

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101723\
 Data File : VW032441.D
 Acq On : 17 Oct 2023 13:29
 Operator : SY/MD
 Sample : 04903-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF8

Manual Integrations
 APPROVED

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

Quant Time: Oct 18 06:03:50 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	5.538	114	99729	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	108587	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	49925	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33892	4.179	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.532	69	30811	4.680	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.059	65	14037	4.104	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	3.818	46	76465	37.268	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.540%
24) Chloroform-d	4.256	84	70936	4.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	4.947	65	33038	4.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	4.963	84	121997	3.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	5.992	67	41568	3.927	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.600%
41) Toluene-d8	7.246	98	109442	3.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	7.561	79	15356	4.094	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.030	63	78706	44.593	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.180%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	36376	4.913	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	43749	4.722	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds					Qvalue	
13) Acetone	2.146	43	9630m	6.090	ug/L	
17) Methyl tert-butyl Ether	2.712	73	3537	0.178	ug/L #	81
25) Chloroform	4.281	83	84661	5.475	ug/L	98
38) Bromodichloromethane	6.436	83	65898	5.424	ug/L	98
49) Dibromochloromethane	8.181	129	41355	5.507	ug/L	97
52) Ethylbenzene	8.956	91	3443	0.076	ug/L	98
53) m,p-Xylene	9.085	106	2128	0.126	ug/L	99
54) o-Xylene	9.487	106	1129	0.070	ug/L	79
59) Bromoform	9.670	173	7228	1.991	ug/L #	96
63) 1,2,4-Trimethylbenzene	10.860	105	3962	0.126	ug/L	99

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

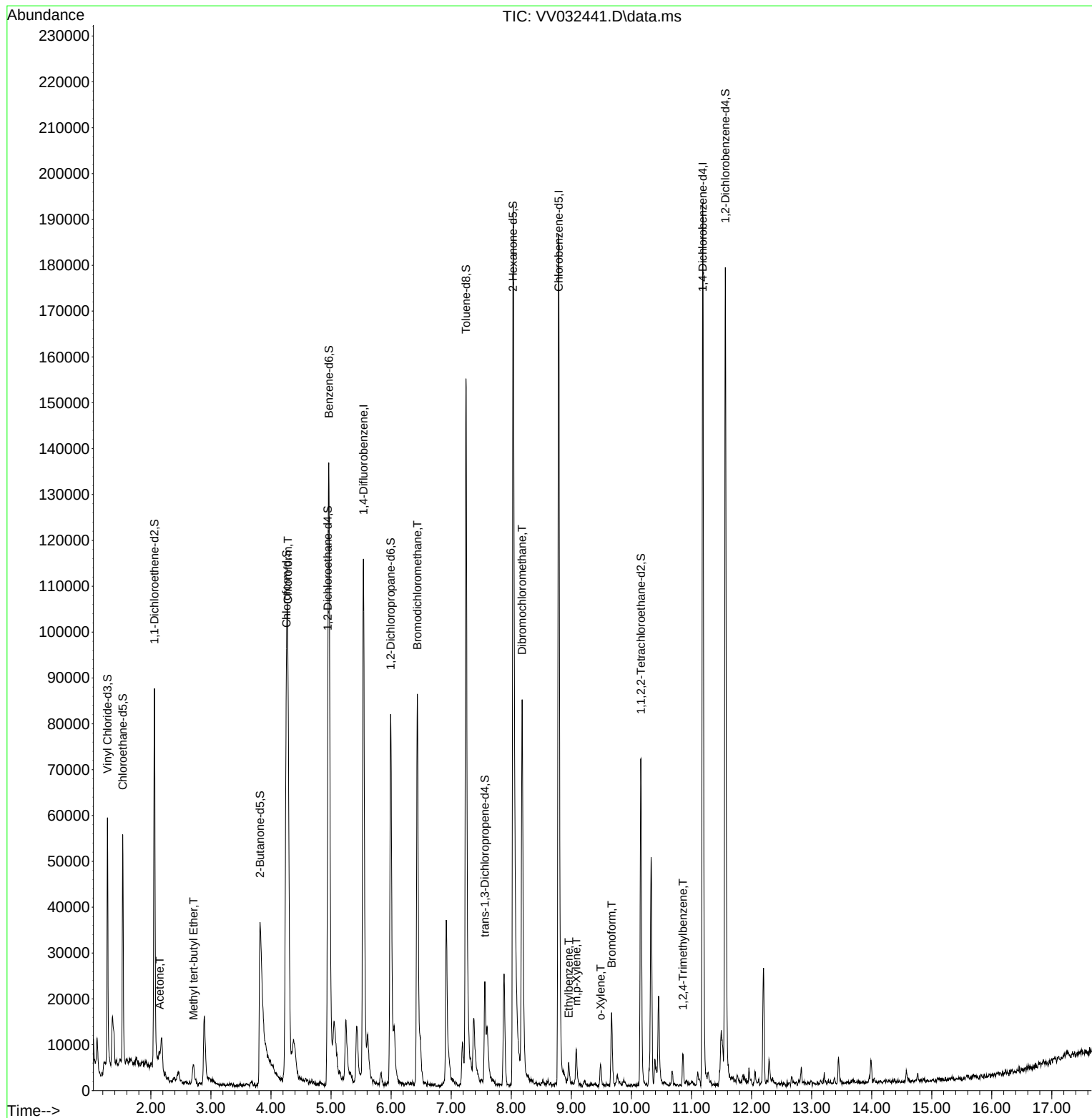
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101723\
Data File : VV032441.D
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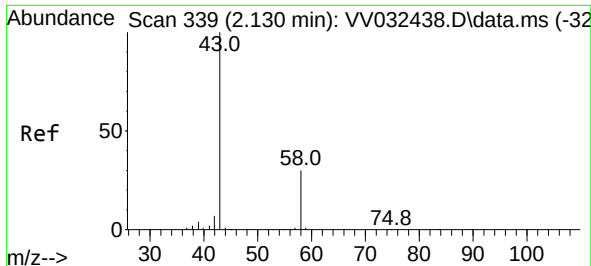
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 18 06:02:40 2023
Response via : Initial Calibration





