

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101823\
 Data File : VW032464.D
 Acq On : 18 Oct 2023 12:18
 Operator : SY/MD
 Sample : 04903-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE7

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/19/2023
 Supervised By : Mahesh Dadoda 10/20/2023

Quant Time: Oct 19 04:28:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 19 04:26:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.667	114	103230	5.000	ug/L	0.13
28) Chlorobenzene-d5	8.847	117	110831	5.000	ug/L	0.06
58) 1,4-Dichlorobenzene-d4	11.207	152	55268	5.000	ug/L	0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	51835	6.174	ug/L	0.04
Spiked Amount	5.000	Range 40 - 130	Recovery	=	123.400%	
7) Chloroethane-d5	1.645	69	42017	6.165	ug/L	0.11
Spiked Amount	5.000	Range 65 - 130	Recovery	=	123.400%	
11) 1,1-Dichloroethene-d2	2.265	65	21681	6.123	ug/L	0.21
Spiked Amount	5.000	Range 60 - 125	Recovery	=	122.400%	
20) 2-Butanone-d5	4.146	46	92182m	43.404	ug/L	0.34
Spiked Amount	50.000	Range 40 - 130	Recovery	=	86.800%	
24) Chloroform-d	4.484	84	82561	5.574	ug/L	0.23
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.400%	
26) 1,2-Dichloroethane-d4	5.120	65	46733	6.661	ug/L	0.18
Spiked Amount	5.000	Range 70 - 130	Recovery	=	133.200%#	
32) Benzene-d6	5.124	84	160220	4.913	ug/L	0.16
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
36) 1,2-Dichloropropane-d6	6.217	67	44406	4.110	ug/L	0.23
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.200%	
41) Toluene-d8	7.371	98	112062	3.758	ug/L	0.13
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.200%	
43) trans-1,3-Dichloroprop...	7.661	79	14059	3.672	ug/L	0.10
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.400%	
46) 2-Hexanone-d5	8.117	63	86513m	48.023	ug/L	0.09
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.040%	
56) 1,1,2,2-Tetrachloroeth...	10.185	84	35319	4.673	ug/L	0.03
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.400%	
66) 1,2-Dichlorobenzene-d4	11.577	152	50740	4.947	ug/L	0.01
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.000%	
Target Compounds					Qvalue	
13) Acetone	2.439	43	37053m	22.636	ug/L	
14) Carbon disulfide	2.458	76	19666	0.743	ug/L	99
47) Tetrachloroethene	7.998	164	5222	0.646	ug/L	95
52) Ethylbenzene	9.008	91	3896	0.084	ug/L	99
53) m,p-Xylene	9.130	106	5807	0.338	ug/L	92
54) o-Xylene	9.522	106	2680m	0.162	ug/L	
63) 1,2,4-Trimethylbenzene	10.879	105	8883	0.255	ug/L	91

