

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101723\
 Data File : VW032453.D
 Acq On : 17 Oct 2023 18:18
 Operator : SY/MD
 Sample : 04903-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF5

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 18 06:06:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 18 06:02:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	141336	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	153814	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	78305	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	32505	2.828	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	56.600%		
7) Chloroethane-d5	1.532	69	30611m	3.281	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	65.600%		
11) 1,1-Dichloroethene-d2	2.060	65	15078	3.110	ug/L	0.01
Spiked Amount 5.000	Range 60 - 125		Recovery =	62.200%		
20) 2-Butanone-d5	3.805	46	121802	41.888	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	83.780%		
24) Chloroform-d	4.252	84	76651	3.780	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	75.600%		
26) 1,2-Dichloroethane-d4	4.947	65	38392	3.997	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	80.000%		
32) Benzene-d6	4.963	84	135368	2.991	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	59.800%#		
36) 1,2-Dichloropropane-d6	5.992	67	44952	2.998	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	60.000%		
41) Toluene-d8	7.246	98	127913	3.091	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	61.800%#		
43) trans-1,3-Dichloroprop...	7.561	79	18439	3.470	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	69.400%		
46) 2-Hexanone-d5	8.027	63	112507	45.000	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	90.000%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	42776	4.078	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	81.600%		
66) 1,2-Dichlorobenzene-d4	11.564	152	55186	3.798	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	76.000%#		
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.709	73	14048	0.498	ug/L #	42
30) Cyclohexane	4.590	56	6513	0.283	ug/L	99
35) Methylcyclohexane	6.050	83	4160	0.182	ug/L	91
42) Toluene	7.320	91	208255	3.607	ug/L	98
52) Ethylbenzene	8.950	91	125920	1.959	ug/L	100
53) m,p-Xylene	9.075	106	157818	6.619	ug/L	99
54) o-Xylene	9.480	106	58288	2.537	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	36582	0.738	ug/L	96
63) 1,2,4-Trimethylbenzene	10.853	105	159101	3.222	ug/L	99