#13

Acetone

Concen: 6.090 ug/L m

RT: 2.146 min Scan# 34

Delta R.T. 0.016 min

Lab File: VV032441.D

Acq: 17 Oct 2023 13:29

Instrument :

MSVOA_V

ClientSampleId :

C0AF8

Tgt Ion: 43 Resp: 9630

Ion Ratio Lower Upper

43 100

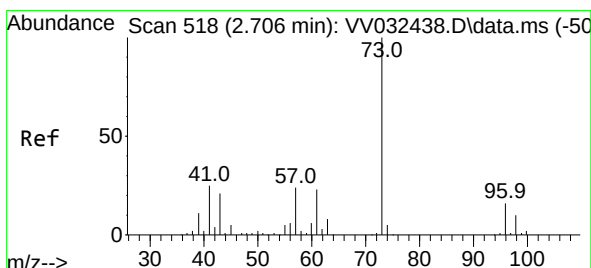
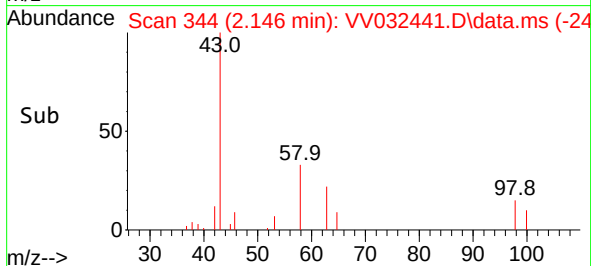
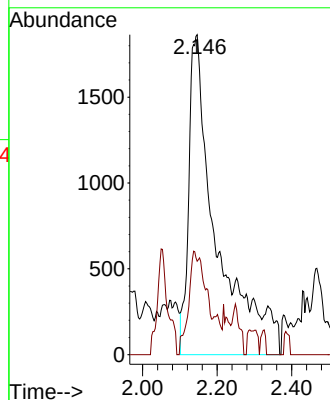
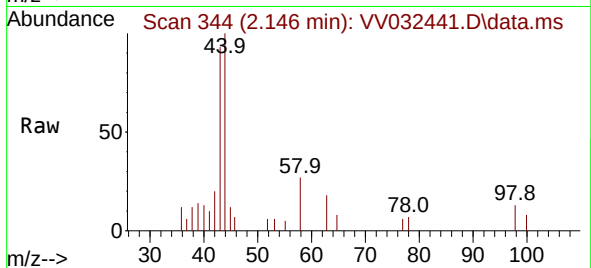
58 10.1 0.0 66.0