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

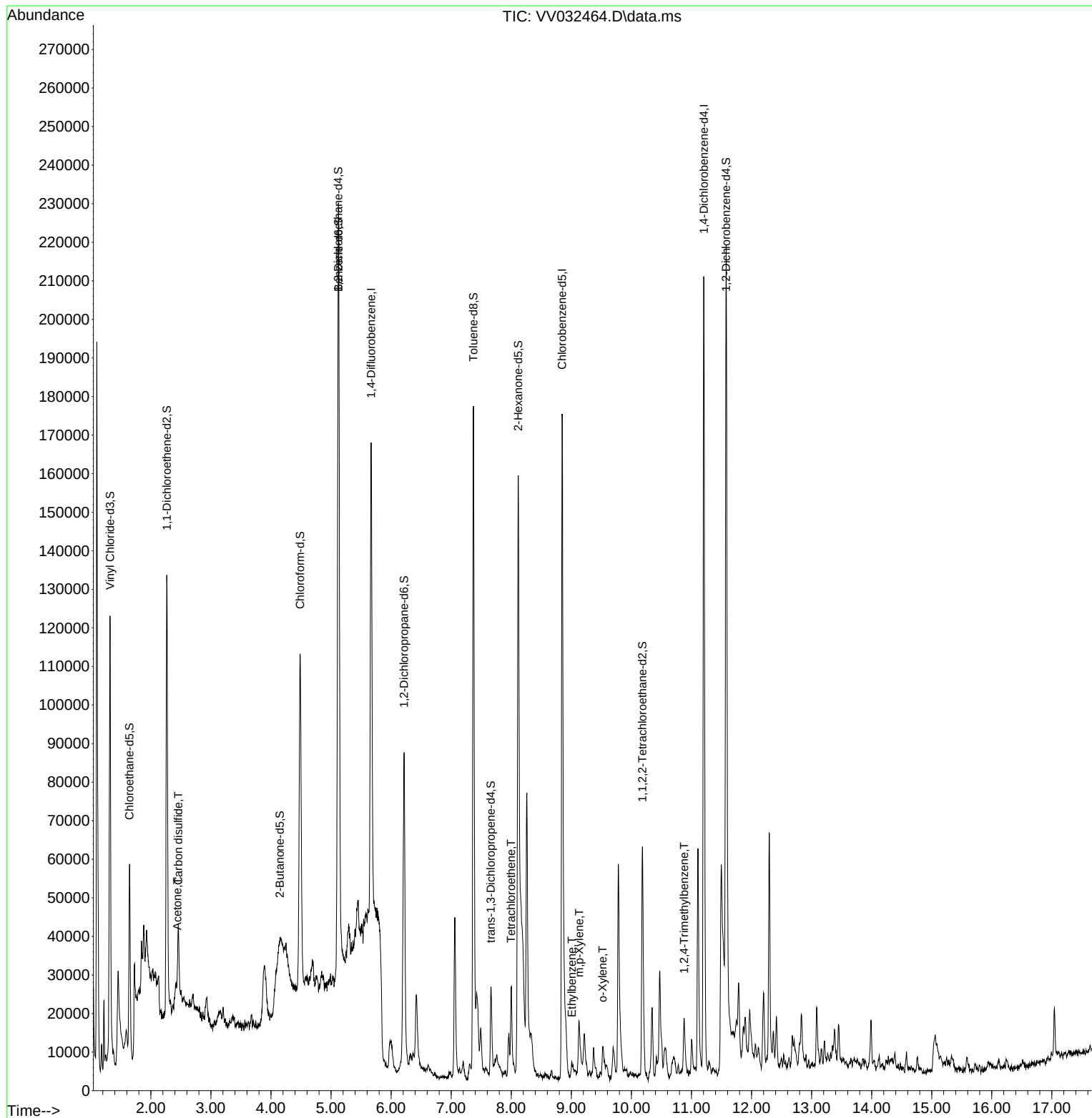
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101823\
Data File : VV032464.D
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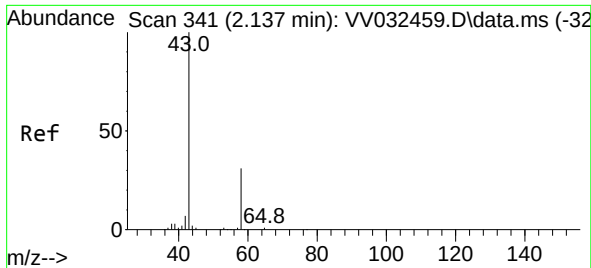
Instrument :
MSVOA_V
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Quant Time: Oct 19 04:28:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
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#13

Acetone

Concen: 22.636 ug/L m

RT: 2.439 min Scan# 41

Delta R.T. 0.302 min

Lab File: VV032464.D

Acq: 18 Oct 2023 12:18

Instrument :

MSVOA_V

ClientSampleId :

