

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042622\
 Data File : VW022621.D
 Acq On : 26 Apr 2022 13:31
 Operator : SY/VA
 Sample : N2562-08
 Misc : 5.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW469

Quant Time: Apr 27 01:39:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 27 01:34:11 2022
 Response via : Initial Calibration

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

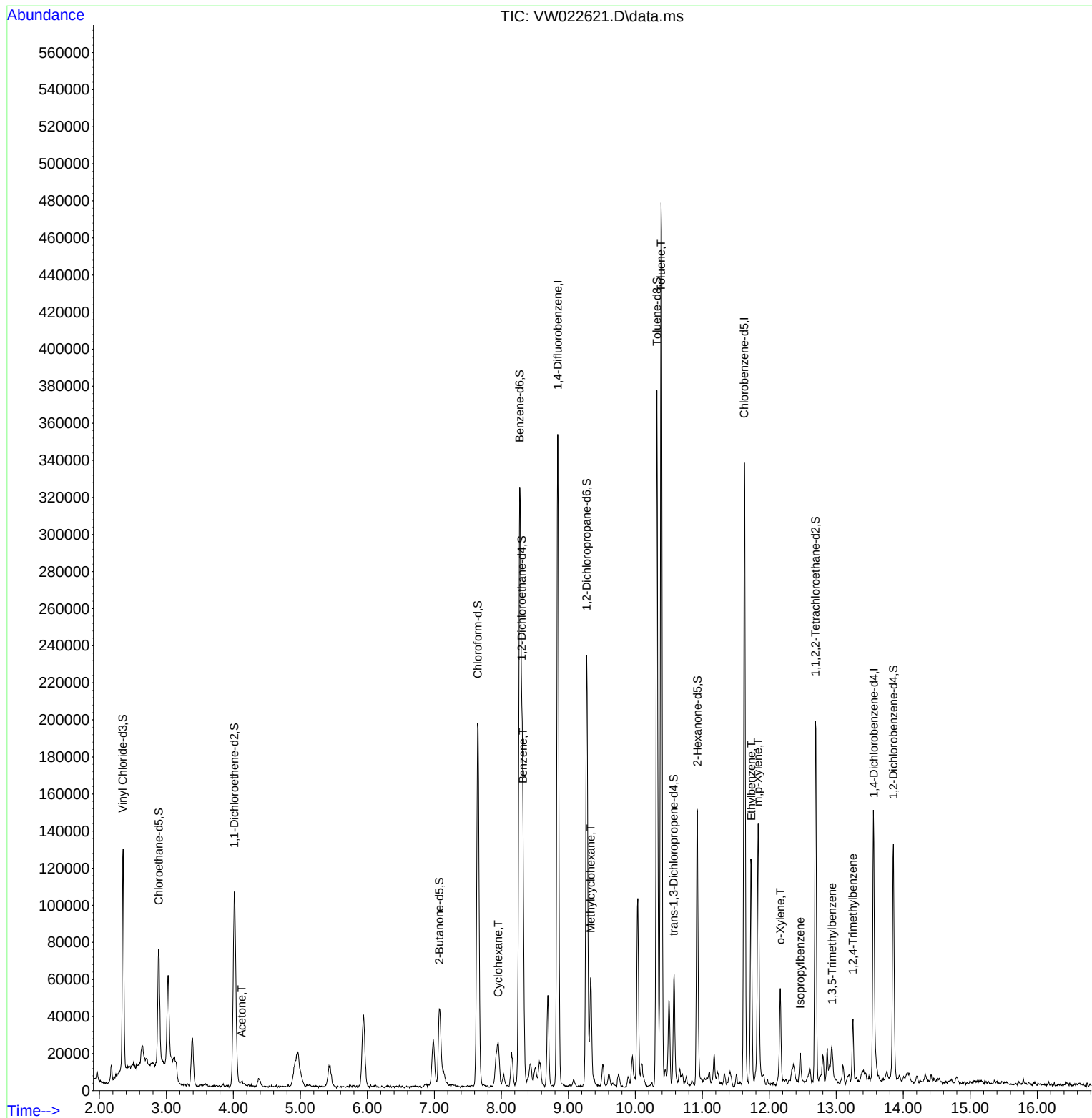
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	294334	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	182053	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	35324	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	88345	13.577	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.320%
7) Chloroethane-d5	2.885	69	71112	17.438	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.760%
11) 1,1-Dichloroethene-d2	4.013	63	99607	11.802	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.200%
21) 2-Butanone-d5	7.074	46	71568	63.000	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.000%
24) Chloroform-d	7.647	84	196793	21.391	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.560%
26) 1,2-Dichloroethane-d4	8.305	65	114152	21.716	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.880%
32) Benzene-d6	8.275	84	331696	29.821	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.280%
36) 1,2-Dichloropropane-d6	9.275	67	101989	31.685	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.760%#
41) Toluene-d8	10.323	98	231204	21.224	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.880%
43) trans-1,3-Dichloroprop...	10.573	79	31986	21.056	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.240%
47) 2-Hexanone-d5	10.927	63	50692	84.647	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	169.300%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	91868	33.567	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	134.280%#
66) 1,2-Dichlorobenzene-d4	13.853	152	30789	24.608	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.440%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	4212	5.446	ug/L	94
29) Cyclohexane	7.952	56	13610	2.612	ug/L	91
33) Benzene	8.323	78	64720	5.236	ug/L	100
35) Methylcyclohexane	9.335	83	22293	3.754	ug/L	97
42) Toluene	10.384	91	347255	24.518	ug/L	95
52) Ethylbenzene	11.731	91	84291	5.309	ug/L	98
53) m,p-Xylene	11.829	106	38102	6.312	ug/L	85
54) o-Xylene	12.164	106	13628	2.363	ug/L	92
60) Isopropylbenzene	12.463	105	8506	1.450	ug/L	95
62) 1,3,5-Trimethylbenzene	12.939	105	4886	1.514	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	17787	3.625	ug/L	96

