

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101723\
 Data File : VW032446.D
 Acq On : 17 Oct 2023 15:29
 Operator : SY/MD
 Sample : 04903-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE6

Manual Integrations
 APPROVED

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

Quant Time: Oct 18 06:05:06 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	107799	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	118287	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	58254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33968	3.874	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.400%	
7) Chloroethane-d5	1.535	69	31940	4.488	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.800%	
11) 1,1-Dichloroethene-d2	2.060	65	13978	3.780	ug/L	0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.600%	
20) 2-Butanone-d5	3.805	46	120199	54.197	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.400%	
24) Chloroform-d	4.256	84	68606	4.436	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
26) 1,2-Dichloroethane-d4	4.947	65	34206	4.669	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
32) Benzene-d6	4.966	84	123992	3.562	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	71.200%	
36) 1,2-Dichloropropane-d6	5.995	67	43098	3.737	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	74.800%	
41) Toluene-d8	7.249	98	109412	3.438	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.800%#	
43) trans-1,3-Dichloroprop...	7.561	79	15430	3.776	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.600%	
46) 2-Hexanone-d5	8.030	63	99253	51.622	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.240%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	39603	4.910	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.200%	
66) 1,2-Dichlorobenzene-d4	11.564	152	46545	4.306	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.200%	
Target Compounds						
13) Acetone	2.133	43	18490	10.817	ug/L	98
14) Carbon disulfide	2.243	76	10142	0.367	ug/L	99
21) 2-Butanone	3.908	43	12024m	4.498	ug/L	
22) cis-1,2-Dichloroethene	3.825	96	2823	0.290	ug/L	91
47) Tetrachloroethene	7.915	164	1424	0.165	ug/L	92
52) Ethylbenzene	8.956	91	2722	0.055	ug/L	99
53) m,p-Xylene	9.079	106	3543	0.193	ug/L	90
63) 1,2,4-Trimethylbenzene	10.857	105	10956	0.298	ug/L	97

