

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020824\
 Data File : VV034067.D
 Acq On : 08 Feb 2024 18:33
 Operator : SY/MD
 Sample : P1400-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAH0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/09/2024
 Supervised By :Mahesh Dadoda 02/09/2024

Quant Time: Feb 09 00:45:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 00:39:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	98736	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	88459	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	43454	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22408m	2.930	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	58.600%	
7) Chloroethane-d5	1.516	69	15358m	2.293	ug/L	-0.02
Spiked Amount	5.000	Range 65 - 130	Recovery	=	45.800%#	
11) 1,1-Dichloroethene-d2	1.998	65	7587	2.057	ug/L	-0.06
Spiked Amount	5.000	Range 60 - 125	Recovery	=	41.200%#	
20) 2-Butanone-d5	3.895	46	62989m	49.047	ug/L	0.07
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.100%	
24) Chloroform-d	4.243	84	53966	3.884	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.600%	
26) 1,2-Dichloroethane-d4	4.940	65	28212	4.345	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.800%	
32) Benzene-d6	4.937	84	111453	4.199	ug/L	-0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.000%	
36) 1,2-Dichloropropane-d6	5.989	67	31415	4.235	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.600%	
41) Toluene-d8	7.239	98	101932	4.179	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.600%	
43) trans-1,3-Dichloroprop...	7.564	79	11614	4.146	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.000%	
46) 2-Hexanone-d5	8.059	63	44174	44.174	ug/L	0.03
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.340%	
56) 1,1,2,2-Tetrachloroeth...	10.165	84	18273	4.063	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.200%	
66) 1,2-Dichlorobenzene-d4	11.564	152	32770	4.147	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.000%	
Target Compounds						
3) Chloromethane	1.217	50	6305	0.639	ug/L	98
6) Bromomethane	1.477	94	1627	0.328	ug/L	96
42) Toluene	7.323	91	5966	0.210	ug/L	92
51) Chlorobenzene	8.818	112	4619	0.258	ug/L	96
52) Ethylbenzene	8.956	91	3787	0.116	ug/L	94
53) m,p-Xylene	9.078	106	5061	0.410	ug/L	93
54) o-Xylene	9.484	106	5454	0.459	ug/L	98