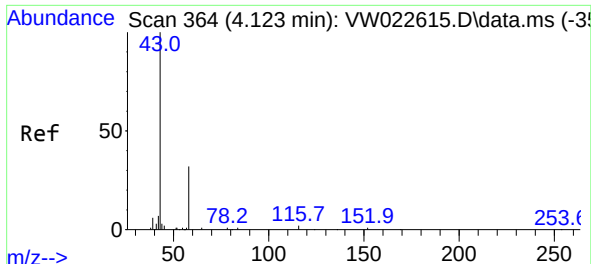
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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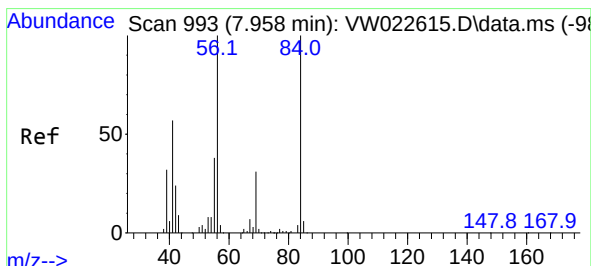
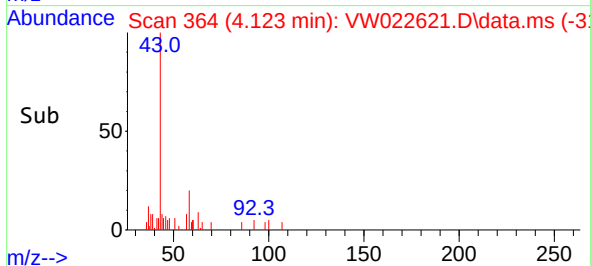
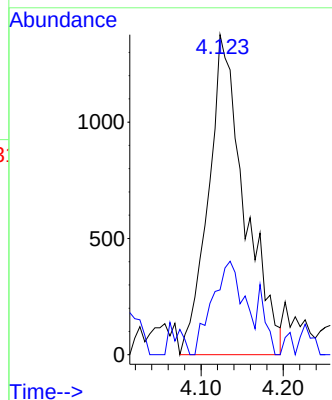
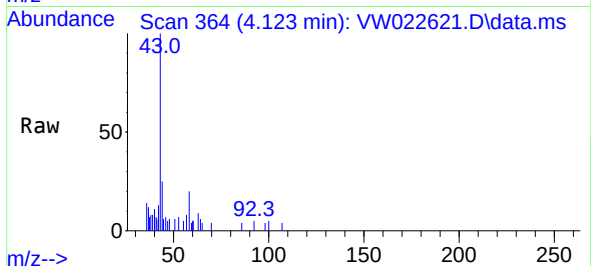




#13
Acetone
Concen: 5.446 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW022621.D
Acq: 26 Apr 2022 13:31