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

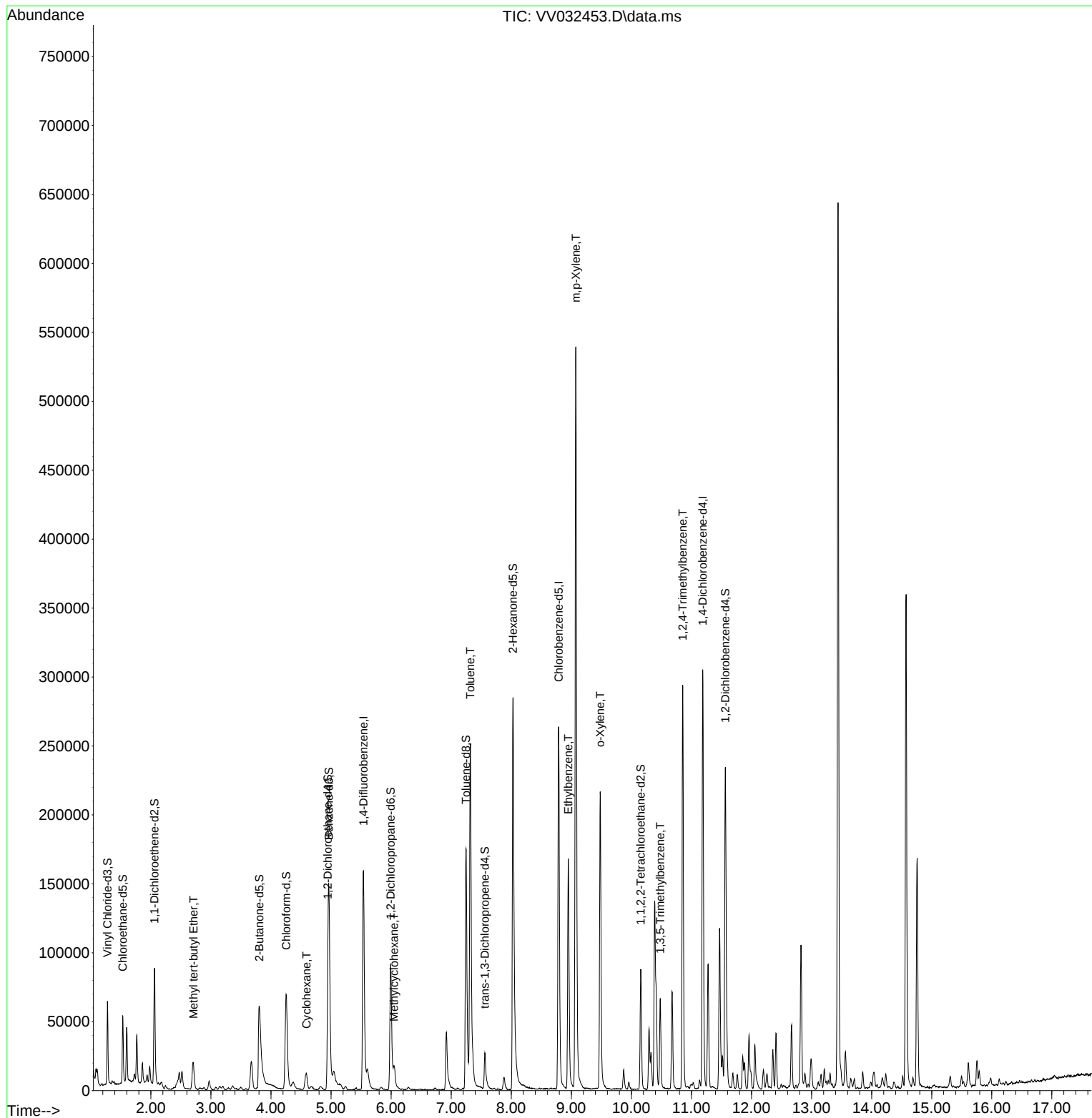
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Data File : VV032453.D
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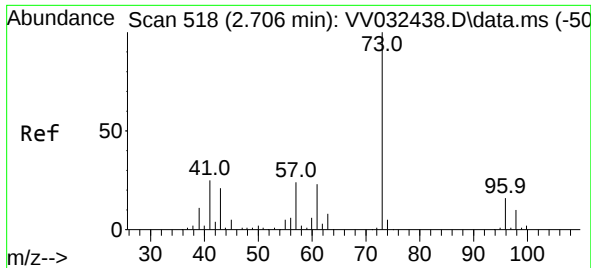
Instrument :
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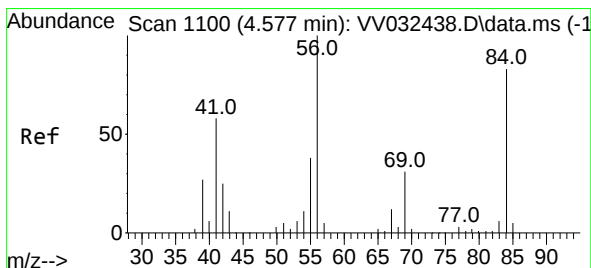
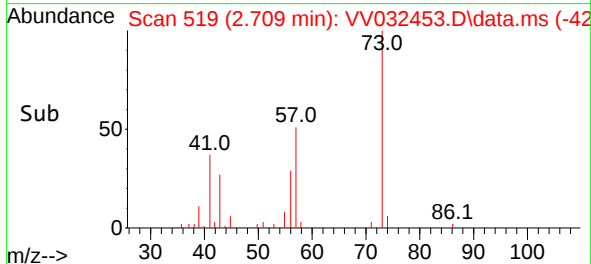
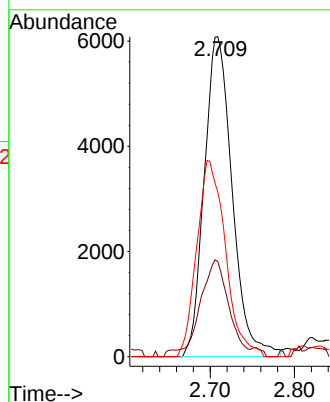
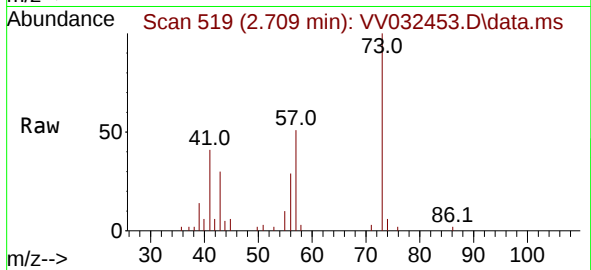
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Methyl tert-butyl Ether
Concen: 0.498 ug/L
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV032453.D
Acq: 17 Oct 2023 18:18