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#17

Methyl tert-butyl Ether

Concen: 0.178 ug/L

RT: 2.712 min Scan# 520

Delta R.T. 0.006 min

Lab File: VV032441.D

Acq: 17 Oct 2023 13:29

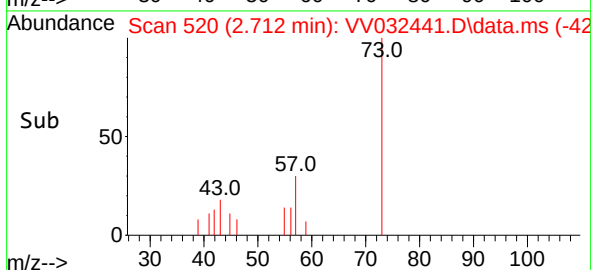
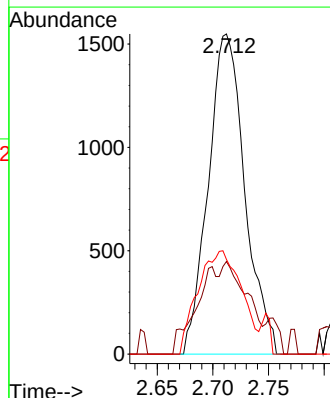
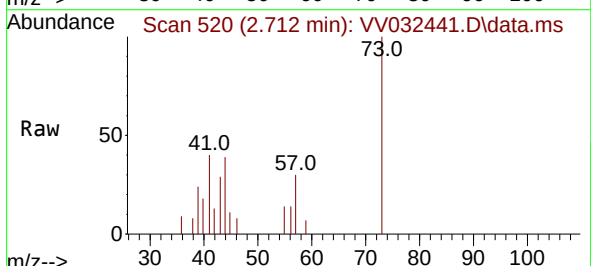
Tgt Ion: 73 Resp: 3537

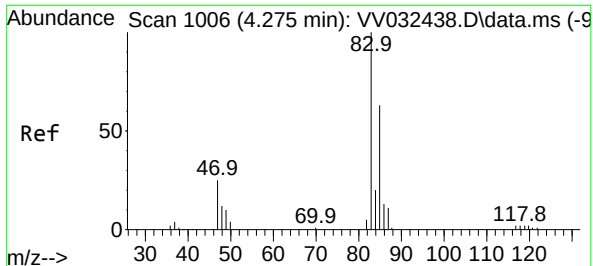
Ion Ratio Lower Upper

73 100

43 20.3 15.1 22.7

57 38.8 18.3 27.5#





#25

Chloroform

Concen: 5.475 ug/L

RT: 4.281 min Scan# 1006

Delta R.T. 0.006 min

Lab File: VV032441.D

Acq: 17 Oct 2023 13:29

Instrument :

MSVOA_V

ClientSampleId :