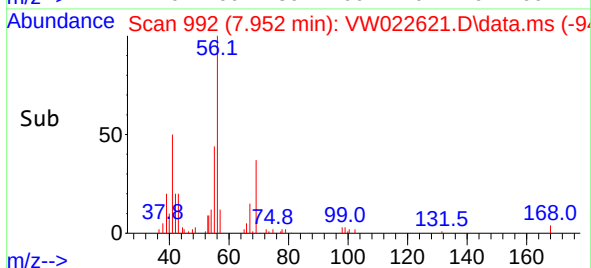
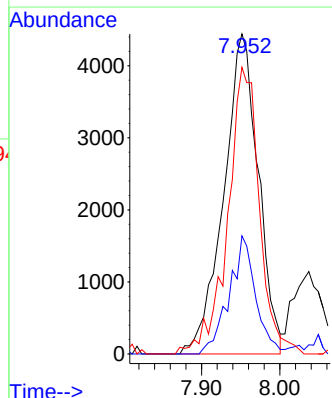
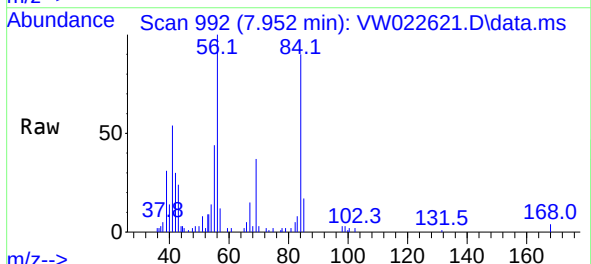
Instrument :
MSVOA_W
ClientSampleId :
EW469

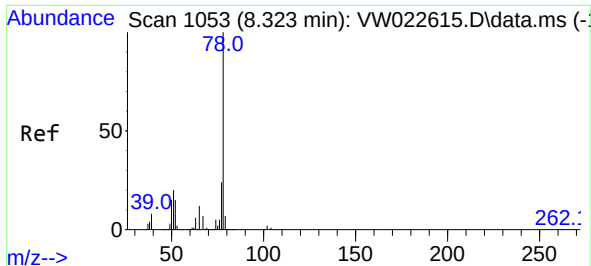
Tgt Ion: 43 Resp: 4212
Ion Ratio Lower Upper
43 100
58 25.5 0.0 57.0



#29
Cyclohexane
Concen: 2.612 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW022621.D
Acq: 26 Apr 2022 13:31

Tgt Ion: 56 Resp: 13610
Ion Ratio Lower Upper
56 100
69 28.4 24.4 36.6
84 80.3 72.6 108.8

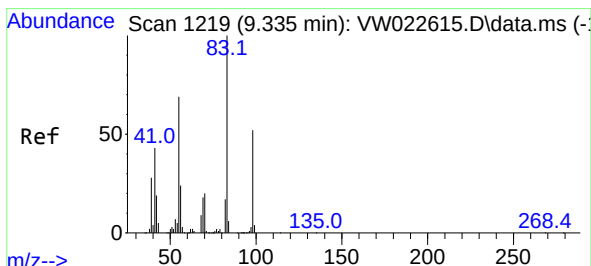
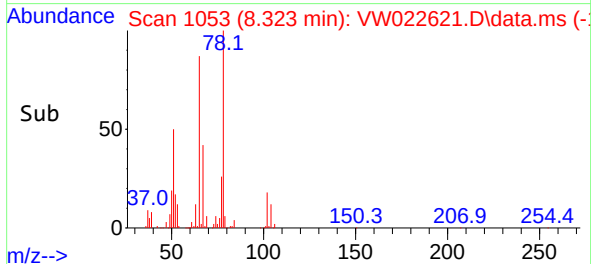
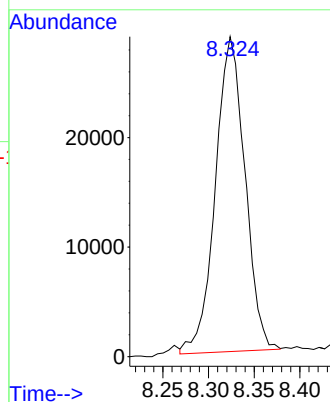
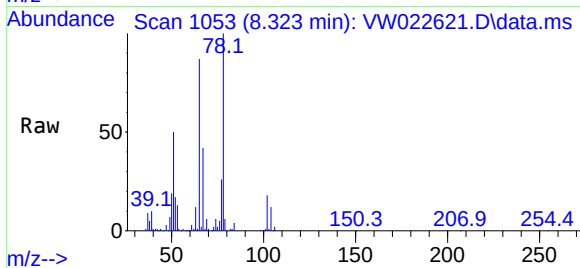