Instrument :
MSVOA_V
ClientSampleId :
C0AF5

Tgt Ion: 73 Resp: 1404
Ion Ratio Lower Upper
73 100
43 31.2 15.1 22.7
57 62.8 18.3 27.5

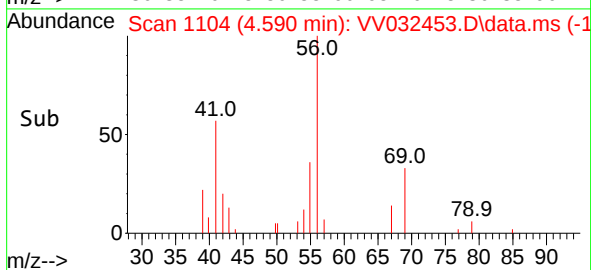
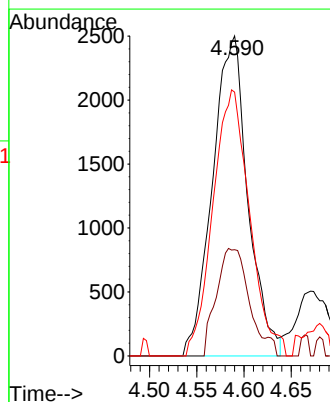
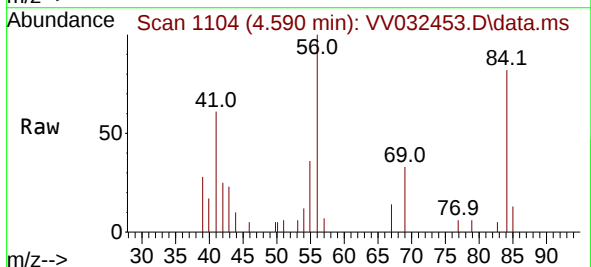
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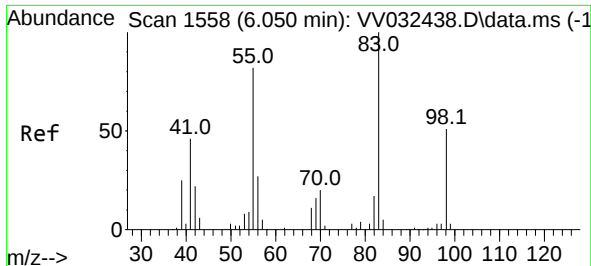
Reviewed By :John Carlone 10/18/2023
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#30
Cyclohexane
Concen: 0.283 ug/L
RT: 4.590 min Scan# 1104
Delta R.T. 0.013 min
Lab File: VV032453.D
Acq: 17 Oct 2023 18:18

Tgt Ion: 56 Resp: 6513
Ion Ratio Lower Upper
56 100
69 31.3 24.2 36.2
84 86.0 68.1 102.1





