

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032923\
 Data File : VV030326.D
 Acq On : 29 Mar 2023 14:52
 Operator : SY/MD
 Sample : 02099-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA5

Quant Time: Mar 30 02:11:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 30 01:55:26 2023
 Response via : Initial Calibration

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

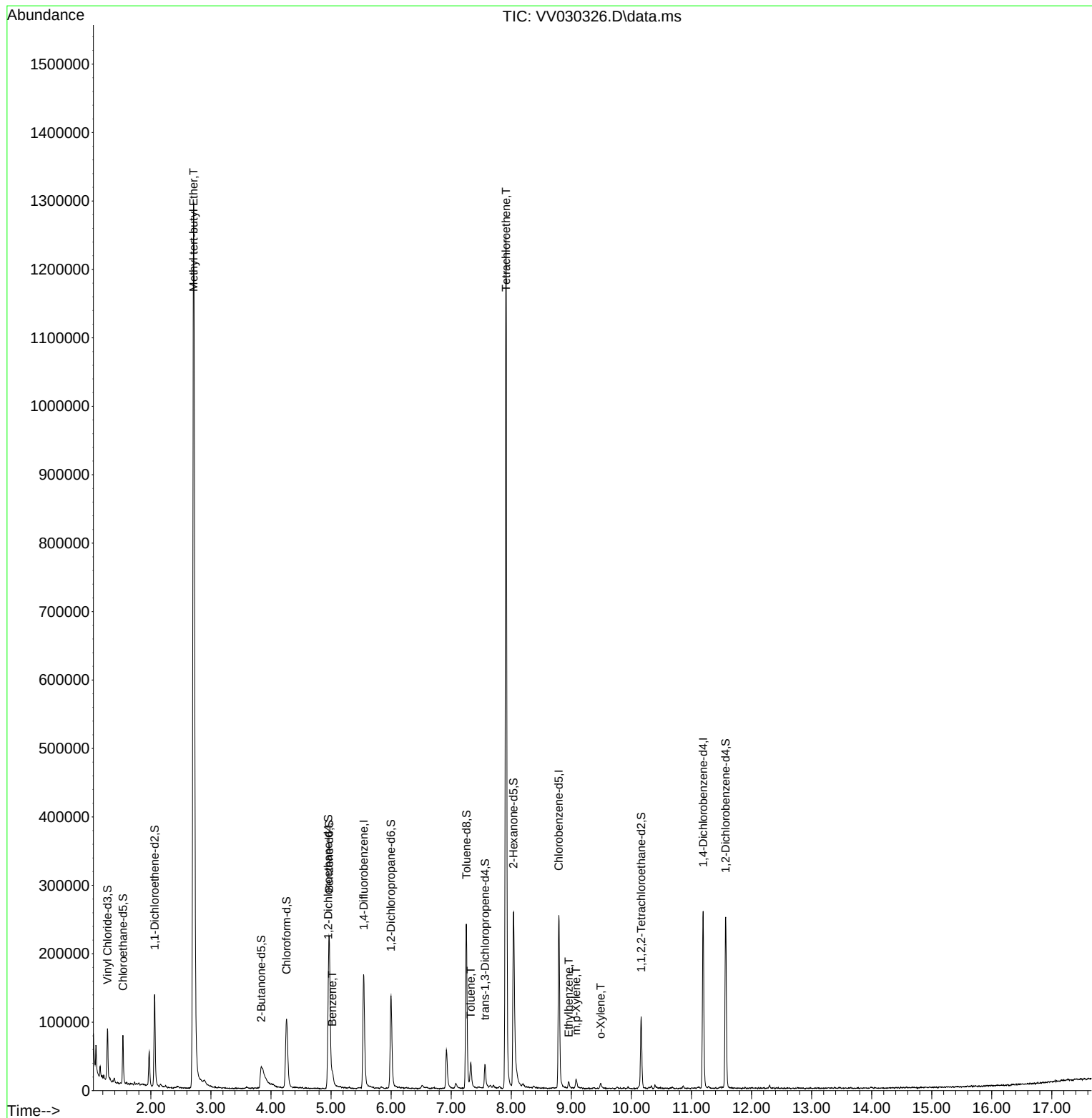
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	139246	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	140100	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	66667	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40158	4.354	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.536	69	43262	4.834	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.063	63	71706	3.277	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	3.838	46	104495	43.837	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.680%
24) Chloroform-d	4.259	84	111612	5.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	4.954	65	55859	5.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	4.970	84	194802	4.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	5.998	67	65024	5.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.252	98	162791	4.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.564	79	21314	4.580	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.037	63	103857	55.540	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.080%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	48463	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.571	152	64656	5.426	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	2.712	73	1323559	53.713	ug/L	99
33) Benzene	5.021	78	20453	0.411	ug/L	100
42) Toluene	7.326	91	25030	0.472	ug/L	99
47) Tetrachloroethene	7.912	164	279422	23.591	ug/L	96
52) Ethylbenzene	8.957	91	6265	0.108	ug/L	98
53) m,p-Xylene	9.082	106	2931	0.132	ug/L	92
54) o-Xylene	9.487	106	1885	0.089	ug/L	89

