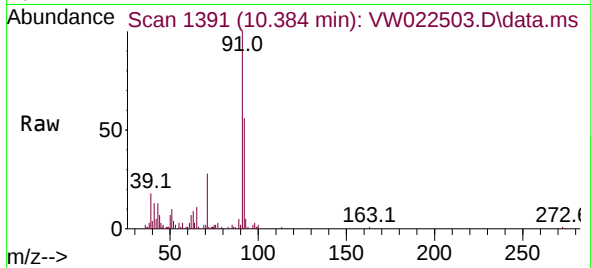




#42
Toluene
Concen: 3.523 ug/L
RT: 10.384 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022503.D
Acq: 12 Apr 2022 13:33

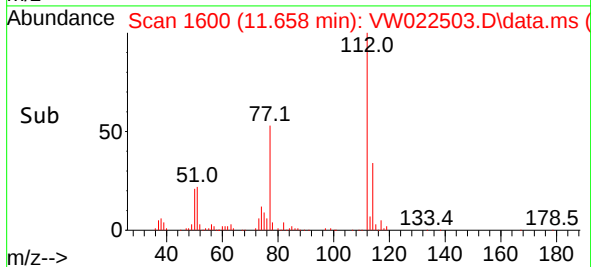
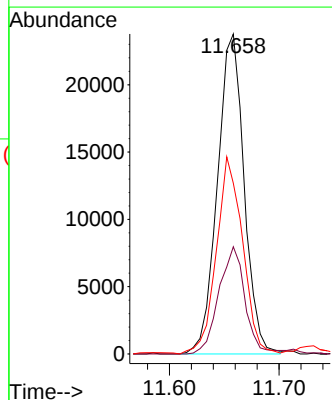
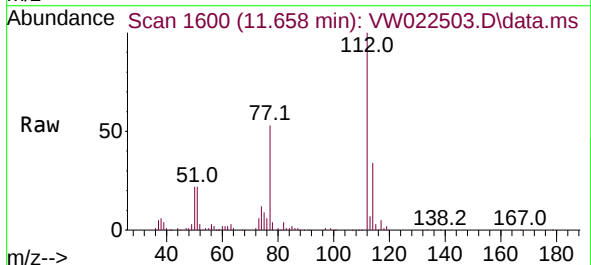
Instrument :
MSVOA_W
ClientSampleId :
ETNR2RE

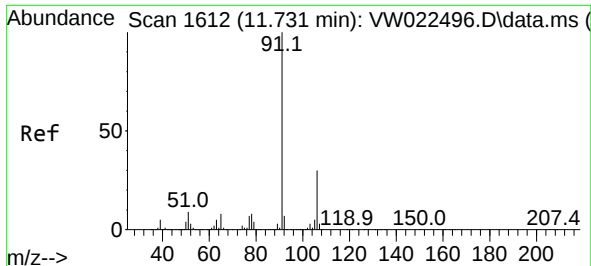
Tgt Ion: 91 Resp: 11839
Ion Ratio Lower Upper
91 100
92 55.8 38.0 70.6



#51
Chlorobenzene
Concen: 19.605 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW022503.D
Acq: 12 Apr 2022 13:33

Tgt Ion: 112 Resp: 40259
Ion Ratio Lower Upper
112 100
114 33.5 20.5 38.1
77 53.3 48.1 72.1