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

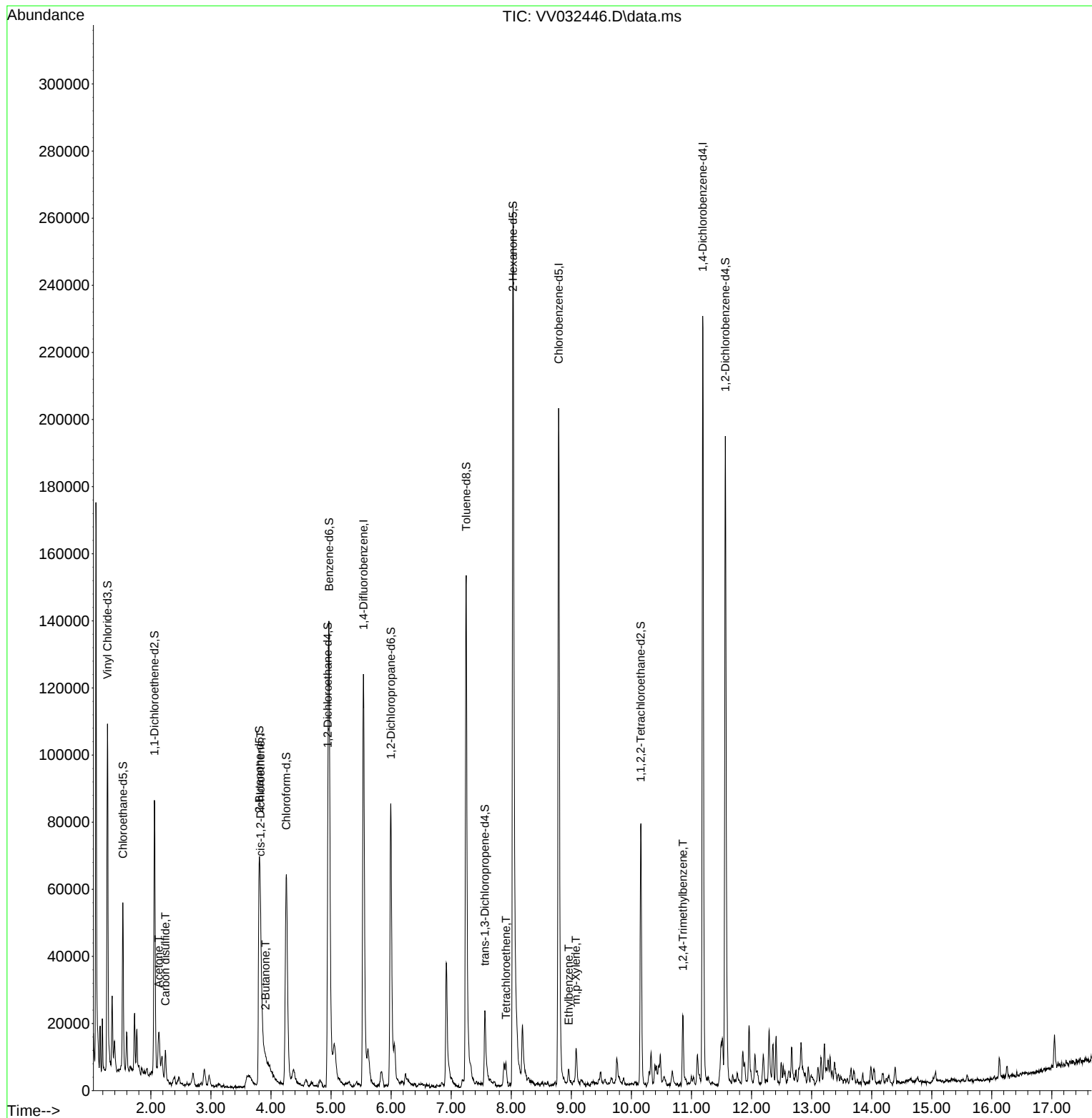
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101723\
Data File : VV032446.D
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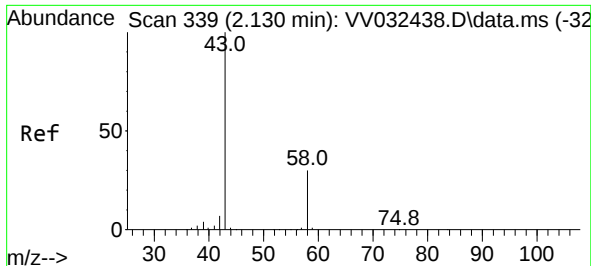
Instrument :
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#13

Acetone

Concen: 10.817 ug/L

RT: 2.133 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV032446.D

Acq: 17 Oct 2023 15:29

Instrument :

MSVOA_V

ClientSampleId :

C0AE6

Tgt Ion: 43 Resp: 18490

Ion Ratio Lower Upper

43 100

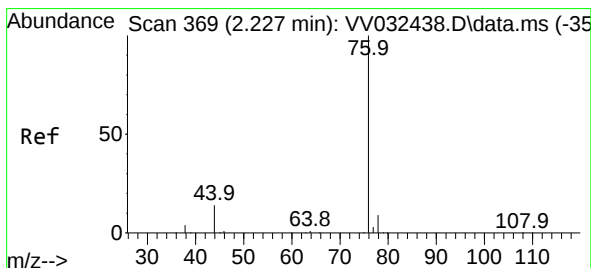
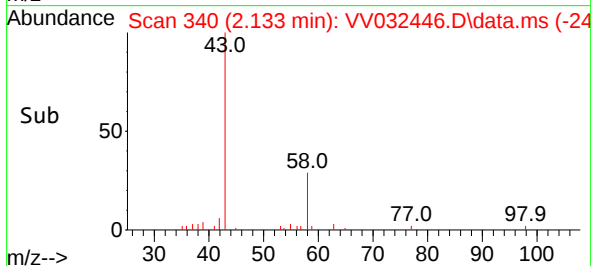
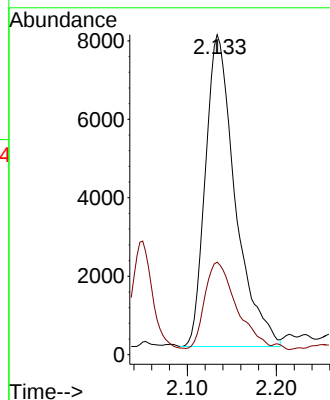
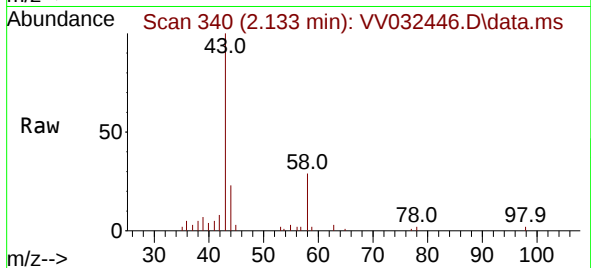
58 34.1 0.0 66.0