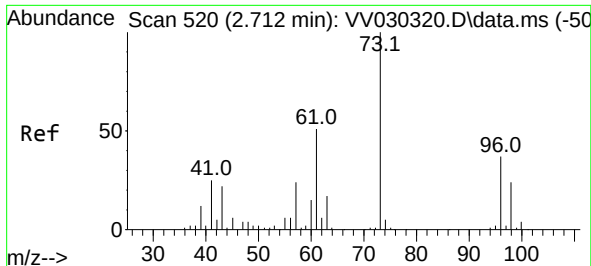
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





#17

Methyl tert-butyl Ether

Concen: 53.713 ug/L

RT: 2.712 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV030326.D

Acq: 29 Mar 2023 14:52

Instrument :

MSVOA_V

ClientSampleId :

H0AA5

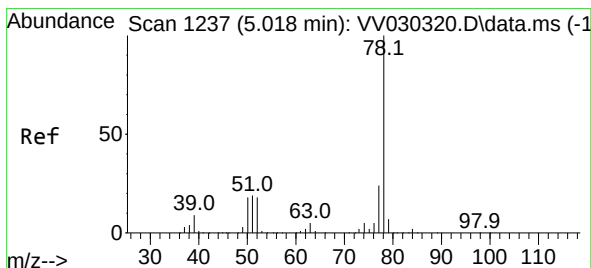
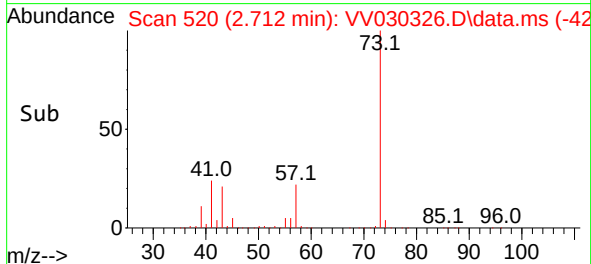
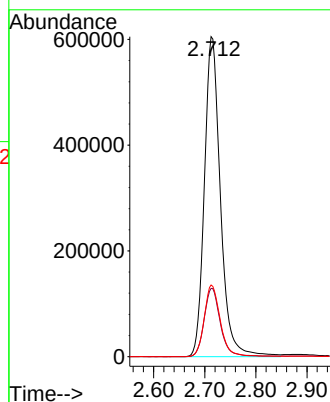
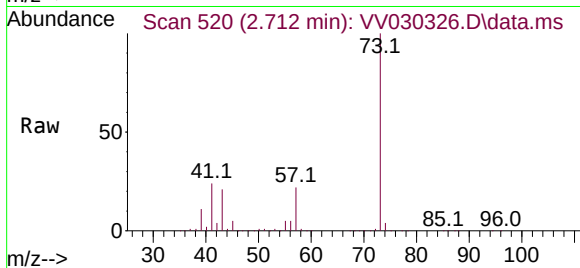
Tgt Ion: 73 Resp: 1323559

