

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
 Data File : VW022499.D
 Acq On : 12 Apr 2022 11:57
 Operator : SY/VA
 Sample : N2316-05
 Misc : 5.51g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNQ3

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/13/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 12 23:31:13 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	403627	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	391686	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	203522	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	132335	14.831	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.320%		
7) Chloroethane-d5	2.891	69	100934	18.049	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.200%		
11) 1,1-Dichloroethene-d2	4.019	63	142191	12.286	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	49.160%		
21) 2-Butanone-d5	7.074	46	74913	48.088	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.180%		
24) Chloroform-d	7.647	84	254641	20.184	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.720%		
26) 1,2-Dichloroethane-d4	8.305	65	146838	20.371	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	81.480%		
32) Benzene-d6	8.275	84	458198	19.147	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	76.600%		
36) 1,2-Dichloropropane-d6	9.274	67	144791	20.908	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	83.640%		
41) Toluene-d8	10.323	98	433717	18.505	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	74.040%		
43) trans-1,3-Dichloroprop...	10.573	79	61486	18.813	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	75.240%		
47) 2-Hexanone-d5	10.927	63	98298m	76.291	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	152.580%#		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	136597	23.198	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	92.800%		
66) 1,2-Dichlorobenzene-d4	13.853	152	163879	22.733	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.920%		
Target Compounds						Qvalue
13) Acetone	4.123	43	86697	81.738	ug/L	98
22) 2-Butanone	7.177	43	15649	9.769	ug/L	97
33) Benzene	8.323	78	1889360	71.047	ug/L	100
35) Methylcyclohexane	9.329	83	12608	0.987	ug/L	92
42) Toluene	10.384	91	153625	5.041	ug/L	96
51) Chlorobenzene	11.658	112	1133175	60.853	ug/L	95
52) Ethylbenzene	11.731	91	29932	0.876	ug/L	98
53) m,p-Xylene	11.841	106	8735	0.673	ug/L	95
54) o-Xylene	12.164	106	7967	0.642	ug/L	75