Manual Integrations

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#14

Carbon disulfide

Concen: 0.367 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.016 min

Lab File: VV032446.D

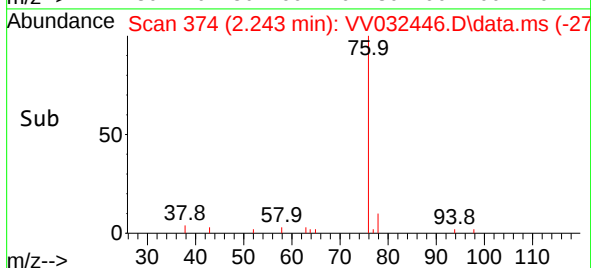
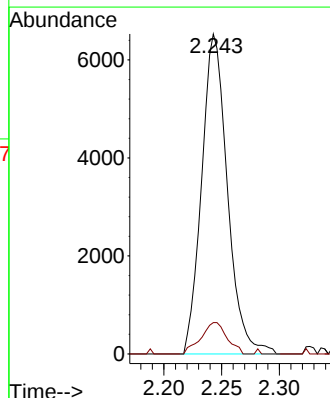
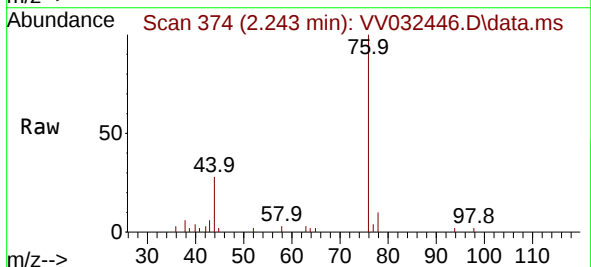
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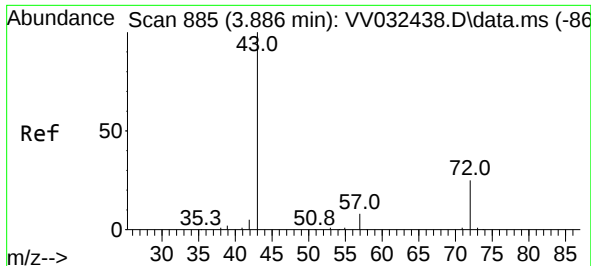
Tgt Ion: 76 Resp: 10142

Ion Ratio Lower Upper

76 100

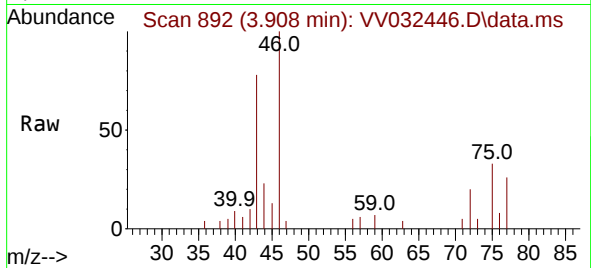
78 9.8 7.4 11.2





#21
2-Butanone
Concen: 4.498 ug/L m
RT: 3.908 min Scan# 892
Delta R.T. 0.022 min
Lab File: VV032446.D
Acq: 17 Oct 2023 15:29