C0AF8

Tgt Ion: 83 Resp: 8466

Ion Ratio Lower Upper

83 100

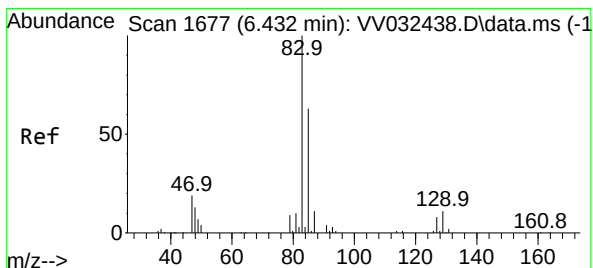
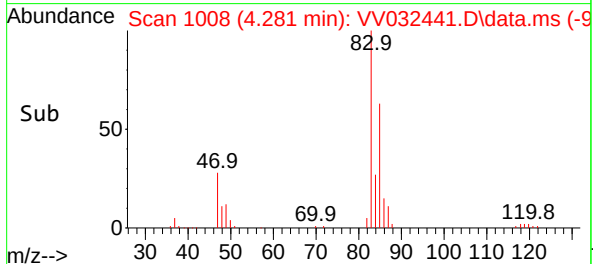
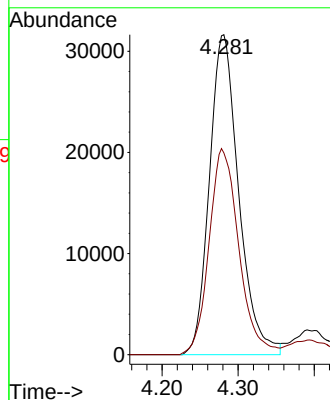
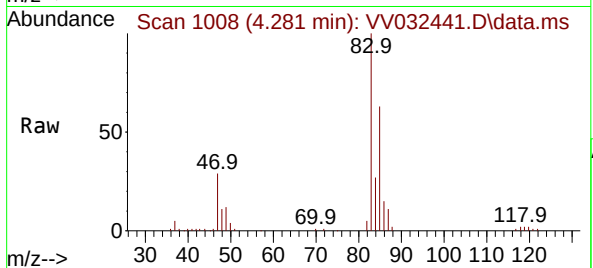
85 63.1 45.4 84.4

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#38

Bromodichloromethane

Concen: 5.424 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.003 min

Lab File: VV032441.D

Acq: 17 Oct 2023 13:29

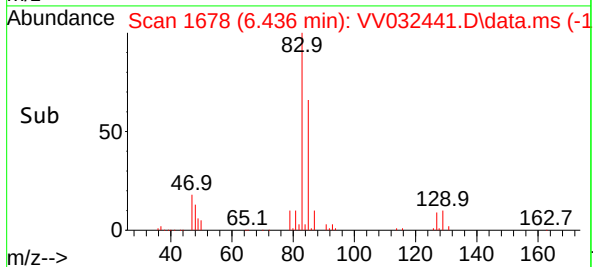
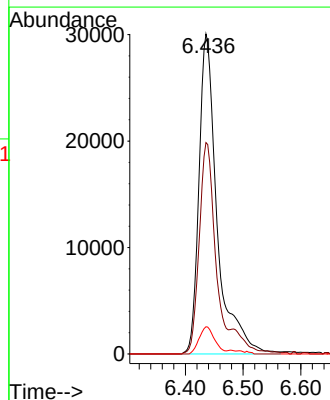
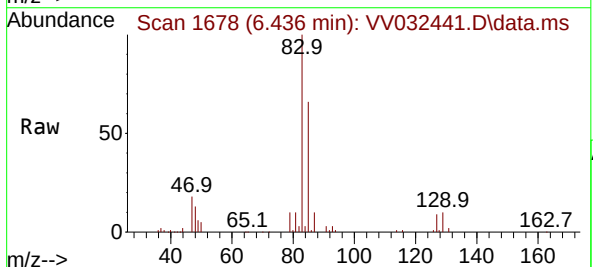
Tgt Ion: 83 Resp: 65898

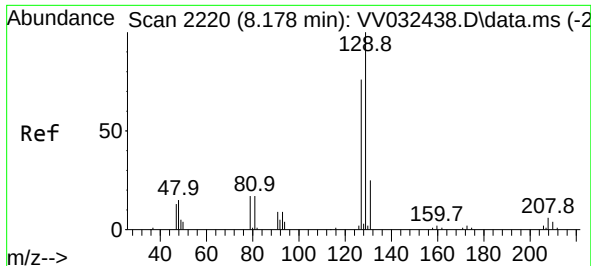
Ion Ratio Lower Upper

83 100

85 66.1 44.9 83.3

127 8.5 6.9 10.3





#49

Dibromochloromethane

Concen: 5.507 ug/L

RT: 8.181 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032441.D

Acq: 17 Oct 2023 13:29

Instrument :

MSVOA_V

ClientSampleId :