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

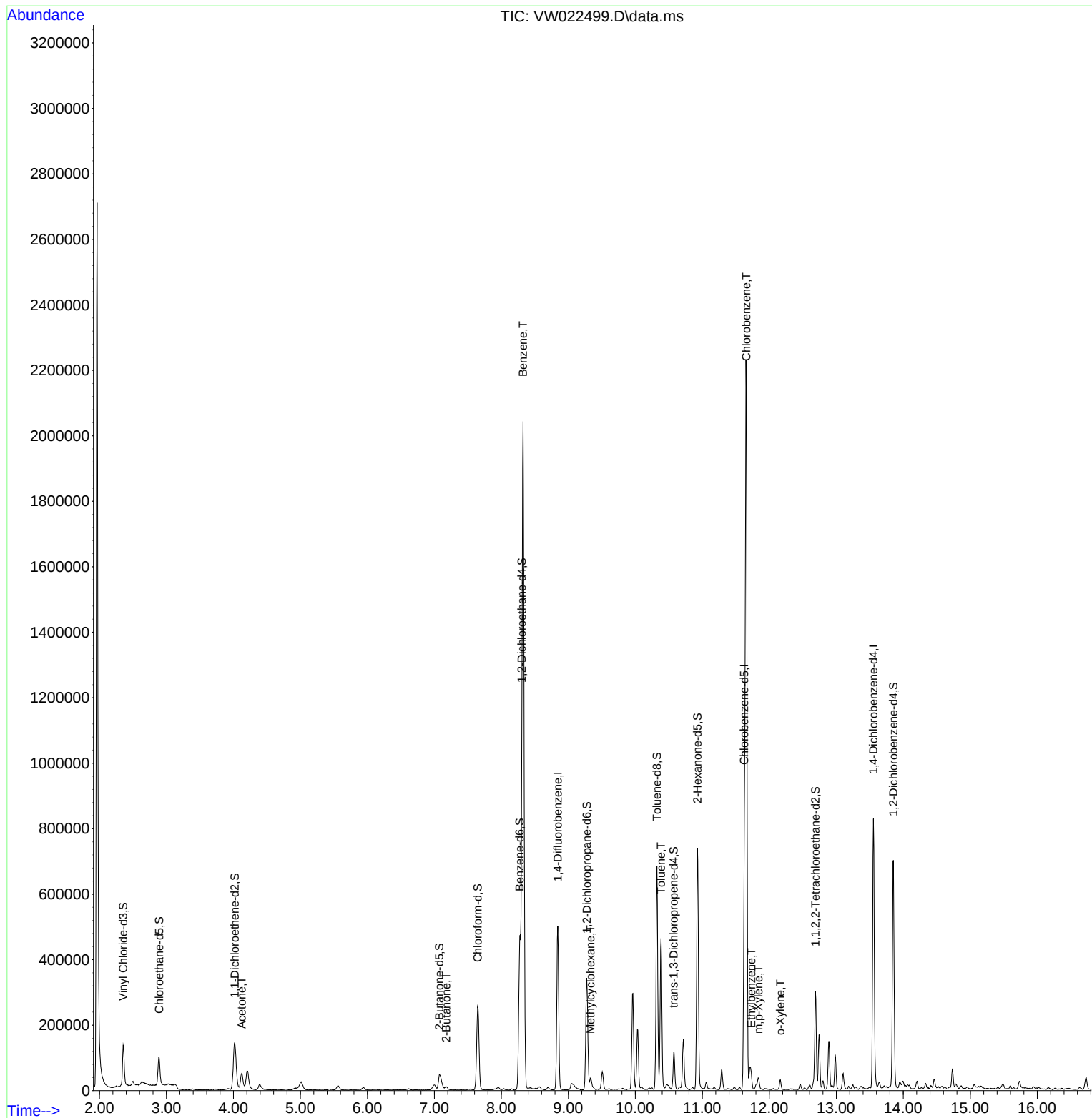
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
Data File : VW022499.D
Acq On : 12 Apr 2022 11:57
Operator : SY/VA
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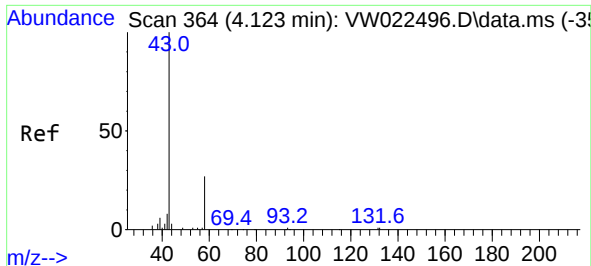
Instrument :
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ClientSampleId :
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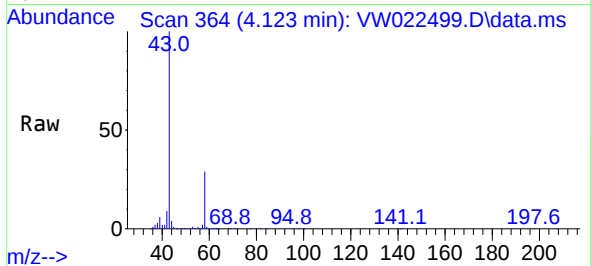
Quant Time: Apr 12 23:31:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Apr 12 23:30:19 2022
Response via : Initial Calibration





#13
Acetone
Concen: 81.738 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW022499.D
Acq: 12 Apr 2022 11:57