C0AE7

Tgt Ion: 43 Resp: 3705

Ion Ratio Lower Upper

43 100

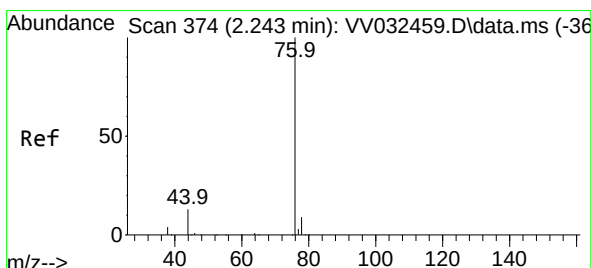
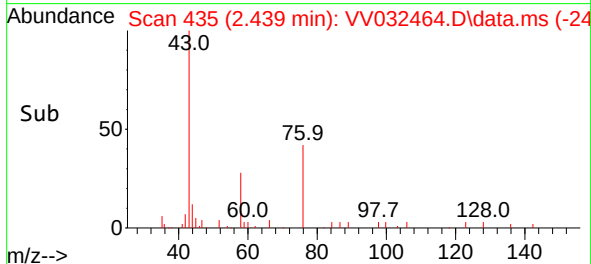
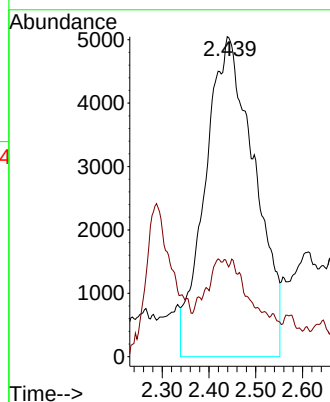
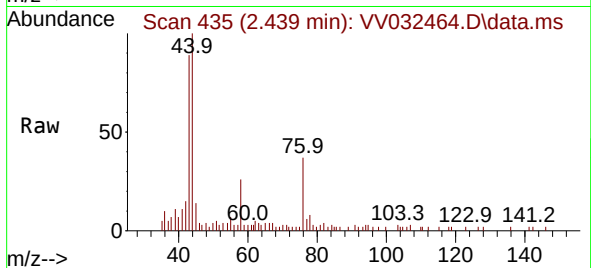
58 1.0 0.0 66.0

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#14

Carbon disulfide

Concen: 0.743 ug/L

RT: 2.458 min Scan# 441

Delta R.T. 0.215 min

Lab File: VV032464.D

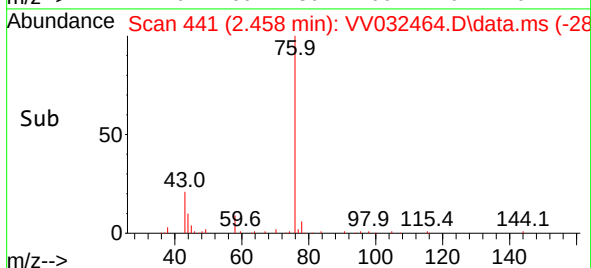
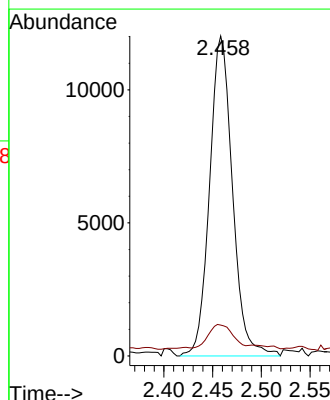
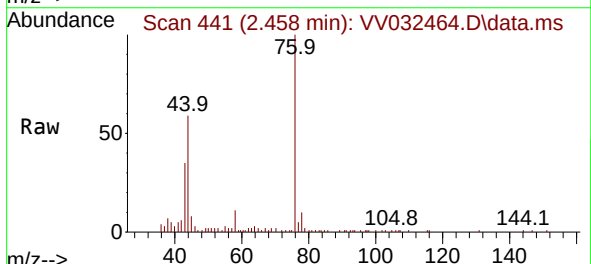
Acq: 18 Oct 2023 12:18