#33
Benzene
Concen: 5.236 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022621.D
Acq: 26 Apr 2022 13:31

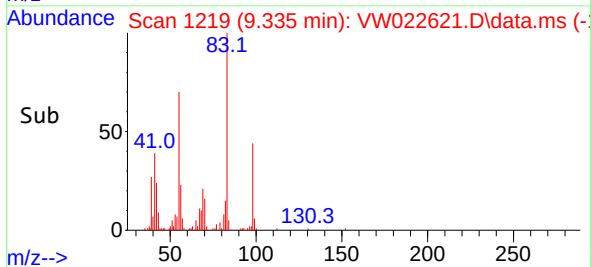
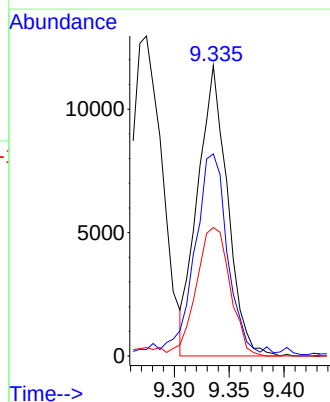
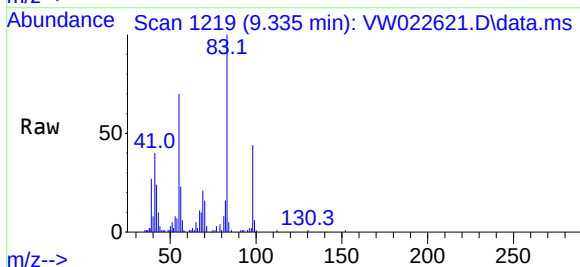
Instrument :
MSVOA_W
ClientSampleId :
EW469

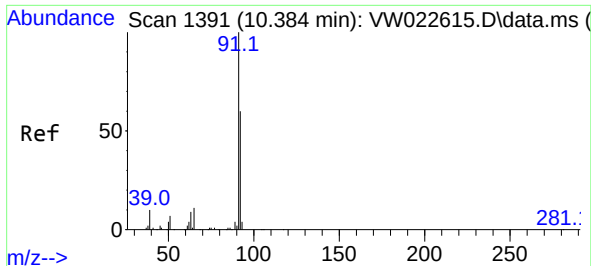
Tgt Ion: 78 Resp: 64720



#35
Methylcyclohexane
Concen: 3.754 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022621.D
Acq: 26 Apr 2022 13:31

Tgt Ion: 83 Resp: 22293
Ion Ratio Lower Upper
83 100
55 72.7 61.0 91.6
98 50.1 39.2 58.8

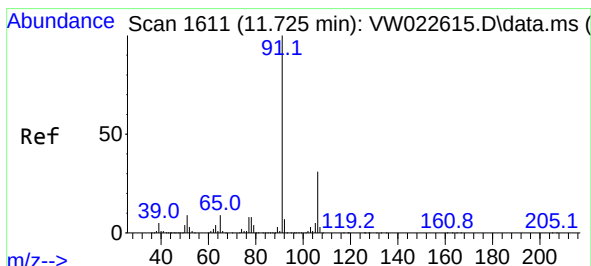
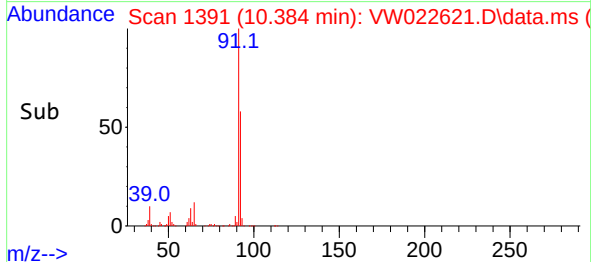
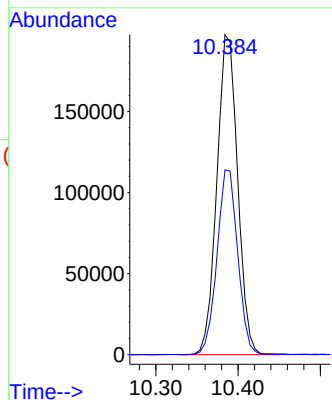
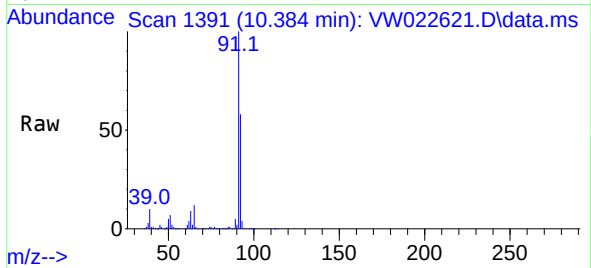