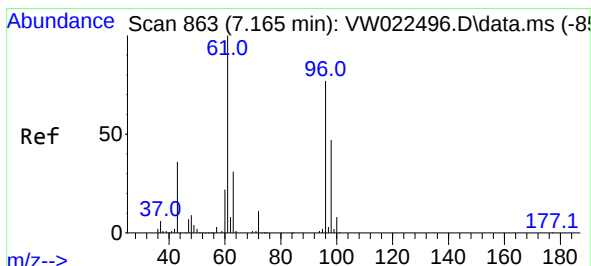
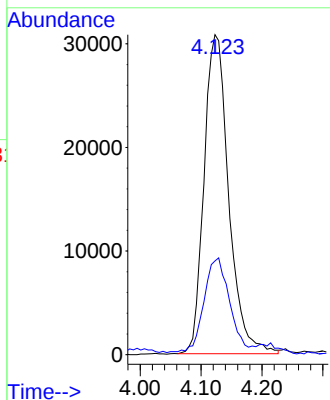
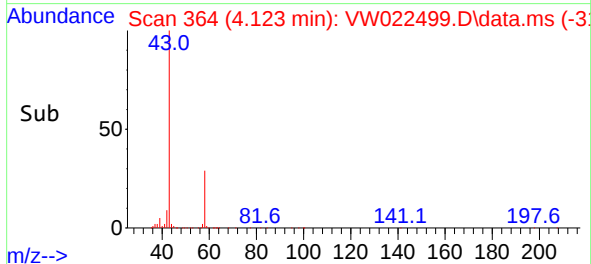
Instrument :
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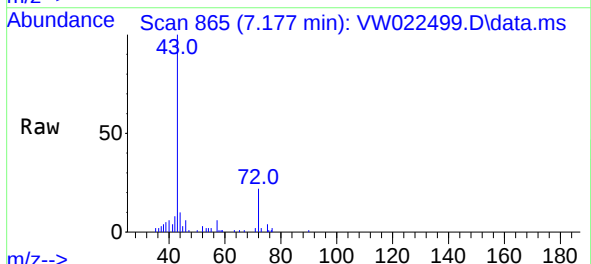
Tgt Ion: 43 Resp: 8669
Ion Ratio Lower Upper
43 100
58 29.6 0.0 57.0

Manual Integrations
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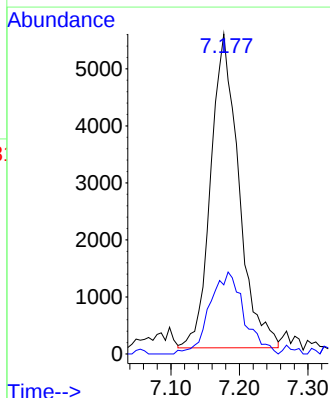
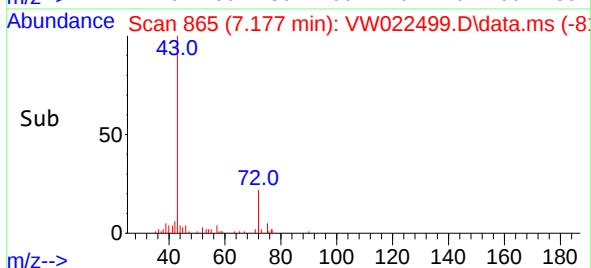
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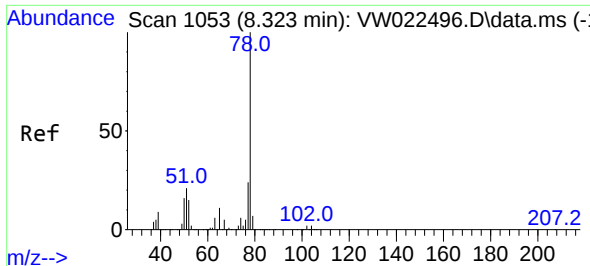


#22
2-Butanone
Concen: 9.769 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW022499.D
Acq: 12 Apr 2022 11:57