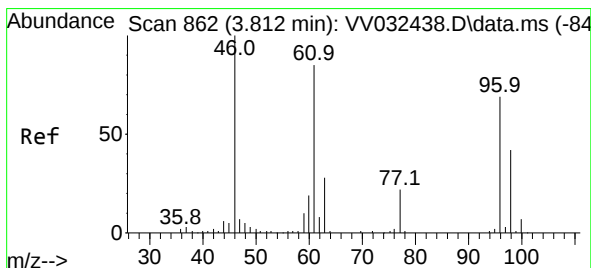
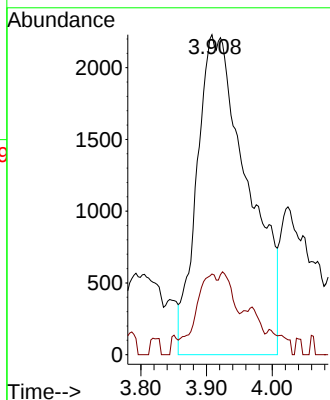
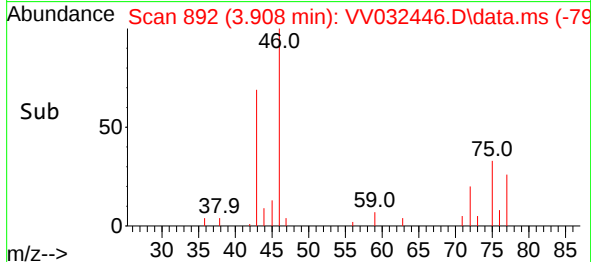
Instrument :
MSVOA_V
ClientSampleId :
C0AE6



Tgt Ion: 43 Resp: 12024
Ion Ratio Lower Upper
43 100
72 7.2 11.6 34.8

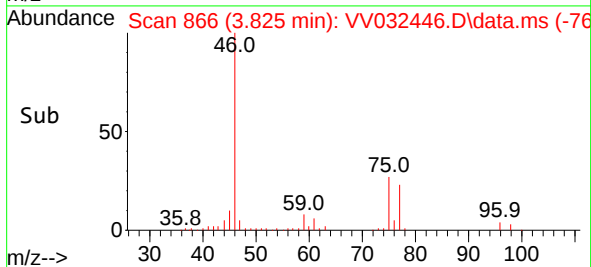
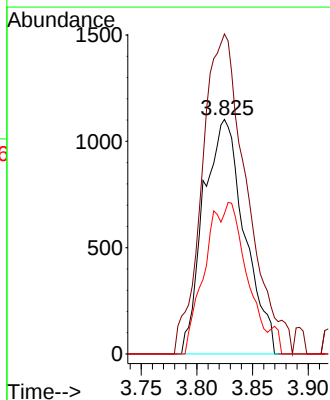
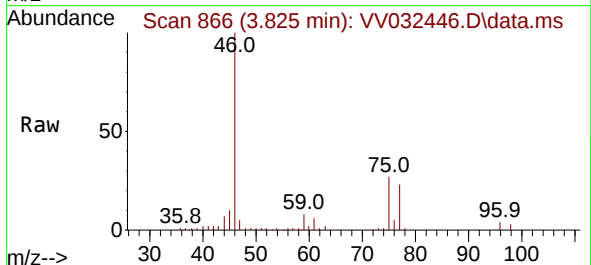
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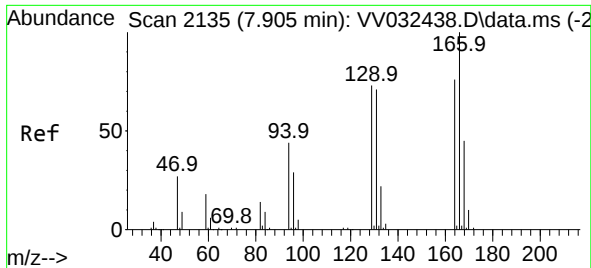
Reviewed By :John Carlone 10/18/2023
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#22
cis-1,2-Dichloroethene
Concen: 0.290 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.013 min
Lab File: VV032446.D
Acq: 17 Oct 2023 15:29