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

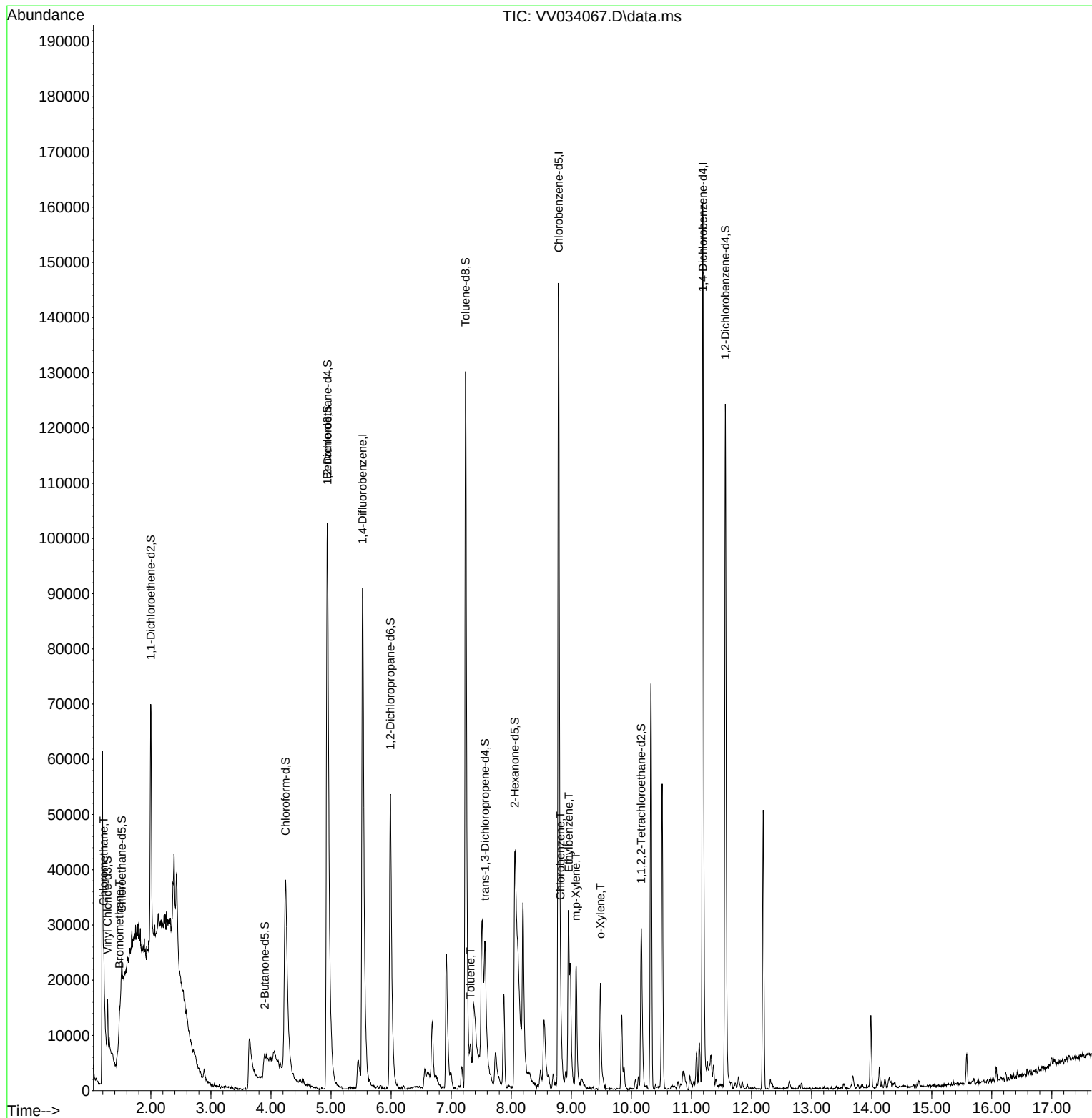
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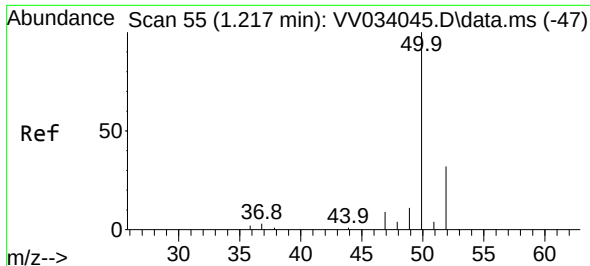
Instrument :
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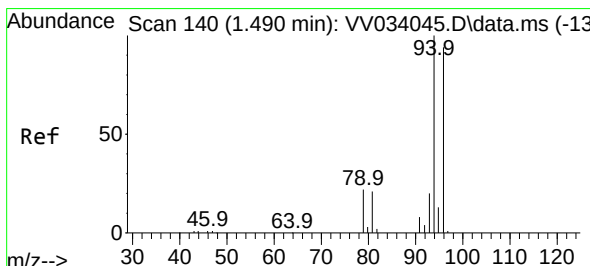
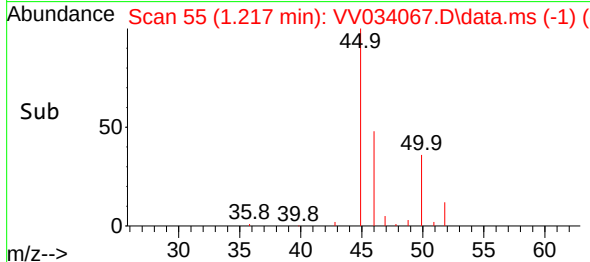
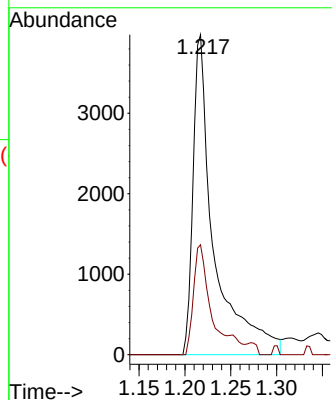
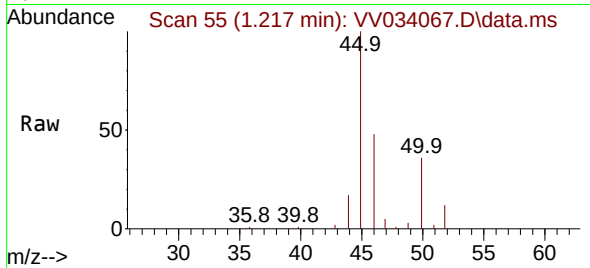
#3
Chloromethane
Concen: 0.639 ug/L
RT: 1.217 min Scan# 50
Delta R.T. -0.000 min
Lab File: VV034067.D
Acq: 08 Feb 2024 18:33