Tgt Ion: 43 Resp: 15649
Ion Ratio Lower Upper
43 100
72 26.5 14.0 42.0





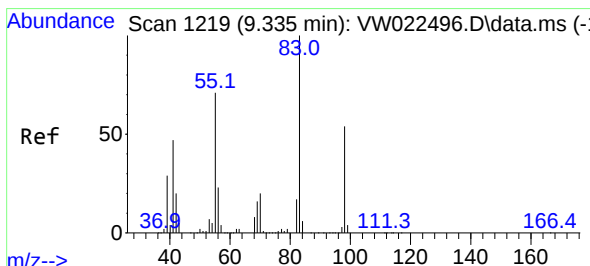
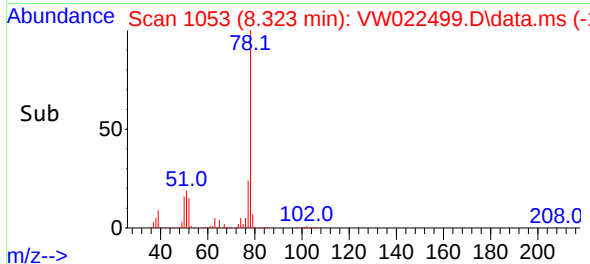
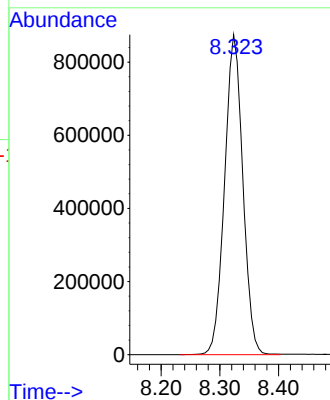
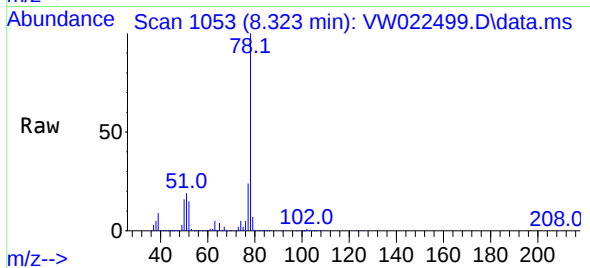
#33
Benzene
Concen: 71.047 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022499.D
Acq: 12 Apr 2022 11:57

Instrument :
MSVOA_W
ClientSampleId :
ETNQ3

Tgt Ion: 78 Resp: 188936

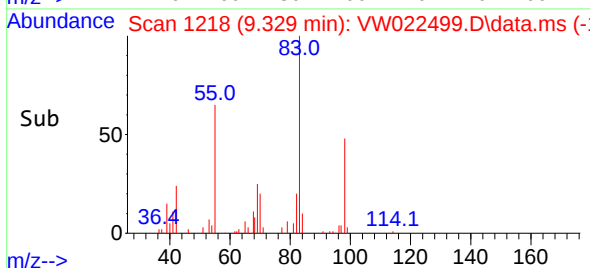
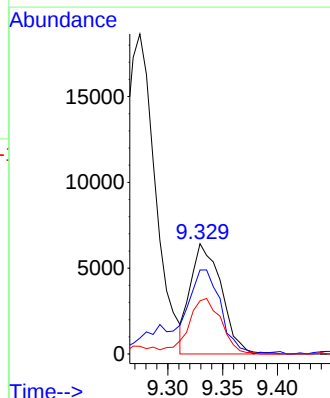
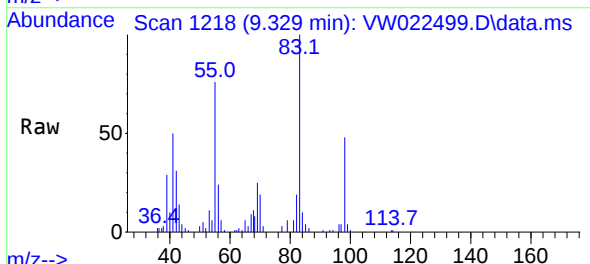
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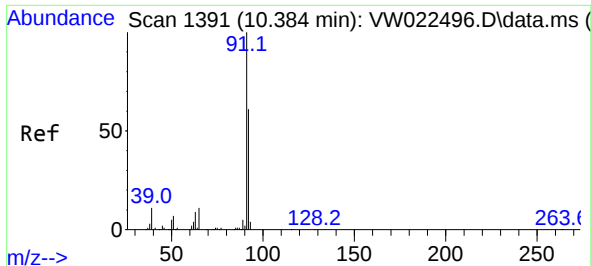
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#35
Methylcyclohexane
Concen: 0.987 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VW022499.D
Acq: 12 Apr 2022 11:57