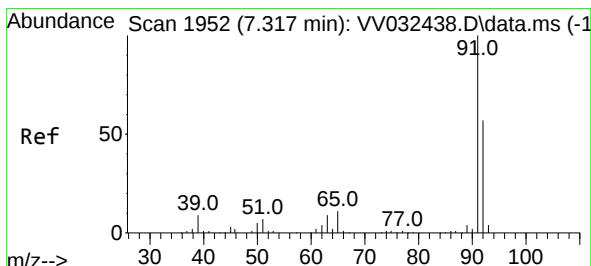
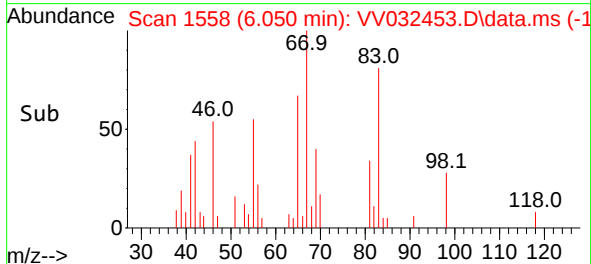
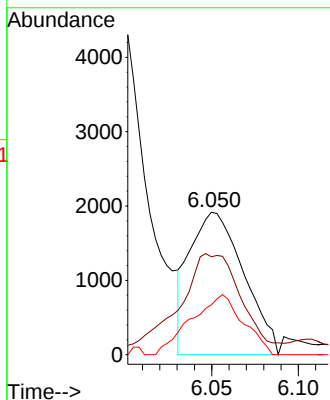
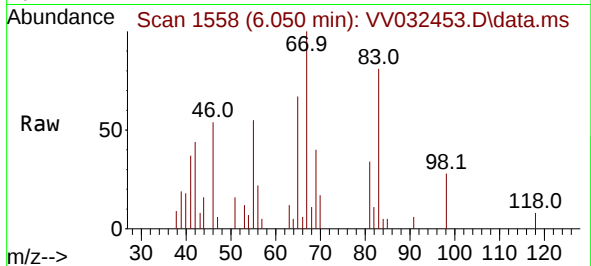
#35
Methylcyclohexane
Concen: 0.182 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV032453.D
Acq: 17 Oct 2023 18:18

Instrument :
MSVOA_V
ClientSampleId :
C0AF5

Tgt Ion: 83 Resp: 4160
Ion Ratio Lower Upper
83 100
55 85.9 64.2 96.2
98 40.4 39.6 59.4

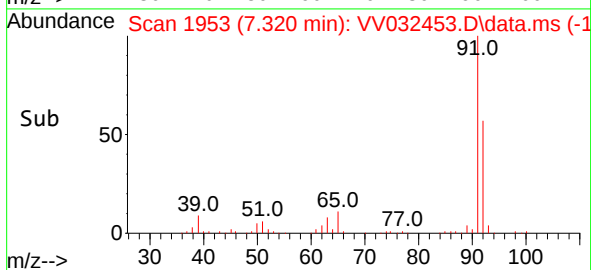
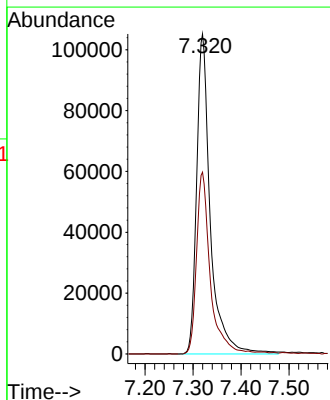
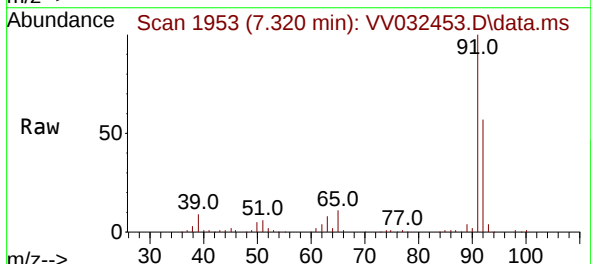
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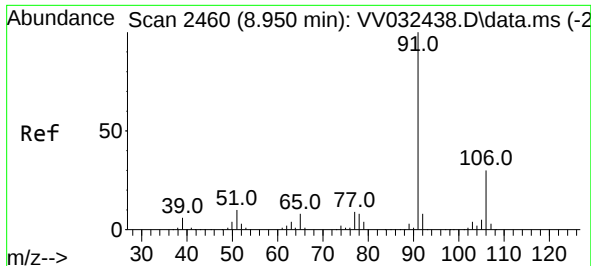
Reviewed By :John Carlone 10/18/2023
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#42
Toluene
Concen: 3.607 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. 0.003 min
Lab File: VV032453.D
Acq: 17 Oct 2023 18:18