Instrument :
MSVOA_V
ClientSampleId :
COAH0

Tgt Ion: 50 Resp: 630
Ion Ratio Lower Upper
50 100
52 34.3 23.4 43.4

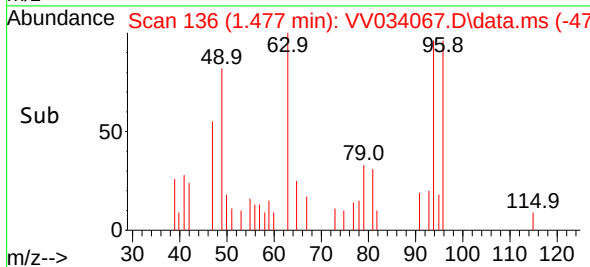
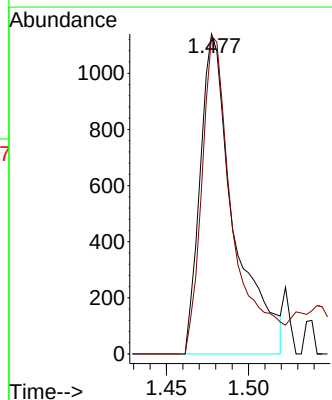
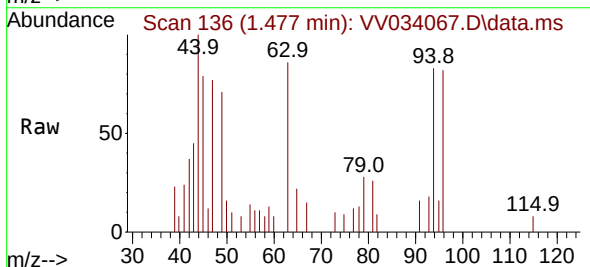
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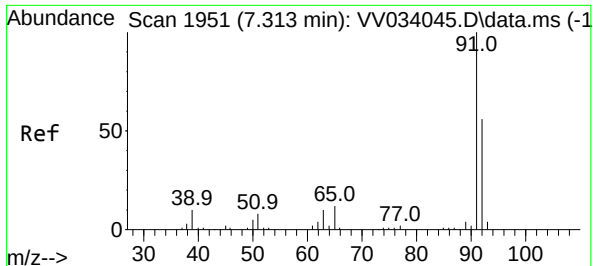
Reviewed By :Semsettin Yesilyurt 02/09/2024
Supervised By :Mahesh Dadoda 02/09/2024



#6
Bromomethane
Concen: 0.328 ug/L
RT: 1.477 min Scan# 136
Delta R.T. -0.013 min
Lab File: VV034067.D
Acq: 08 Feb 2024 18:33

Tgt Ion: 94 Resp: 1627
Ion Ratio Lower Upper
94 100
96 99.4 66.6 123.8





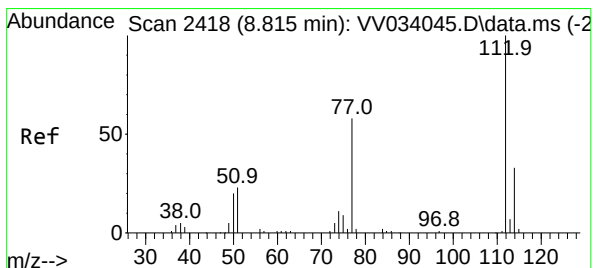
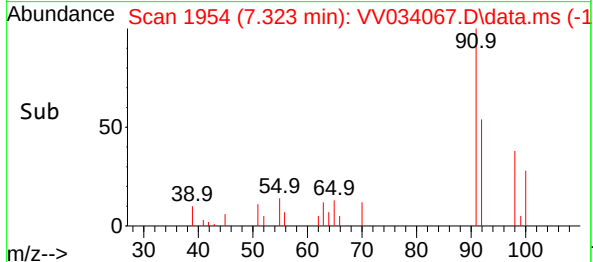
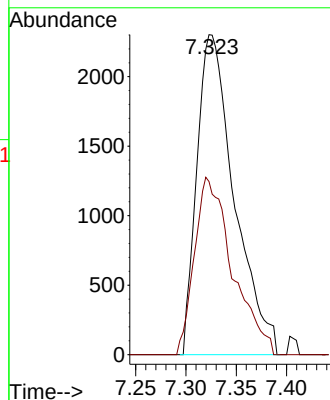
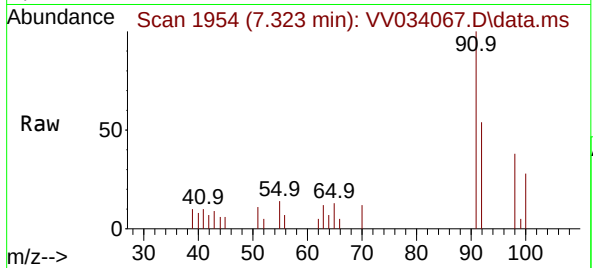
#42
Toluene
Concen: 0.210 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.010 min
Lab File: VV034067.D
Acq: 08 Feb 2024 18:33