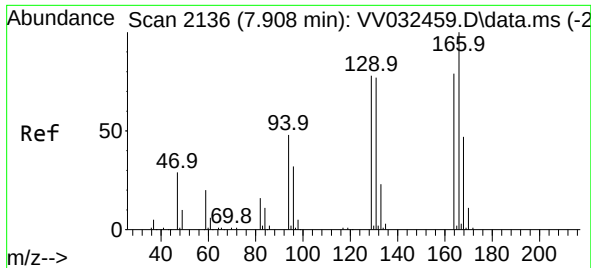
Tgt Ion: 76 Resp: 19666

Ion Ratio Lower Upper

76 100

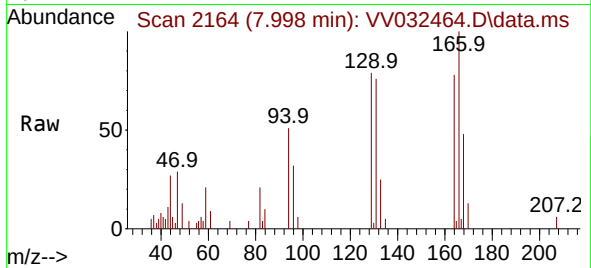
78 9.6 7.4 11.2





#47
Tetrachloroethene
Concen: 0.646 ug/L
RT: 7.998 min Scan# 2136
Delta R.T. 0.090 min
Lab File: VV032464.D
Acq: 18 Oct 2023 12:18

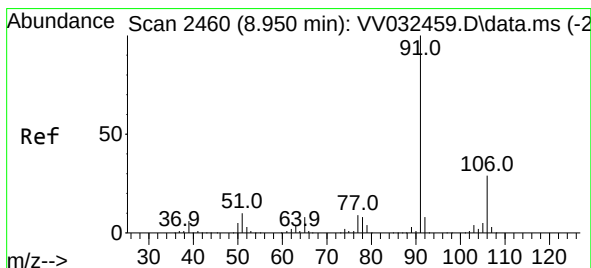
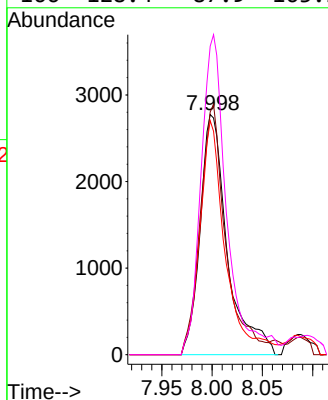
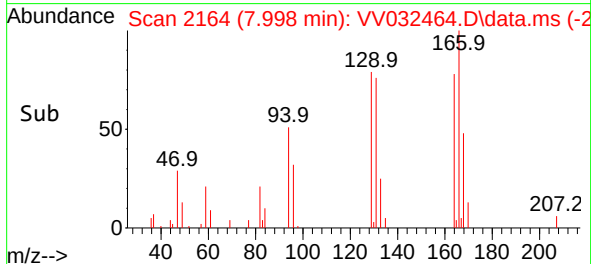
Instrument :
MSVOA_V
ClientSampleId :
C0AE7



Tgt Ion:164 Resp: 522
Ion Ratio Lower Upper
164 100
129 101.1 66.4 123.4
131 97.4 63.7 118.3
166 128.4 87.9 163.3