Tgt Ion: 91 Resp: 208255
Ion Ratio Lower Upper
91 100
92 56.8 40.8 75.8





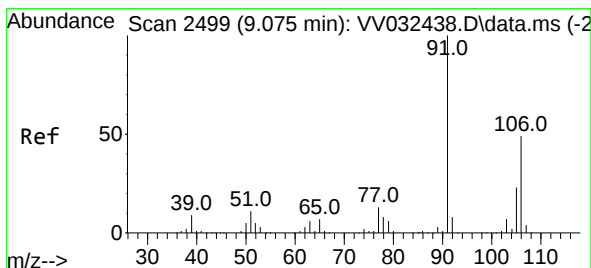
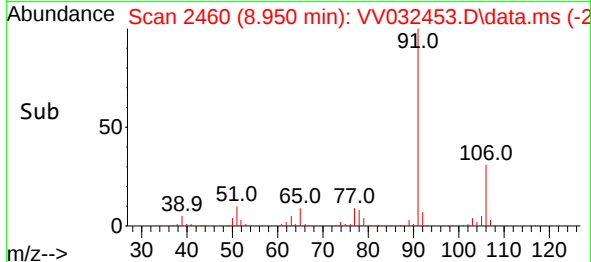
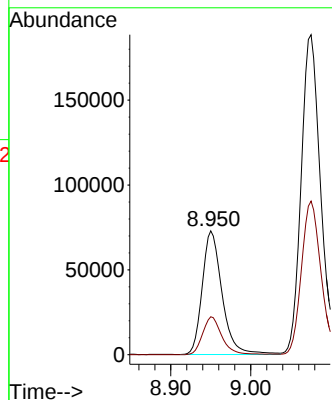
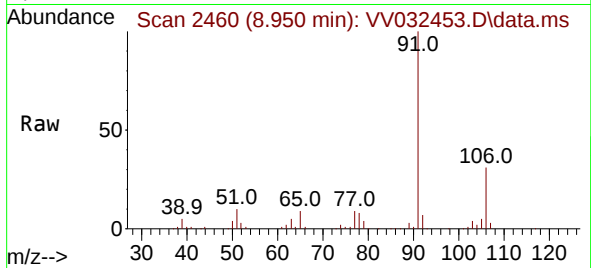
#52
Ethylbenzene
Concen: 1.959 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032453.D
Acq: 17 Oct 2023 18:18