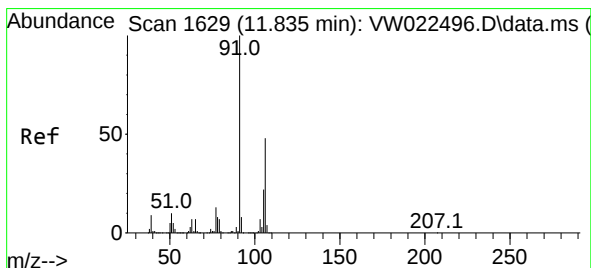
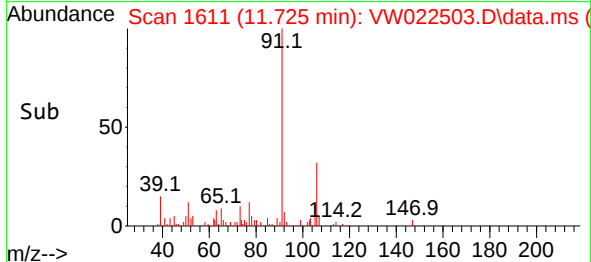
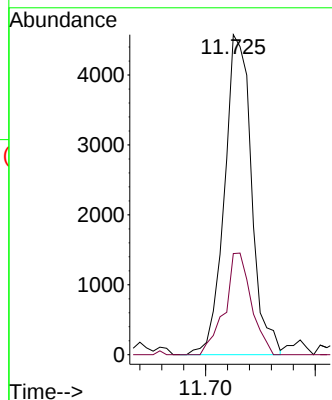
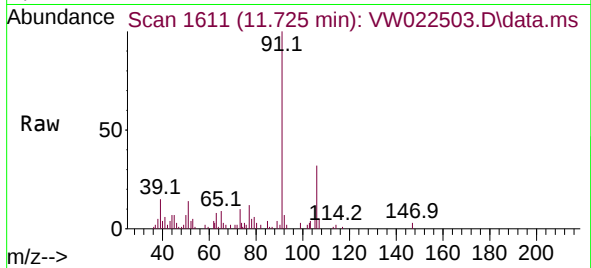




#52
Ethylbenzene
Concen: 2.079 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW022503.D
Acq: 12 Apr 2022 13:33

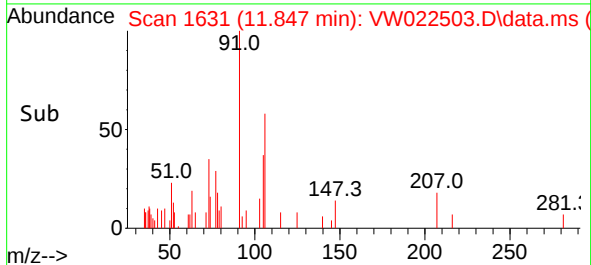
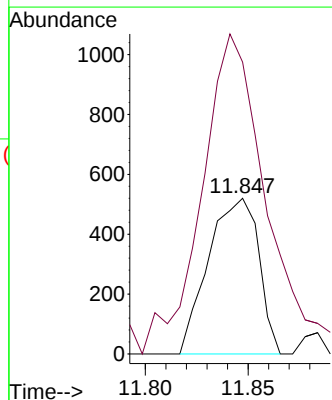
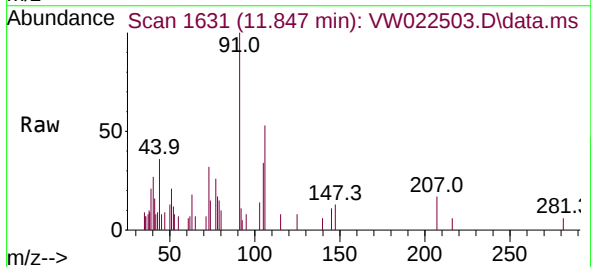
Instrument :
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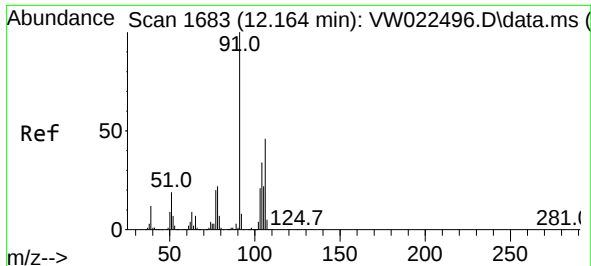
Tgt Ion: 91 Resp: 7829
Ion Ratio Lower Upper
91 100
106 31.6 20.5 38.1



#53
m,p-Xylene
Concen: 0.619 ug/L
RT: 11.847 min Scan# 1631
Delta R.T. 0.012 min
Lab File: VW022503.D
Acq: 12 Apr 2022 13:33