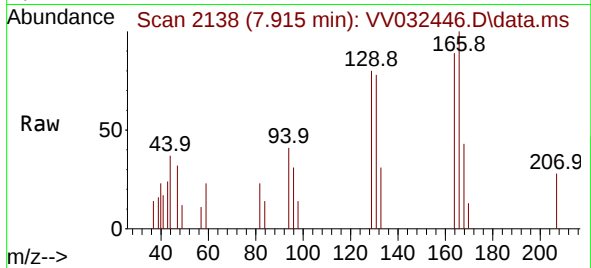
Tgt Ion: 96 Resp: 2823
Ion Ratio Lower Upper
96 100
61 136.4 85.8 159.4
98 59.8 44.0 81.6





#47
Tetrachloroethene
Concen: 0.165 ug/L
RT: 7.915 min Scan# 2135
Delta R.T. 0.010 min
Lab File: VV032446.D
Acq: 17 Oct 2023 15:29

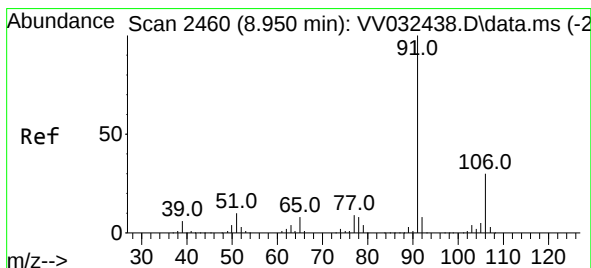
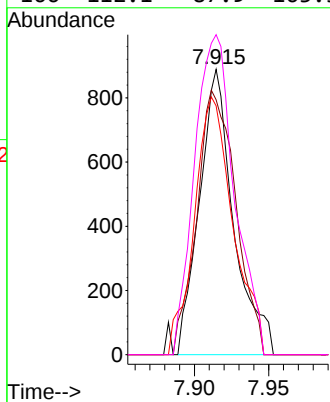
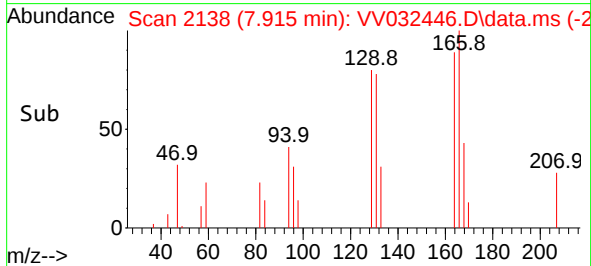
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Tgt Ion:164	Resp:	142	
Ion	Ratio	Lower	Upper
164	100		
129	89.3	66.4	123.4
131	87.2	63.7	118.3
166	112.1	87.9	163.3