Instrument :
MSVOA_V
ClientSampleId :
C0AF5

Tgt Ion: 91 Resp: 125920
Ion Ratio Lower Upper
91 100
106 30.6 21.3 39.5

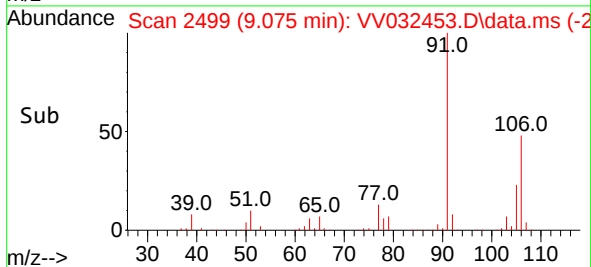
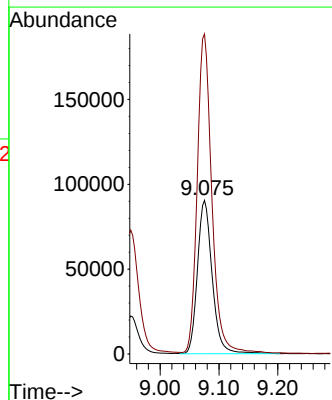
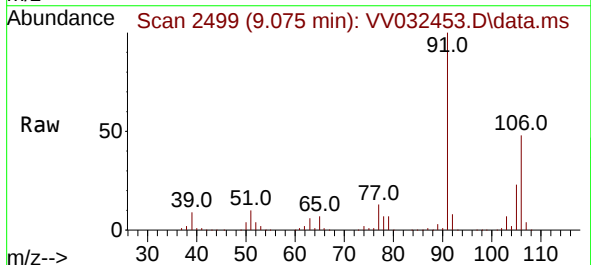
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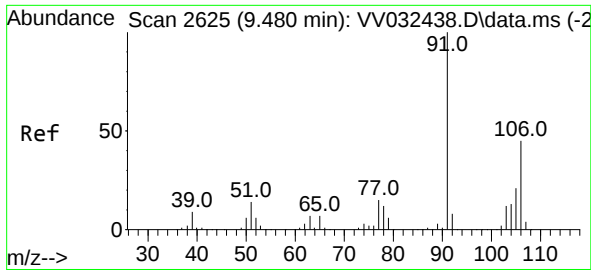
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#53
m,p-Xylene
Concen: 6.619 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032453.D
Acq: 17 Oct 2023 18:18

Tgt Ion:106 Resp: 157818
Ion Ratio Lower Upper
106 100
91 208.3 144.5 268.3





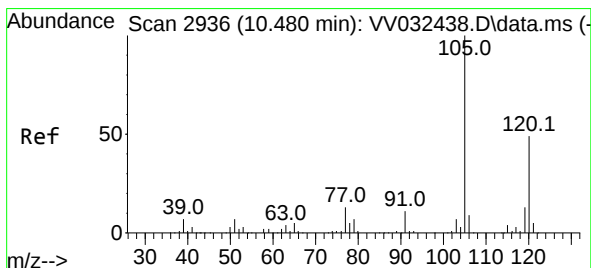
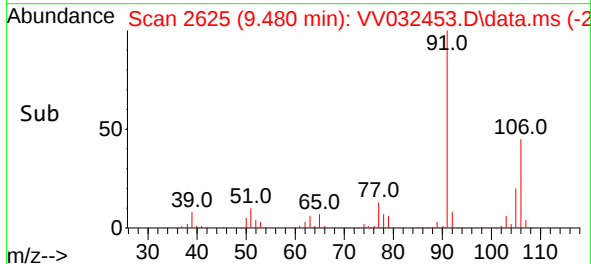
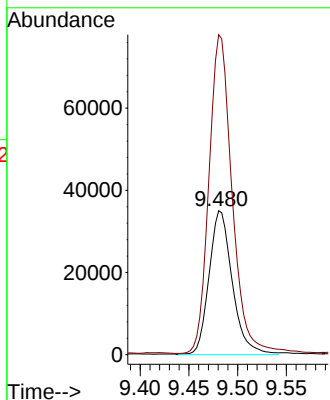
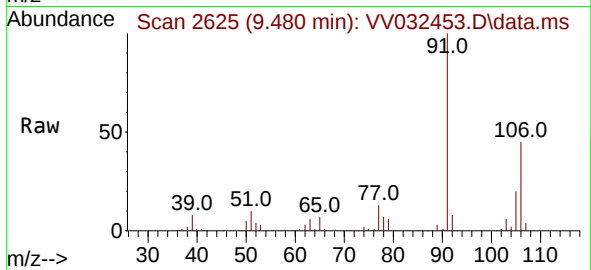
#54
o-Xylene
Concen: 2.537 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032453.D
Acq: 17 Oct 2023 18:18