Tgt Ion: 106 Resp: 886
Ion Ratio Lower Upper
106 100
91 187.5 149.9 278.5

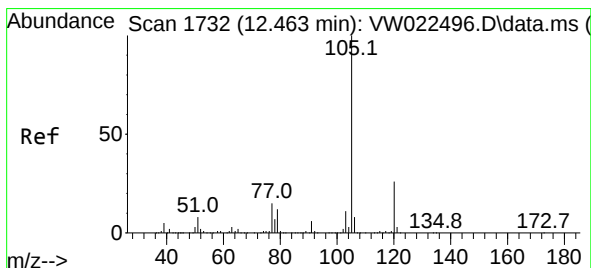
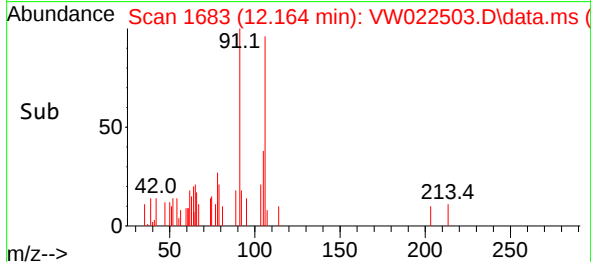
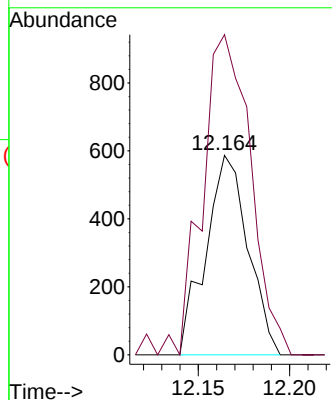
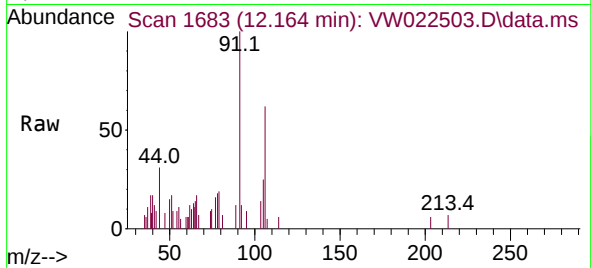




#54
o-Xylene
Concen: 0.691 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022503.D
Acq: 12 Apr 2022 13:33

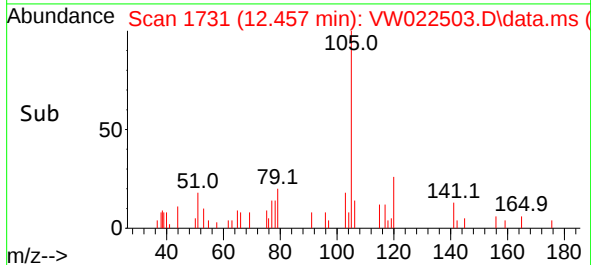
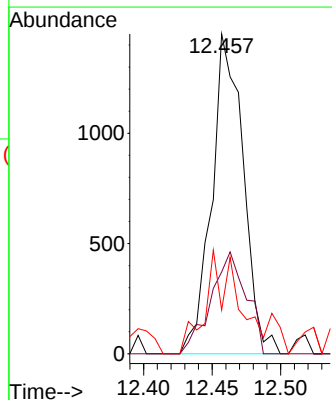
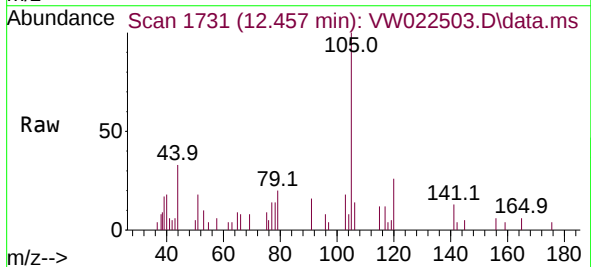
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MSVOA_W
ClientSampleId :
ETNR2RE