Instrument :
MSVOA_V
ClientSampleId :
COAH0

Tgt Ion: 91 Resp: 596
Ion Ratio Lower Upper
91 100
92 54.1 42.1 78.3

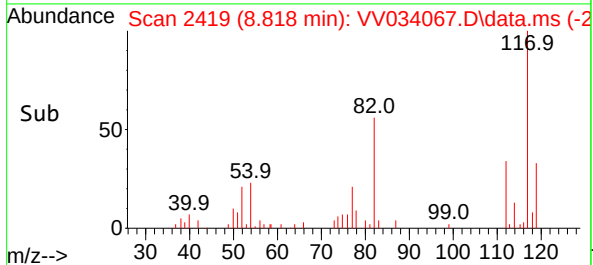
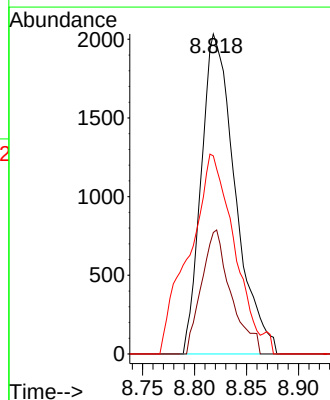
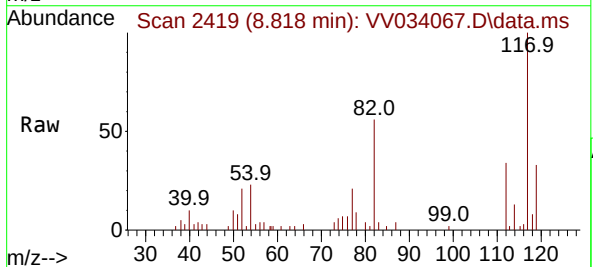
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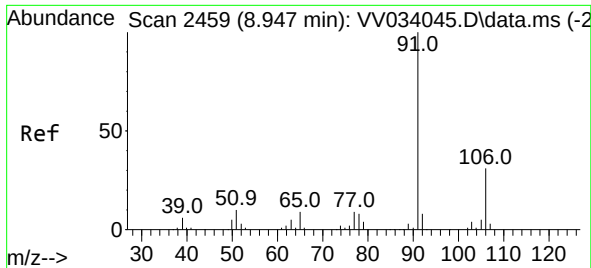
Reviewed By :Semsettin Yesilyurt 02/09/2024
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#51
Chlorobenzene
Concen: 0.258 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.003 min
Lab File: VV034067.D
Acq: 08 Feb 2024 18:33

Tgt Ion:112 Resp: 4619
Ion Ratio Lower Upper
112 100
114 36.1 22.5 41.7
77 58.8 48.1 72.1