Instrument :
MSVOA_V
ClientSampleId :
C0AF5

Tgt Ion:106 Resp: 5828
Ion Ratio Lower Upper
106 100
91 222.3 154.8 287.4

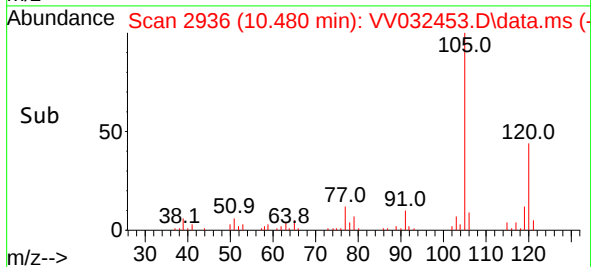
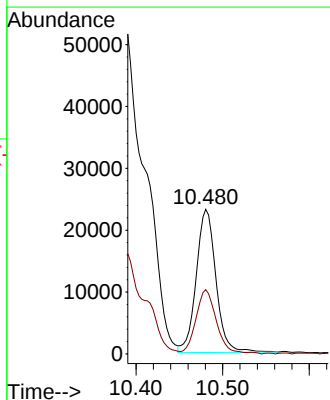
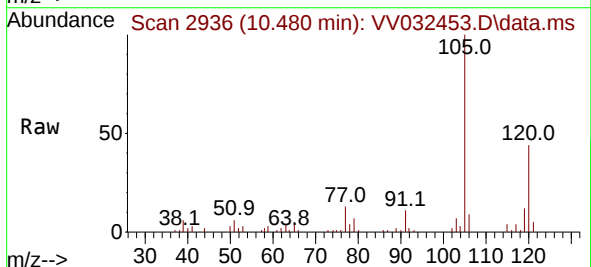
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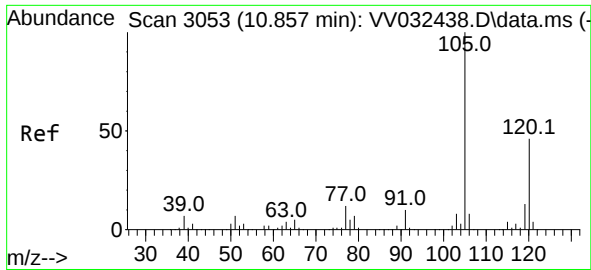
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#62
1,3,5-Trimethylbenzene
Concen: 0.738 ug/L
RT: 10.480 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VV032453.D
Acq: 17 Oct 2023 18:18

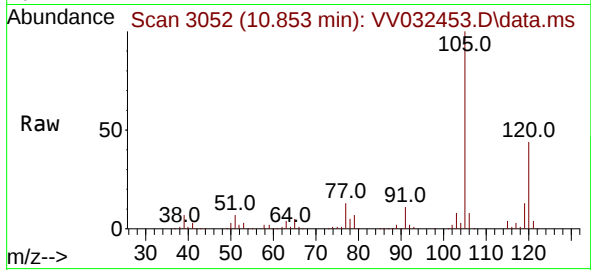
Tgt Ion:105 Resp: 36582
Ion Ratio Lower Upper
105 100
120 46.8 39.9 59.9





#63
1,2,4-Trimethylbenzene
Concen: 3.222 ug/L
RT: 10.853 min Scan# 3052
Delta R.T. -0.003 min
Lab File: VV032453.D
Acq: 17 Oct 2023 18:18

Instrument :
MSVOA_V
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Tgt Ion:105 Resp: 15910
Ion Ratio Lower Upper
105 100
120 45.0 36.2 54.4

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