C0AF8

Tgt Ion:129 Resp: 4135

Ion Ratio Lower Upper

129 100

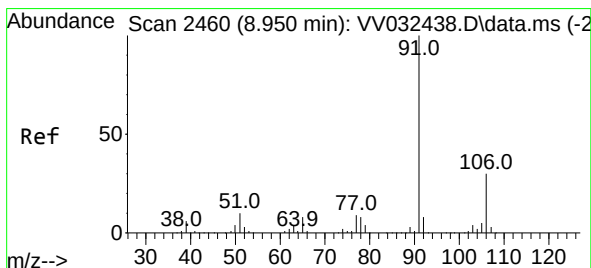
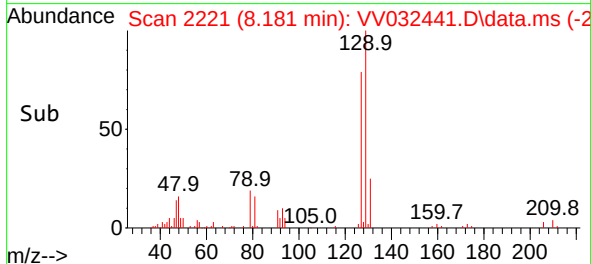
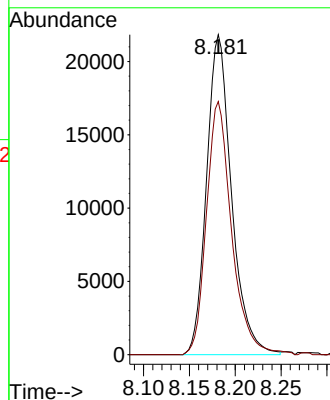
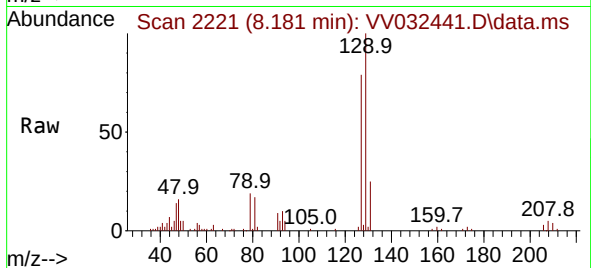
127 79.1 57.2 106.2

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#52

Ethylbenzene

Concen: 0.076 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.006 min

Lab File: VV032441.D

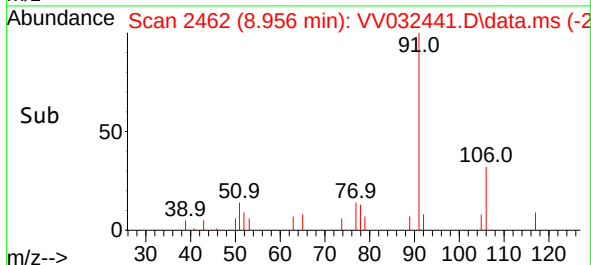
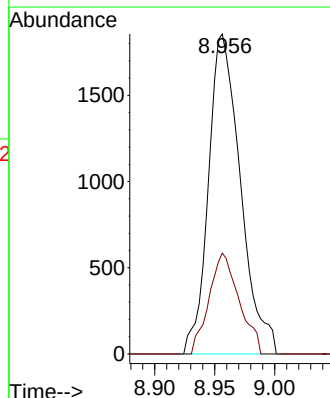
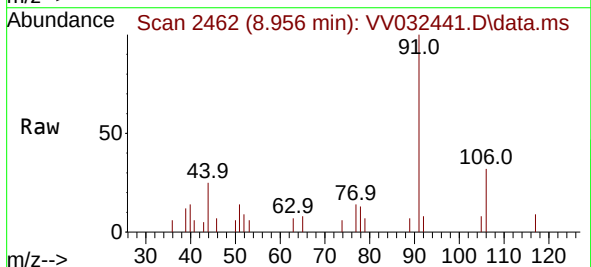
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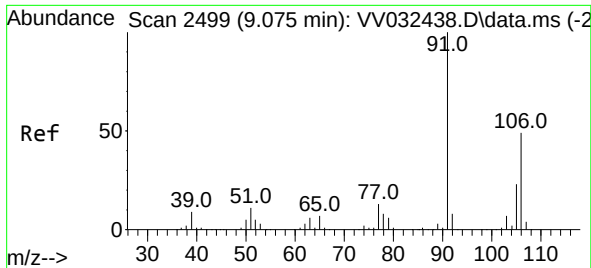
Tgt Ion: 91 Resp: 3443

