

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080823\
 Data File : VV031786.D
 Acq On : 08 Aug 2023 10:28
 Operator : SY/MD
 Sample : 03889-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF1

Quant Time: Aug 09 01:34:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 18 06:24:32 2023
 Response via : Initial Calibration

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

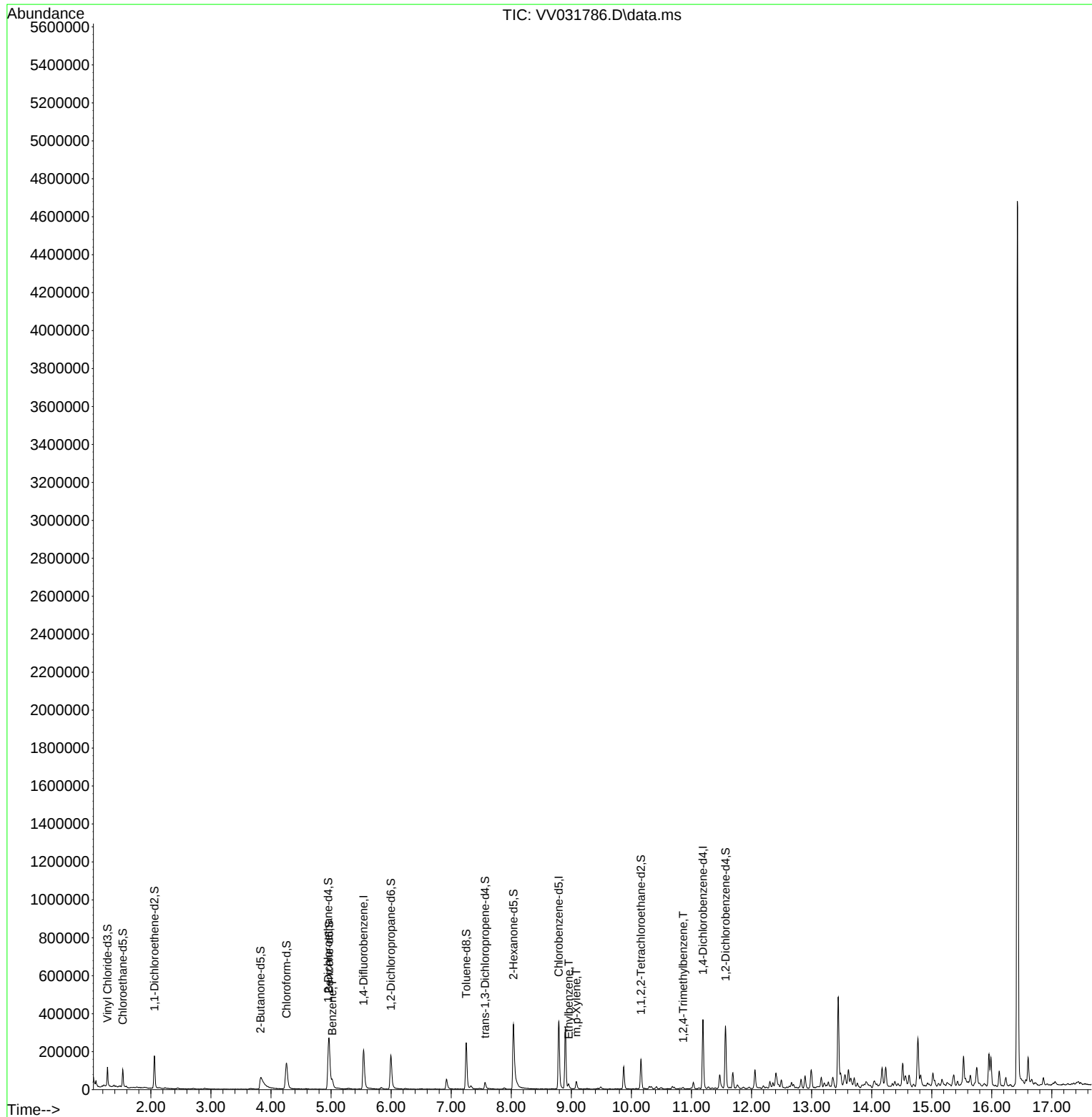
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	173446	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	196771	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	92266	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	58309	3.796	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.532	69	59061	4.242	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.060	65	29495	3.742	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	3.828	46	168292	42.886	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.780%
24) Chloroform-d	4.259	84	151304	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	4.953	65	77207	4.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	4.966	84	229173	4.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	5.995	67	93075	4.471	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.249	98	170093	3.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.000%#
43) trans-1,3-Dichloroprop...	7.564	79	21196	3.223	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.400%
46) 2-Hexanone-d5	8.037	63	123427	40.415	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.840%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	76084	4.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	81169	5.051	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
33) Benzene	5.021	78	47106	0.942	ug/L	100
52) Ethylbenzene	8.956	91	13746	0.287	ug/L	99
53) m,p-Xylene	9.085	106	7723	0.437	ug/L	86
63) 1,2,4-Trimethylbenzene	10.863	105	3869	0.118	ug/L	97