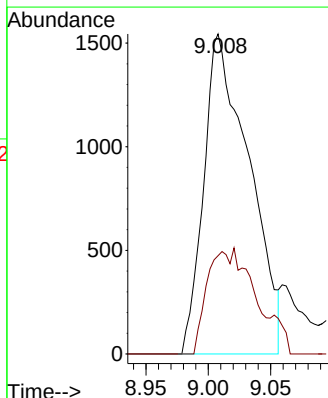
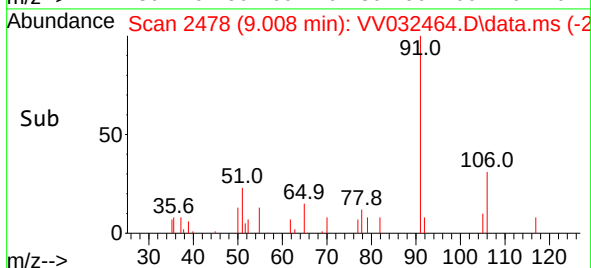
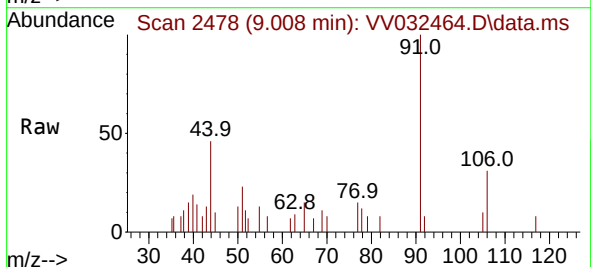
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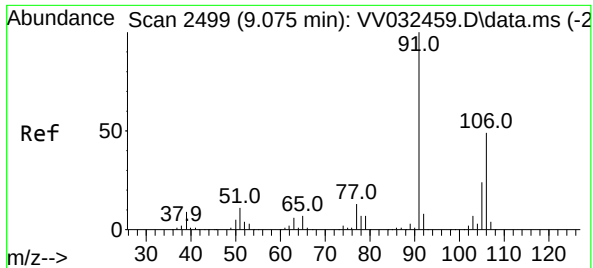
Reviewed By :John Carlone 10/19/2023
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#52
Ethylbenzene
Concen: 0.084 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.058 min
Lab File: VV032464.D
Acq: 18 Oct 2023 12:18

Tgt Ion: 91 Resp: 3896
Ion Ratio Lower Upper
91 100
106 30.7 21.3 39.5





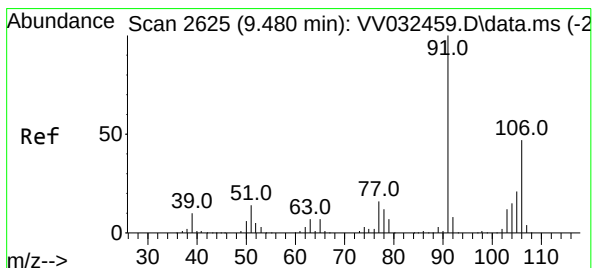
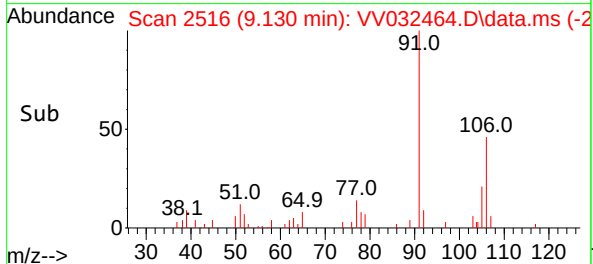
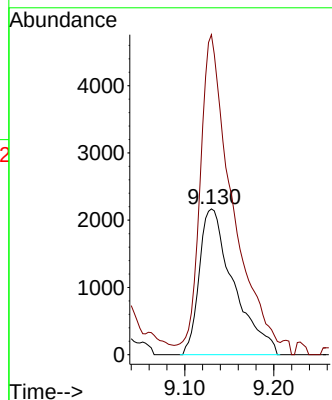
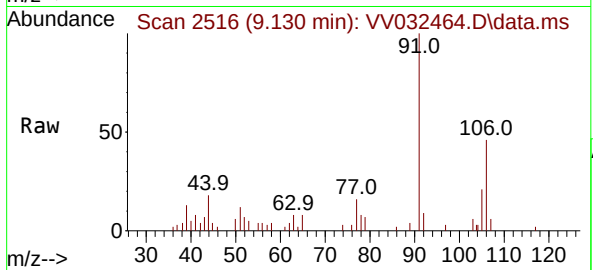
#53
m,p-Xylene
Concen: 0.338 ug/L
RT: 9.130 min Scan# 21
Delta R.T. 0.055 min
Lab File: VV032464.D
Acq: 18 Oct 2023 12:18