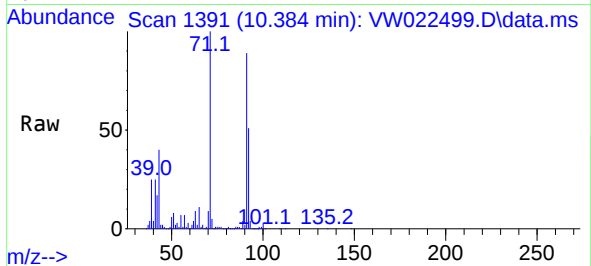
Tgt Ion: 83 Resp: 12608
Ion Ratio Lower Upper
83 100
55 84.2 61.0 91.6
98 53.4 39.2 58.8





#42
Toluene
Concen: 5.041 ug/L
RT: 10.384 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022499.D
Acq: 12 Apr 2022 11:57

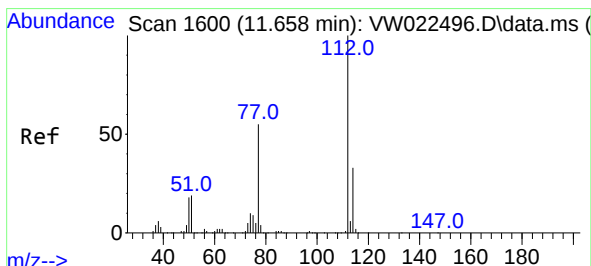
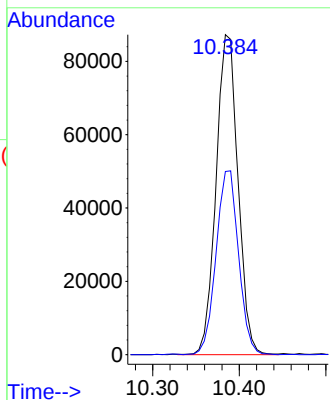
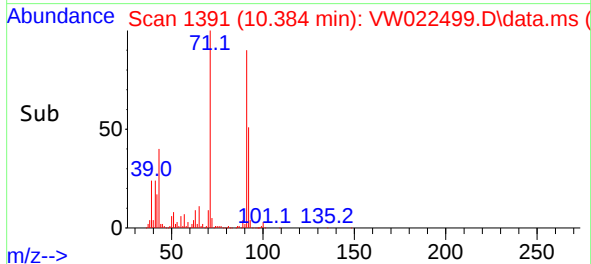
Instrument :
MSVOA_W
ClientSampleId :
ETNQ3



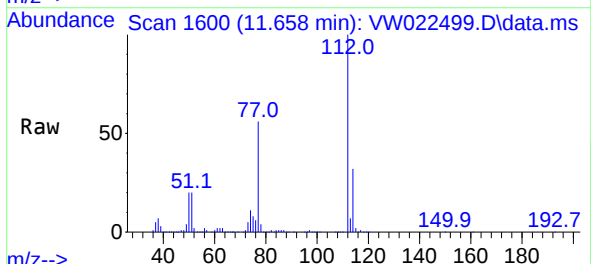
Tgt Ion: 91 Resp: 153629
Ion Ratio Lower Upper
91 100
92 57.2 38.0 70.6