#42
Toluene
Concen: 24.518 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022621.D
Acq: 26 Apr 2022 13:31

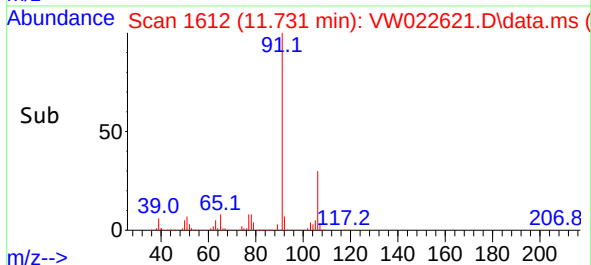
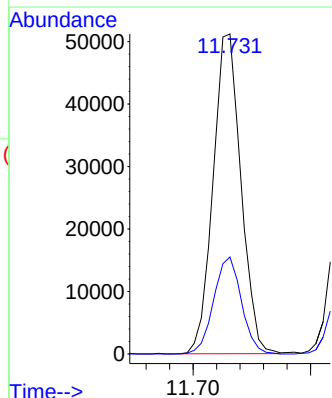
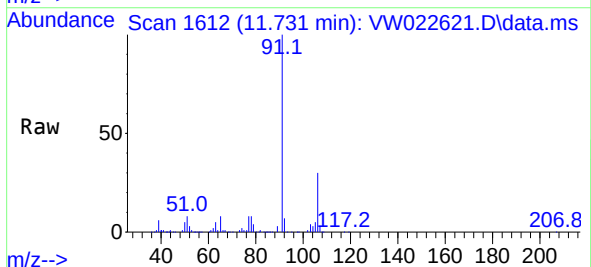
Instrument :
MSVOA_W
ClientSampleId :
EW469

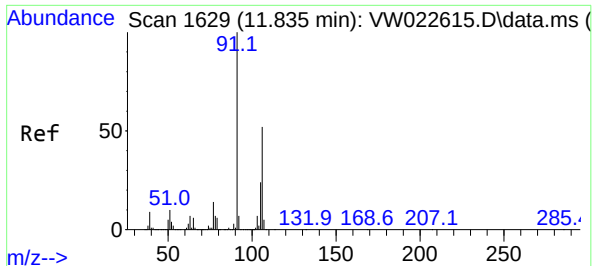
Tgt Ion: 91 Resp: 347255
Ion Ratio Lower Upper
91 100
92 57.8 38.0 70.6



#52
Ethylbenzene
Concen: 5.309 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW022621.D
Acq: 26 Apr 2022 13:31