Instrument :
MSVOA_V
ClientSampleId :
C0AE7

Tgt Ion:106 Resp: 580
Ion Ratio Lower Upper
106 100
91 219.5 144.5 268.3

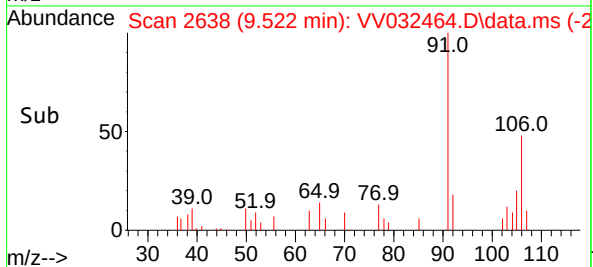
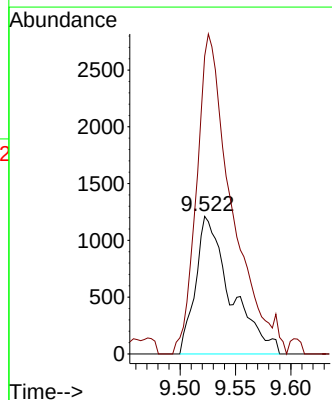
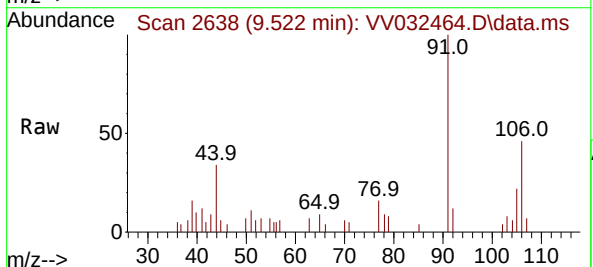
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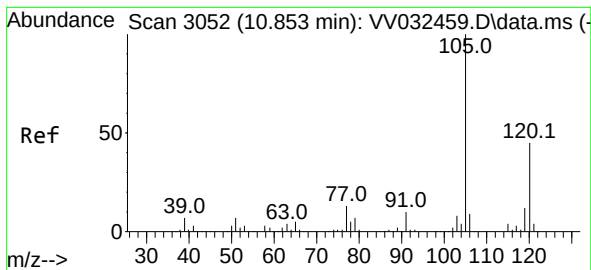
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#54
o-Xylene
Concen: 0.162 ug/L m
RT: 9.522 min Scan# 2638
Delta R.T. 0.042 min
Lab File: VV032464.D
Acq: 18 Oct 2023 12:18

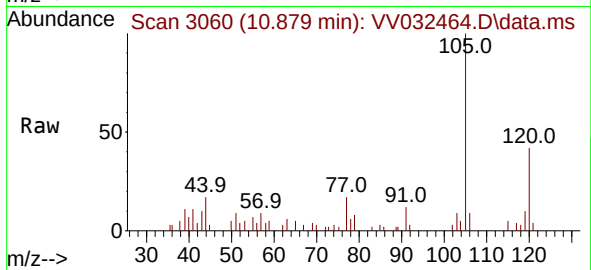
Tgt Ion:106 Resp: 2680
Ion Ratio Lower Upper
106 100
91 216.4 154.8 287.4





#63
 1,2,4-Trimethylbenzene
 Concen: 0.255 ug/L
 RT: 10.879 min Scan# 3060
 Delta R.T. 0.026 min
 Lab File: VV032464.D
 Acq: 18 Oct 2023 12:18

Instrument : MSVOA_V
 ClientSampleId : C0AE7



Tgt Ion:105 Resp: 888
 Ion Ratio Lower Upper
 105 100
 120 39.5 36.2 54.4

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