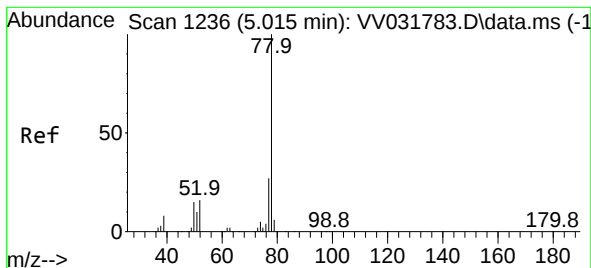
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#33

Benzene

Concen: 0.942 ug/L

RT: 5.021 min Scan# 1

Delta R.T. 0.006 min

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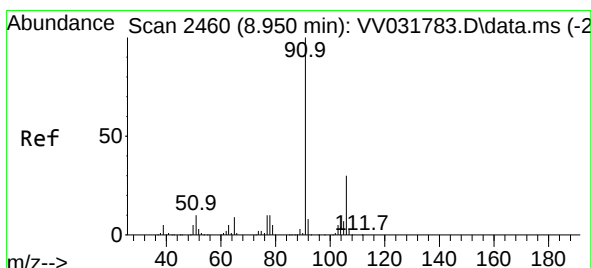
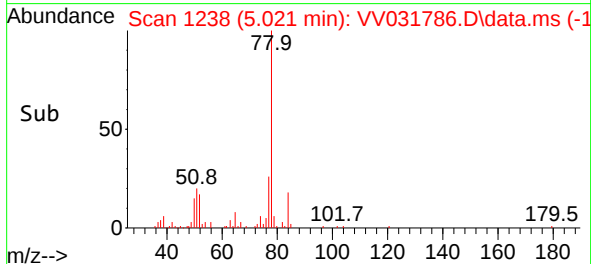
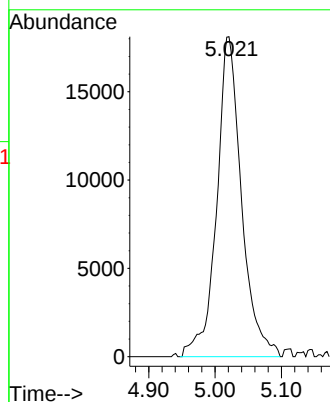
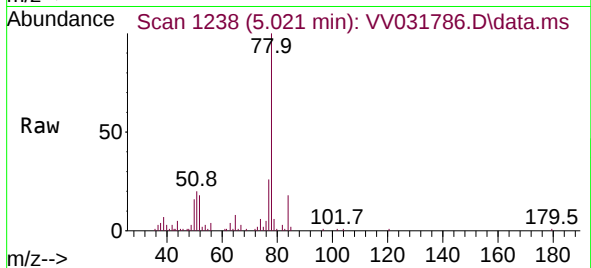
Instrument :

MSVOA_V

ClientSampleId :