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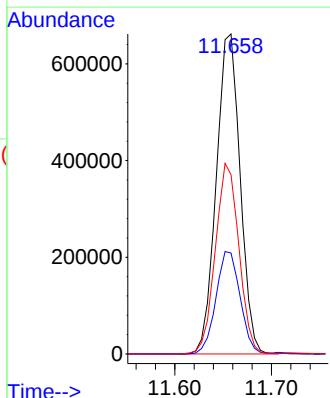
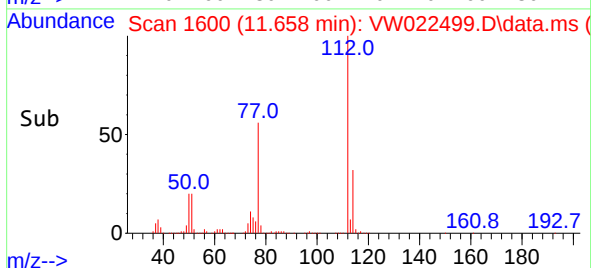
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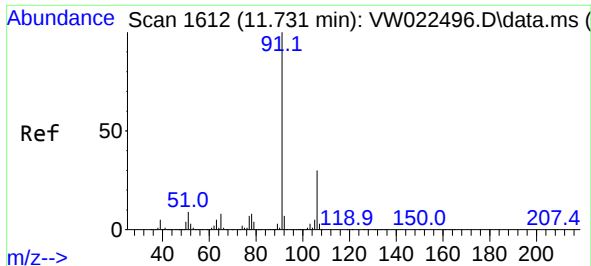


#51
Chlorobenzene
Concen: 60.853 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW022499.D
Acq: 12 Apr 2022 11:57



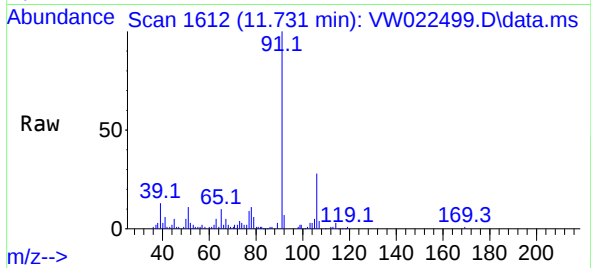
Tgt Ion:112 Resp: 1133175
Ion Ratio Lower Upper
112 100
114 31.6 20.5 38.1
77 56.1 48.1 72.1





#52
Ethylbenzene
Concen: 0.876 ug/L
RT: 11.731 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW022499.D
Acq: 12 Apr 2022 11:57

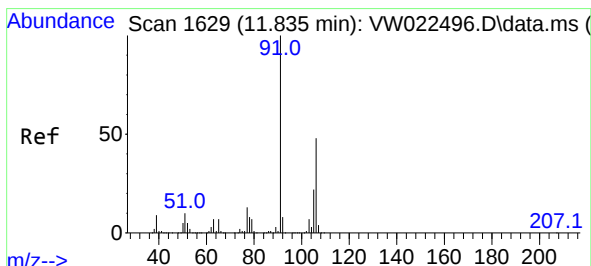
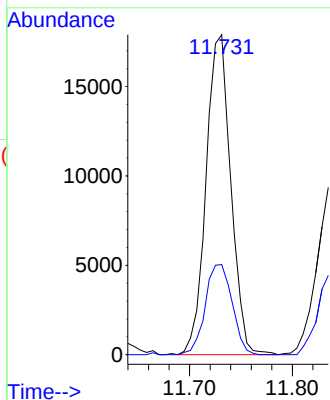
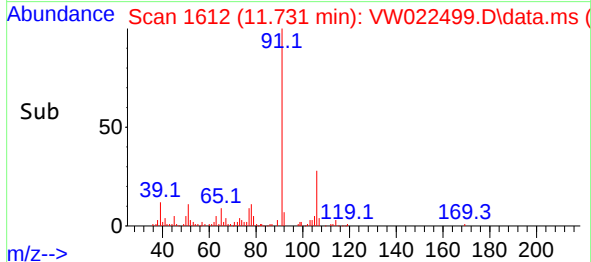
Instrument :
MSVOA_W
ClientSampleId :
ETNQ3