Ion Ratio Lower Upper

73 100

43 21.4 17.4 26.2

57 22.5 18.3 27.5



#33

Benzene

Concen: 0.411 ug/L

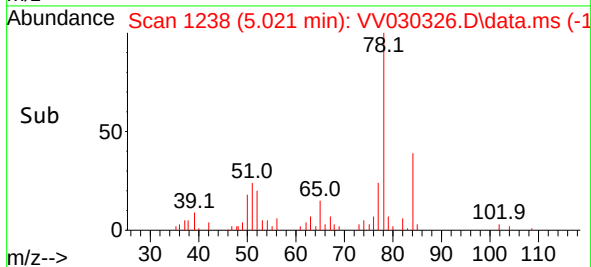
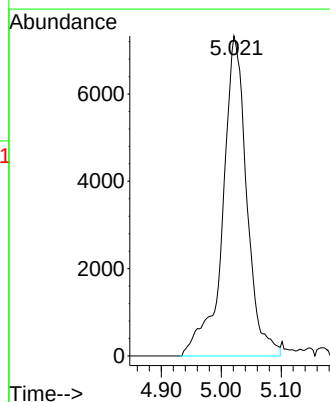
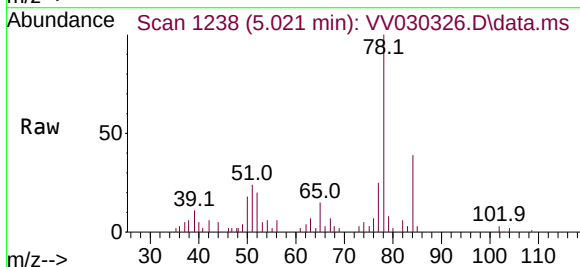
RT: 5.021 min Scan# 1238

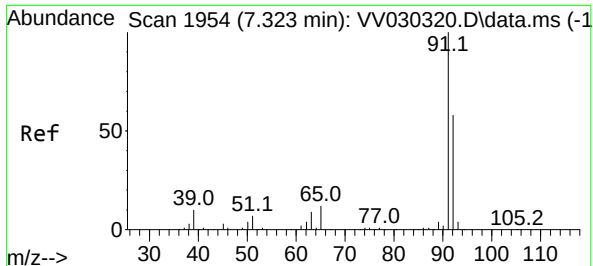
Delta R.T. 0.003 min

Lab File: VV030326.D

Acq: 29 Mar 2023 14:52

Tgt Ion: 78 Resp: 20453





#42

Toluene

Concen: 0.472 ug/L

RT: 7.326 min Scan# 1954

Delta R.T. 0.003 min

Lab File: VV030326.D

Acq: 29 Mar 2023 14:52

Instrument :

MSVOA_V

ClientSampleId :

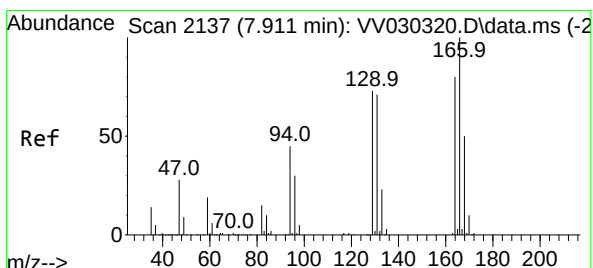
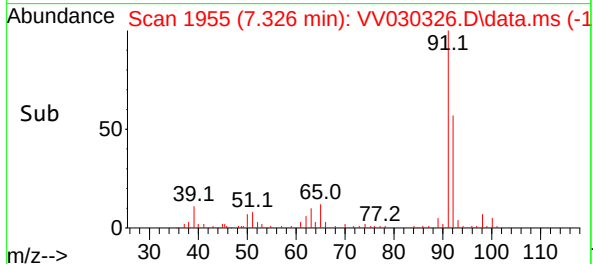
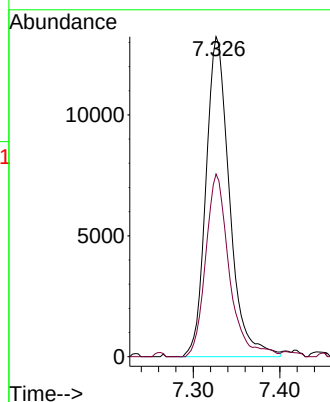
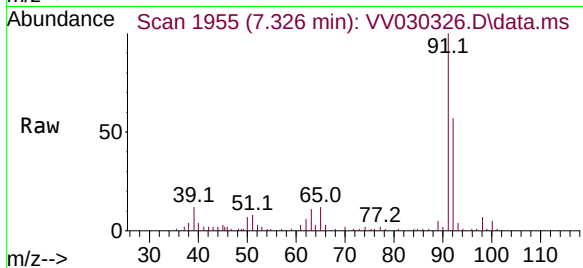
H0AA5