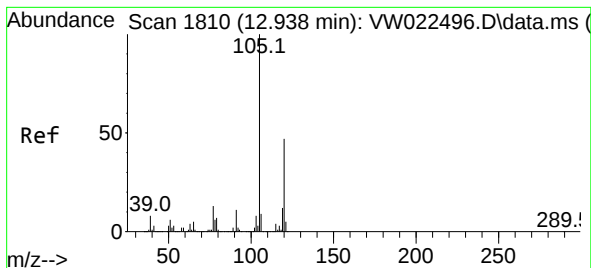
Tgt Ion:106 Resp: 946
Ion Ratio Lower Upper
106 100
91 160.5 155.3 288.3



#60
Isopropylbenzene
Concen: 0.748 ug/L
RT: 12.457 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VW022503.D
Acq: 12 Apr 2022 13:33

Tgt Ion:105 Resp: 2321
Ion Ratio Lower Upper
105 100
120 35.8 20.9 31.3#
77 7.6 13.7 20.5#

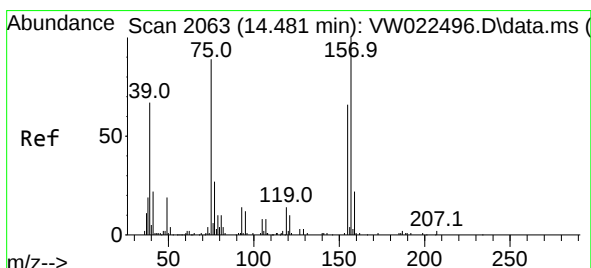
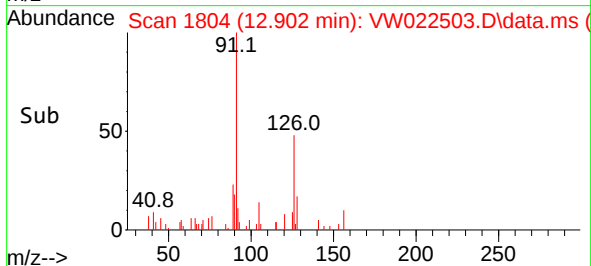
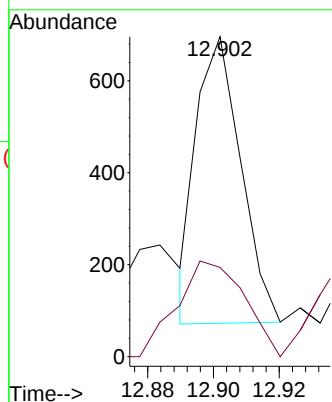
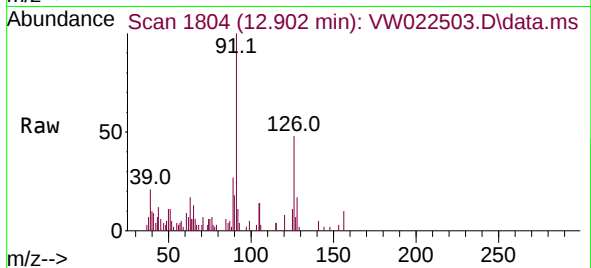




#62
1,3,5-Trimethylbenzene
Concen: 0.342 ug/L
RT: 12.902 min Scan# 11
Delta R.T. -0.036 min
Lab File: VW022503.D
Acq: 12 Apr 2022 13:33

Instrument :
MSVOA_W
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Tgt Ion:105 Resp: 584
Ion Ratio Lower Upper
105 100
120 50.9 37.5 56.3



#68
1,2-Dibromo-3-chloropropane
Concen: 12.409 ug/L
RT: 14.469 min Scan# 2061
Delta R.T. -0.012 min
Lab File: VW022503.D
Acq: 12 Apr 2022 13:33

Tgt Ion: 75 Resp: 1143
Ion Ratio Lower Upper
75 100
155 0.0 55.6 83.4#
157 9.6 69.8 104.6#