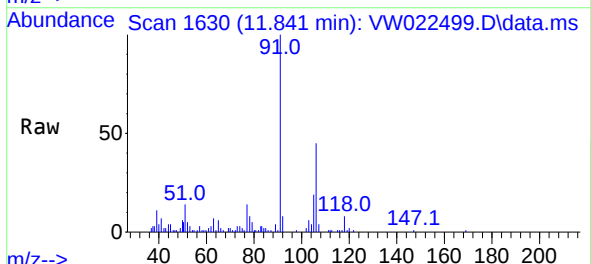
Tgt Ion: 91 Resp: 2993
Ion Ratio Lower Upper
91 100
106 28.2 20.5 38.1

Manual Integrations
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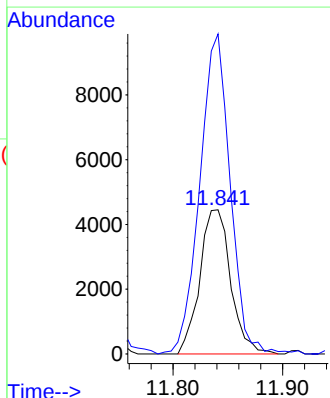
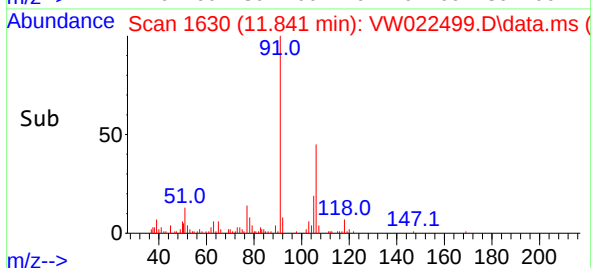
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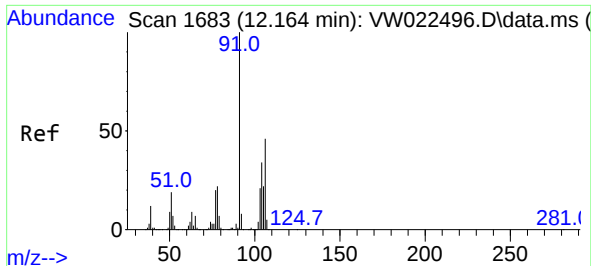


#53
m,p-Xylene
Concen: 0.673 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW022499.D
Acq: 12 Apr 2022 11:57



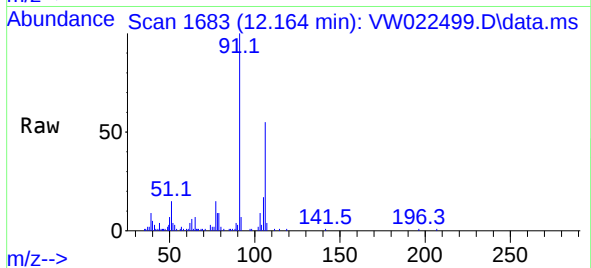
Tgt Ion:106 Resp: 8735
Ion Ratio Lower Upper
106 100
91 222.0 149.9 278.5





#54
o-Xylene
Concen: 0.642 ug/L
RT: 12.164 min Scan# 10
Delta R.T. -0.000 min
Lab File: VW022499.D
Acq: 12 Apr 2022 11:57

Instrument :
MSVOA_W
ClientSampleId :
ETNQ3



Tgt Ion:106 Resp: 796
Ion Ratio Lower Upper
106 100
91 180.9 155.3 288.3

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