Tgt Ion: 91 Resp: 25030

Ion Ratio Lower Upper

91 100

92 57.1 40.4 75.0



#47

Tetrachloroethene

Concen: 23.591 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VV030326.D

Acq: 29 Mar 2023 14:52

Tgt Ion: 164 Resp: 279422

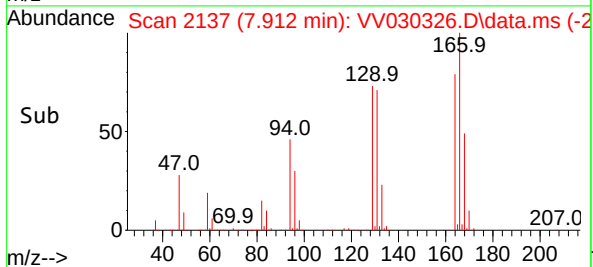
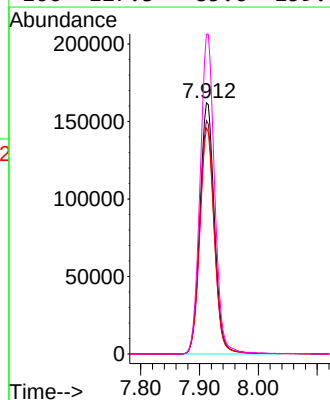
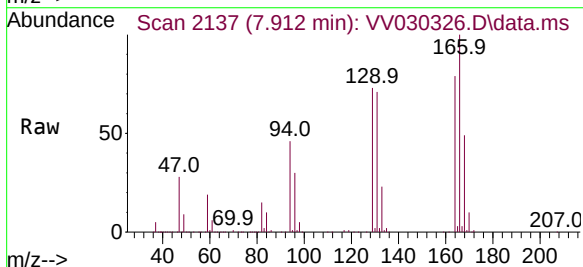
Ion Ratio Lower Upper

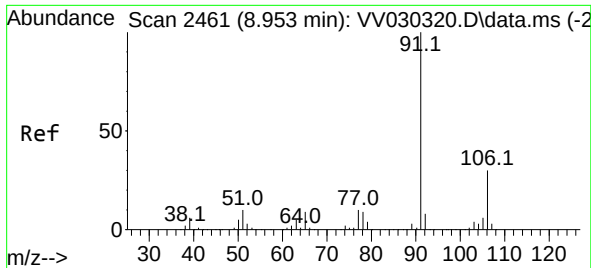
164 100

129 92.8 60.8 112.8

131 89.9 61.7 114.7

166 127.3 85.6 159.0

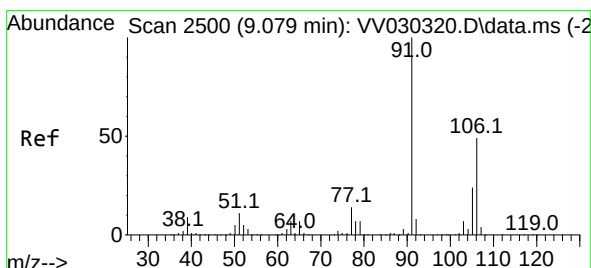
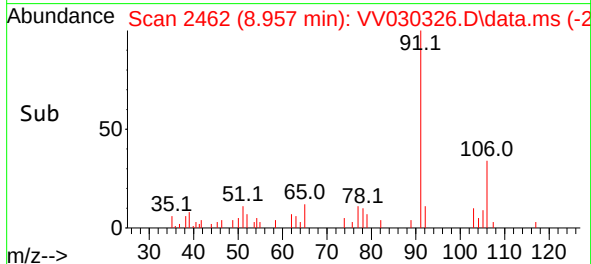
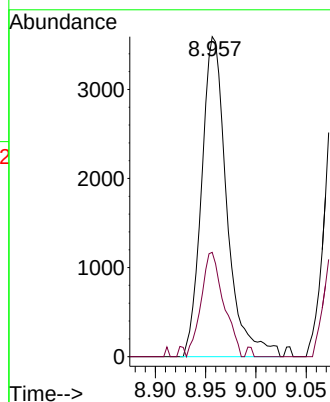
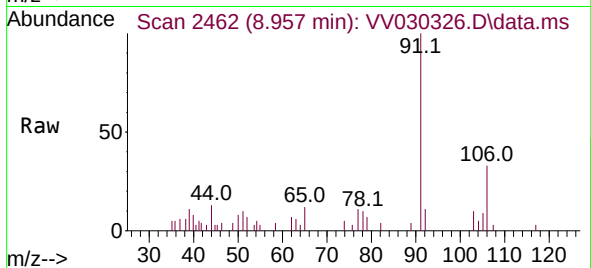