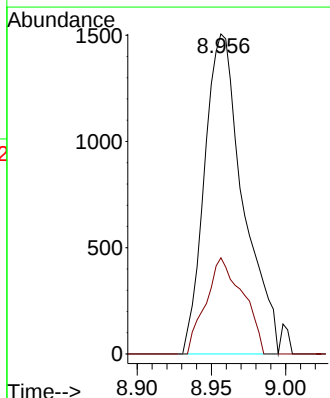
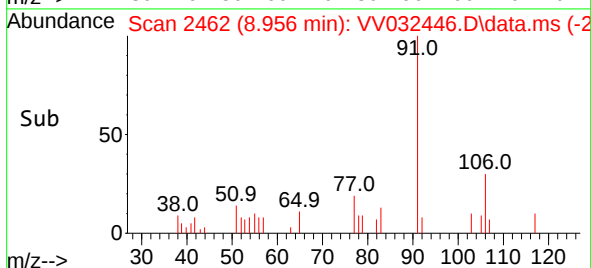
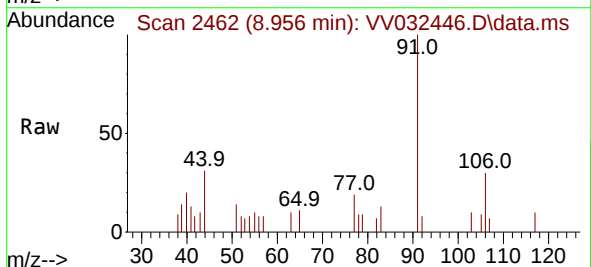
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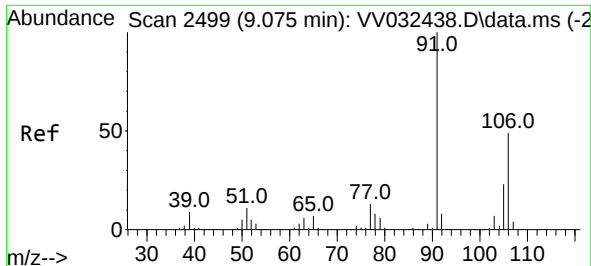
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#52
Ethylbenzene
Concen: 0.055 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.006 min
Lab File: VV032446.D
Acq: 17 Oct 2023 15:29

Tgt Ion: 91	Resp: 2722
Ion Ratio	Lower Upper
91 100	
106 30.1	21.3 39.5





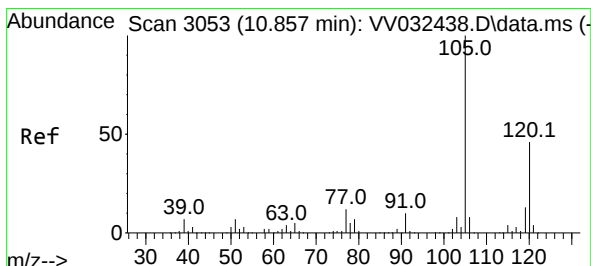
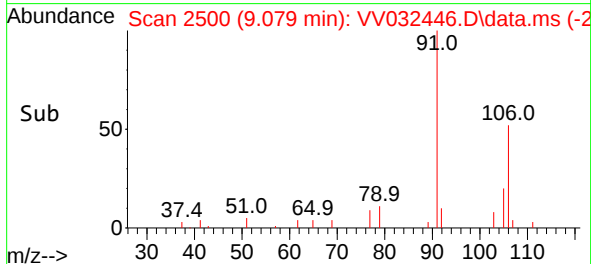
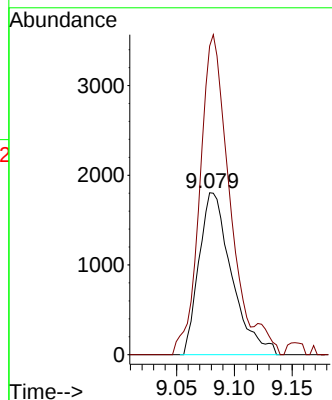
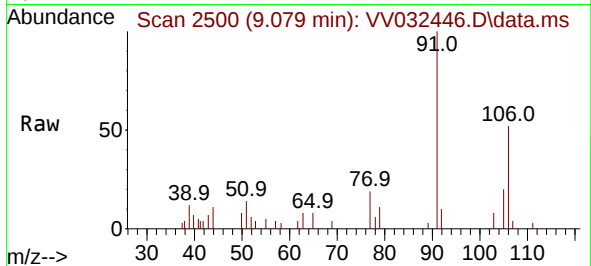
#53
m,p-Xylene
Concen: 0.193 ug/L
RT: 9.079 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV032446.D
Acq: 17 Oct 2023 15:29

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:106 Resp: 354
Ion Ratio Lower Upper
106 100
91 190.6 144.5 268.3

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#63
1,2,4-Trimethylbenzene
Concen: 0.298 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. -0.000 min
Lab File: VV032446.D
Acq: 17 Oct 2023 15:29

Tgt Ion:105 Resp: 10956
Ion Ratio Lower Upper
105 100
120 47.0 36.2 54.4