Tgt Ion: 91 Resp: 84291
Ion Ratio Lower Upper
91 100
106 30.3 20.5 38.1

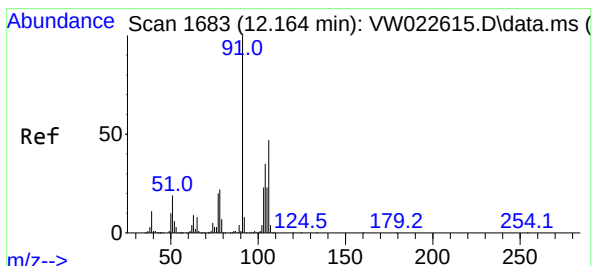
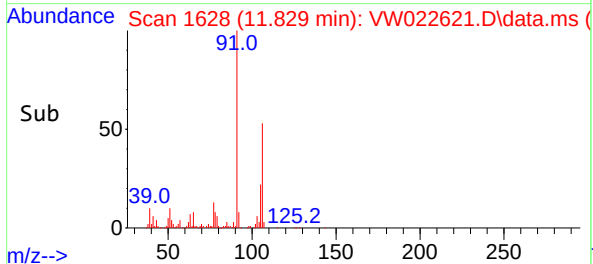
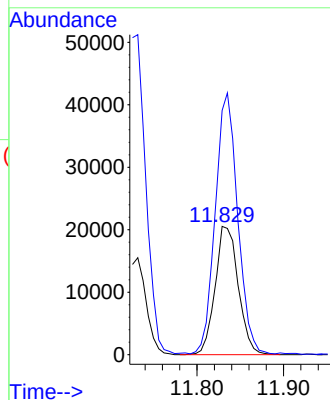
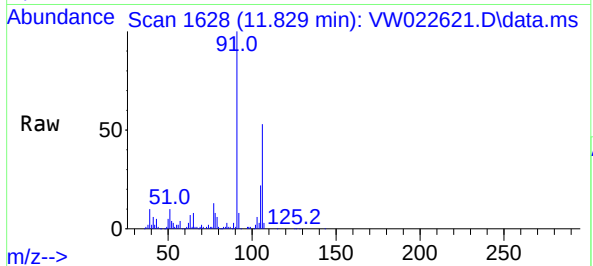




#53
m,p-Xylene
Concen: 6.312 ug/L
RT: 11.829 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VW022621.D
Acq: 26 Apr 2022 13:31

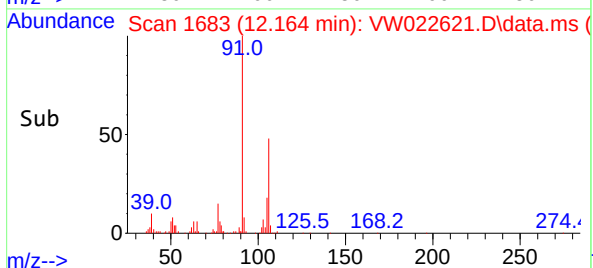
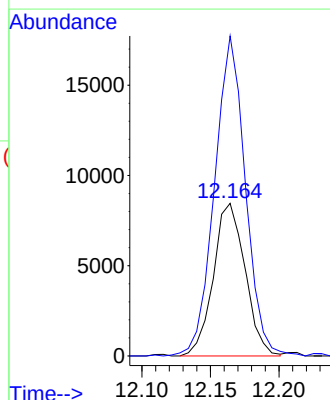
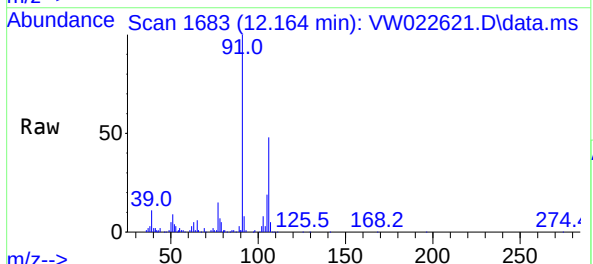
Instrument :
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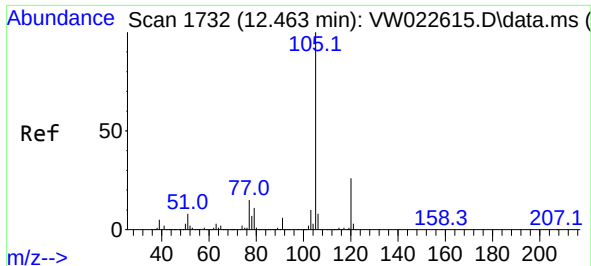
Tgt Ion:106 Resp: 38102
Ion Ratio Lower Upper
106 100
91 190.3 149.9 278.5



#54
o-Xylene
Concen: 2.363 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022621.D
Acq: 26 Apr 2022 13:31