#52
Ethylbenzene
Concen: 0.108 ug/L
RT: 8.957 min Scan# 2461
Delta R.T. 0.003 min
Lab File: VV030326.D
Acq: 29 Mar 2023 14:52

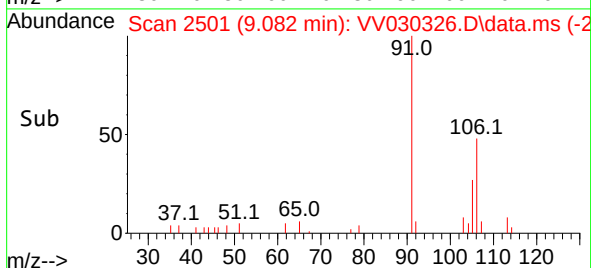
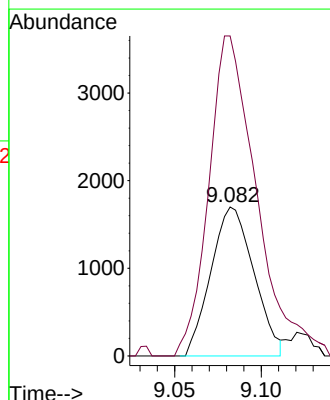
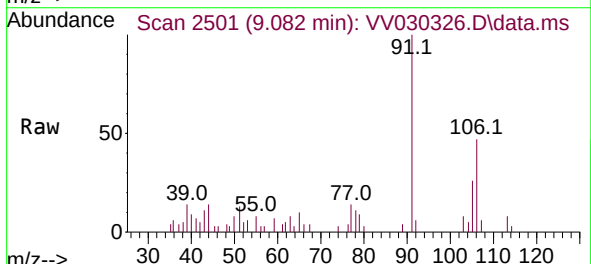
Instrument :
MSVOA_V
ClientSampleId :
H0AA5

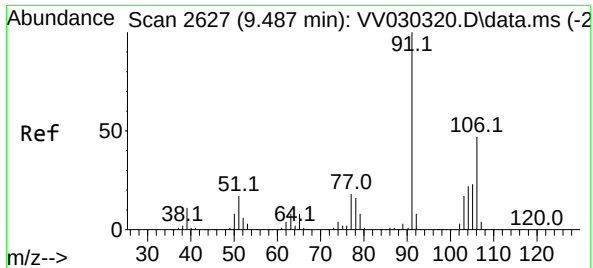
Tgt Ion: 91 Resp: 6265
Ion Ratio Lower Upper
91 100
106 32.6 22.2 41.2



#53
m,p-Xylene
Concen: 0.132 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VV030326.D
Acq: 29 Mar 2023 14:52

Tgt Ion: 106 Resp: 2931
Ion Ratio Lower Upper
106 100
91 214.9 142.4 264.4





#54
 o-Xylene
 Concen: 0.089 ug/L
 RT: 9.487 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV030326.D
 Acq: 29 Mar 2023 14:52

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA5

Tgt Ion:106 Resp: 1885
 Ion Ratio Lower Upper
 106 100
 91 231.3 149.8 278.2