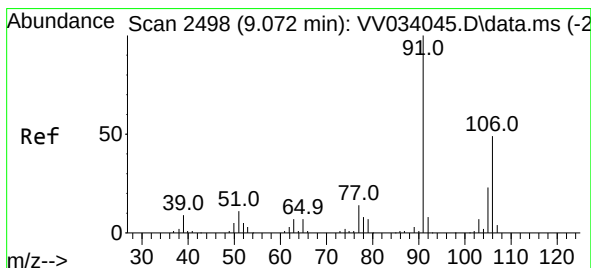
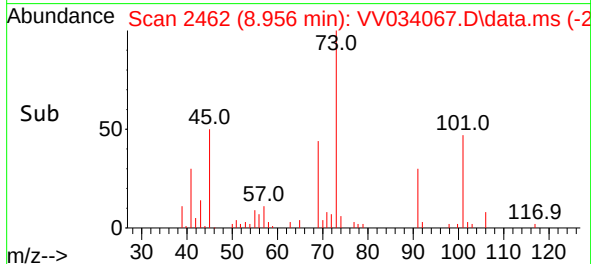
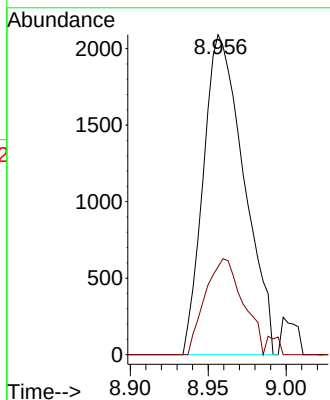
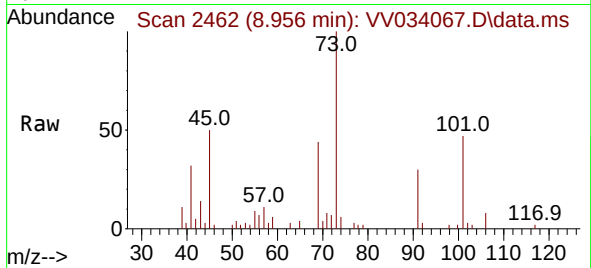
#52
Ethylbenzene
Concen: 0.116 ug/L
RT: 8.956 min Scan# 2459
Delta R.T. 0.010 min
Lab File: VV034067.D
Acq: 08 Feb 2024 18:33

Instrument :
MSVOA_V
ClientSampleId :
COAH0

Tgt Ion: 91 Resp: 378
Ion Ratio Lower Upper
91 100
106 27.5 21.4 39.8

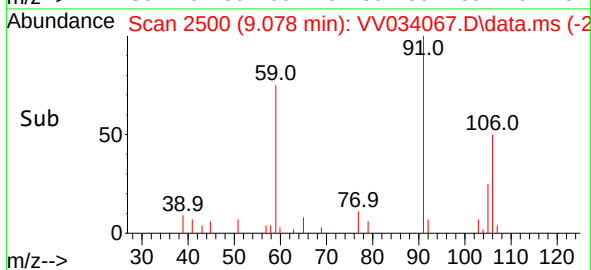
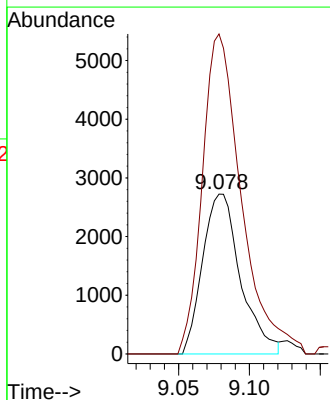
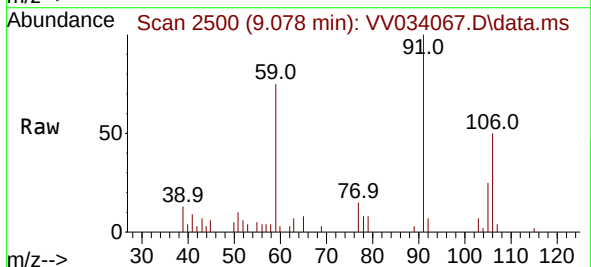
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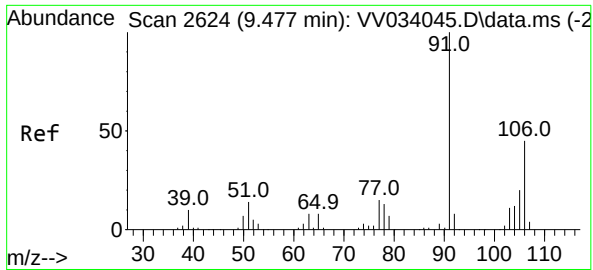
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#53
m,p-Xylene
Concen: 0.410 ug/L
RT: 9.078 min Scan# 2500
Delta R.T. 0.006 min
Lab File: VV034067.D
Acq: 08 Feb 2024 18:33

Tgt Ion:106 Resp: 5061
Ion Ratio Lower Upper
106 100
91 200.3 147.5 273.9





#54
o-Xylene
Concen: 0.459 ug/L
RT: 9.484 min Scan# 20
Delta R.T. 0.006 min
Lab File: VV034067.D
Acq: 08 Feb 2024 18:33

Instrument :
MSVOA_V
ClientSampleId :
COAH0

Tgt Ion:106 Resp: 5454
Ion Ratio Lower Upper
106 100
91 219.1 156.2 290.0

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