Tgt Ion:106 Resp: 13628
Ion Ratio Lower Upper
106 100
91 209.6 155.3 288.3

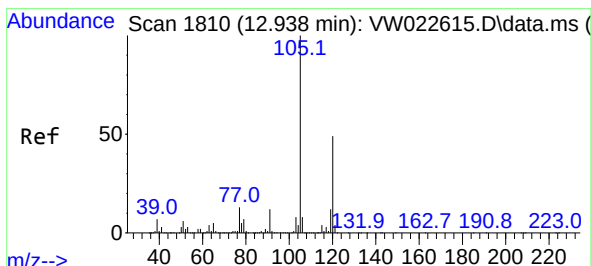
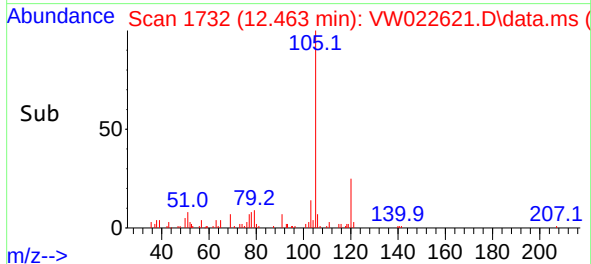
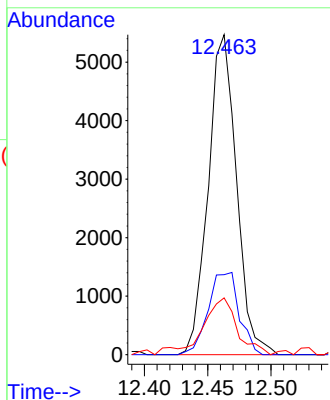
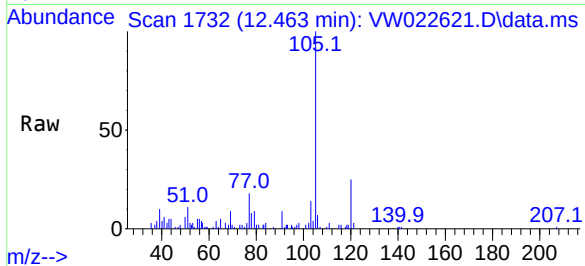




#60
Isopropylbenzene
Concen: 1.450 ug/L
RT: 12.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022621.D
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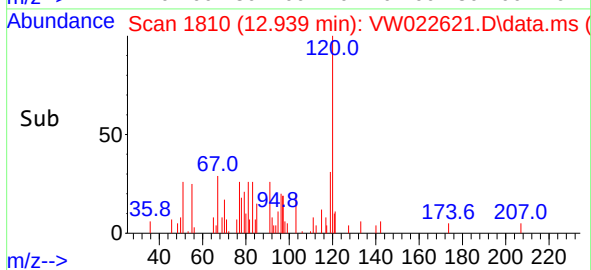
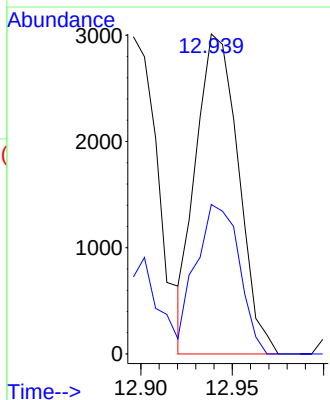
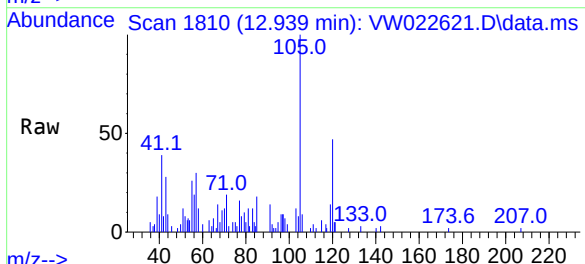
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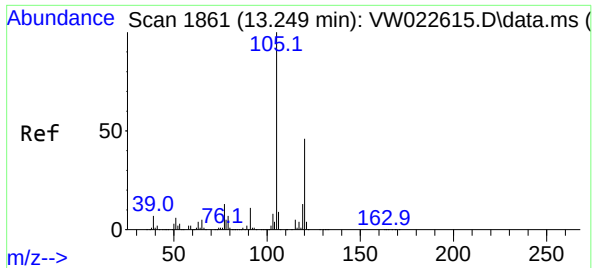
Tgt Ion:	105	Resp:	8506
Ion	Ratio	Lower	Upper
105	100		
120	28.3	20.9	31.3
77	20.2	13.7	20.5



#62
1,3,5-Trimethylbenzene
Concen: 1.514 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022621.D
Acq: 26 Apr 2022 13:31

Tgt Ion:	105	Resp:	4886
Ion	Ratio	Lower	Upper
105	100		
120	47.4	37.5	56.3





#63
 1,2,4-Trimethylbenzene
 Concen: 3.625 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022621.D
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Instrument :
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Tgt Ion:105 Resp: 17787
 Ion Ratio Lower Upper
 105 100
 120 45.0 34.2 51.2