Ion Ratio Lower Upper

91 100

106 31.5 21.3 39.5





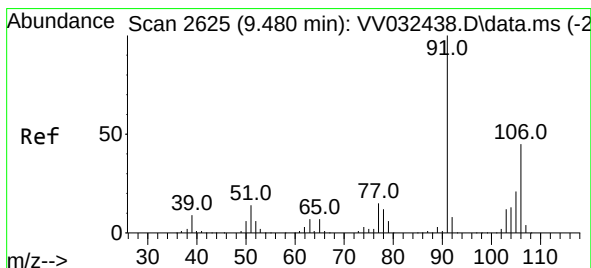
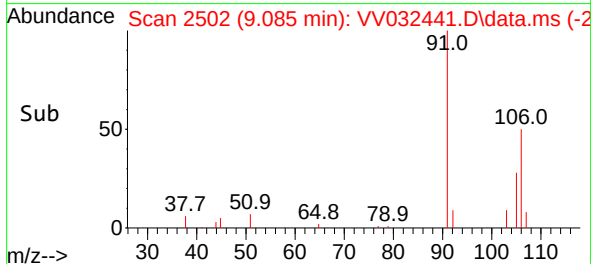
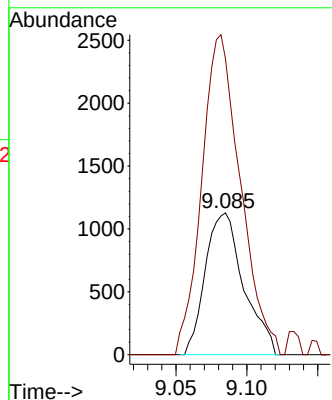
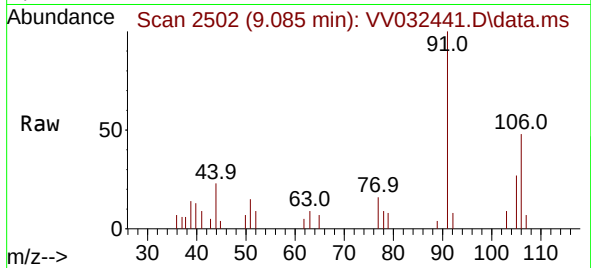
#53
m,p-Xylene
Concen: 0.126 ug/L
RT: 9.085 min Scan# 2128
Delta R.T. 0.010 min
Lab File: VV032441.D
Acq: 17 Oct 2023 13:29

Instrument :
MSVOA_V
ClientSampleId :
C0AF8

Tgt Ion:106 Resp: 2128
Ion Ratio Lower Upper
106 100
91 208.6 144.5 268.3

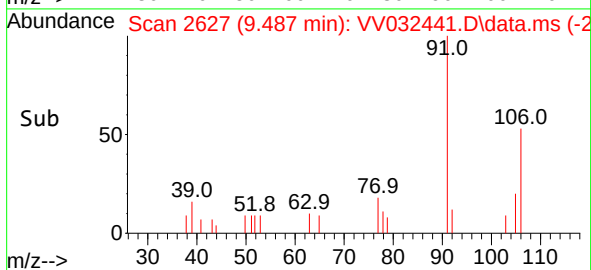
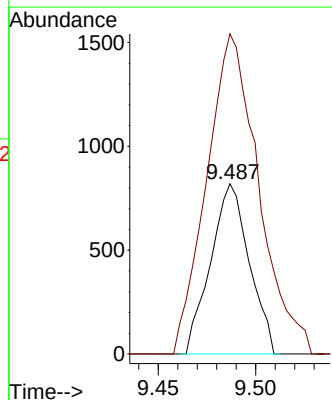
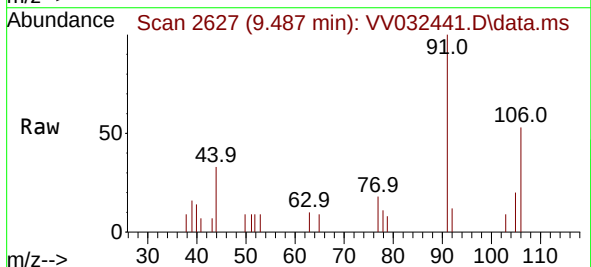
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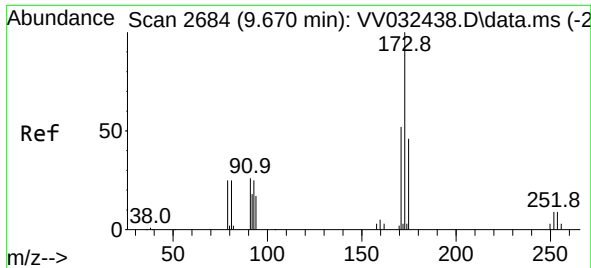
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#54
o-Xylene
Concen: 0.070 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.006 min
Lab File: VV032441.D
Acq: 17 Oct 2023 13:29

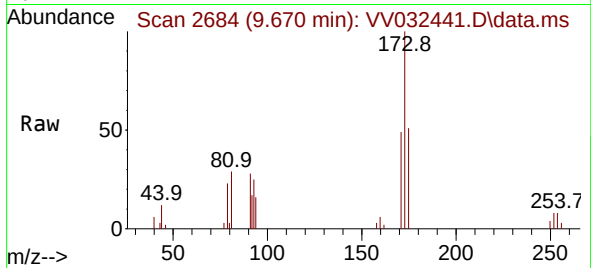
Tgt Ion:106 Resp: 1129
Ion Ratio Lower Upper
106 100
91 187.9 154.8 287.4





#59
Bromoform
Concen: 1.991 ug/L
RT: 9.670 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV032441.D
Acq: 17 Oct 2023 13:29

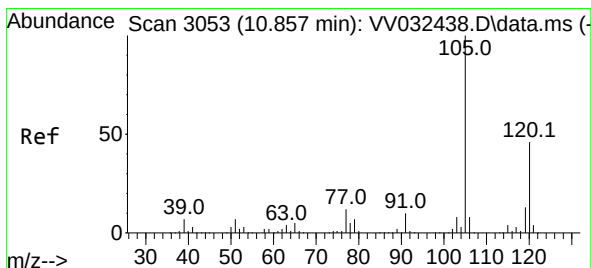
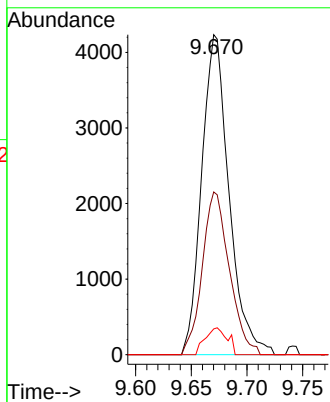
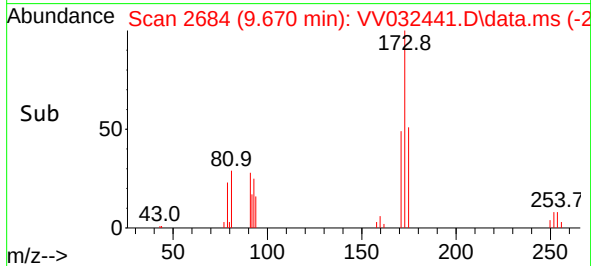
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MSVOA_V
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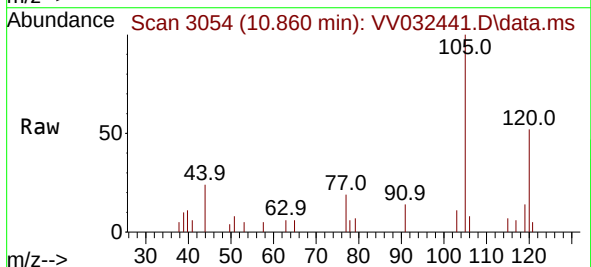
Tgt Ion:173 Resp: 7228
Ion Ratio Lower Upper
173 100
175 50.3 38.2 57.2
254 6.8 7.0 10.4

Manual Integrations
APPROVED

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#63
1,2,4-Trimethylbenzene
Concen: 0.126 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.003 min
Lab File: VV032441.D
Acq: 17 Oct 2023 13:29



Tgt Ion:105 Resp: 3962
Ion Ratio Lower Upper
105 100
120 46.0 36.2 54.4