C0AF1

Tgt Ion: 78 Resp: 47106



#52

Ethylbenzene

Concen: 0.287 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.006 min

Lab File: VV031786.D

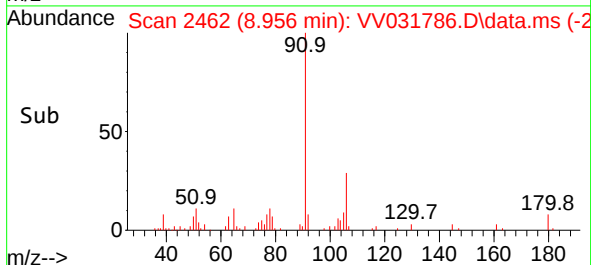
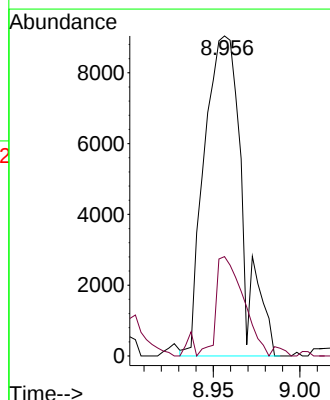
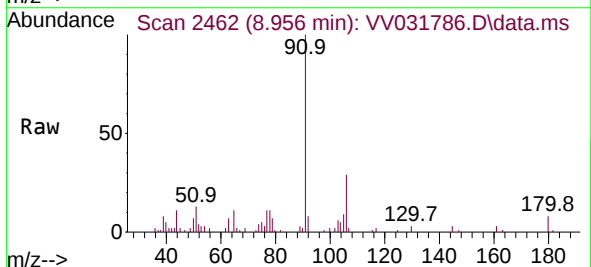
Acq: 08 Aug 2023 10:28

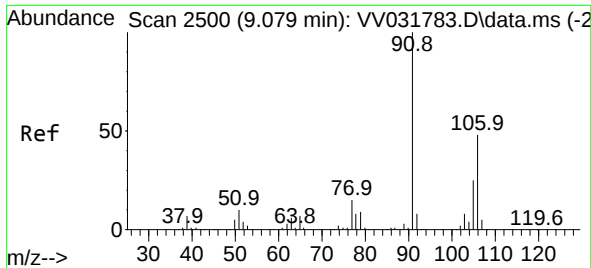
Tgt Ion: 91 Resp: 13746

Ion Ratio Lower Upper

91 100

106 31.0 21.2 39.4

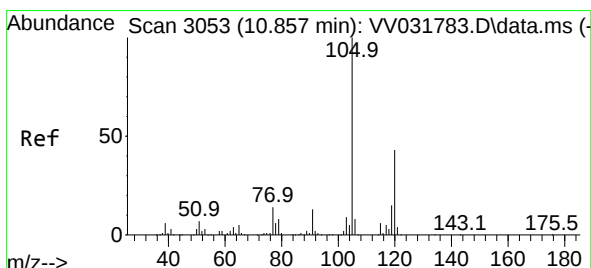
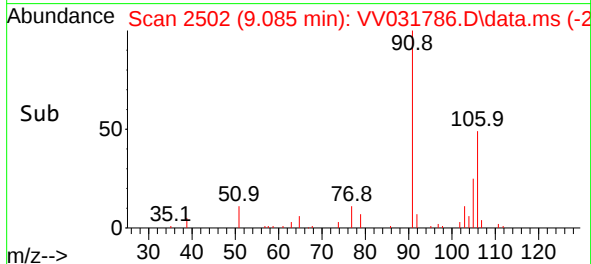
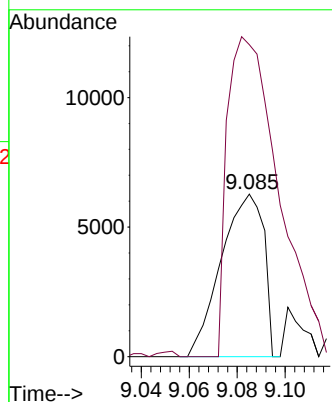
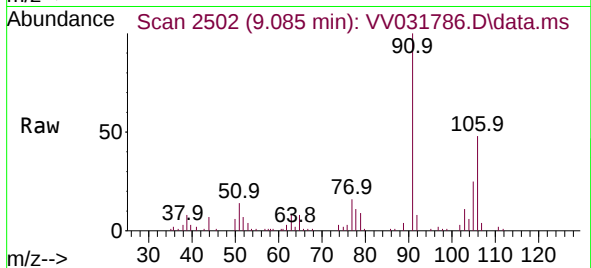




#53
m,p-Xylene
Concen: 0.437 ug/L
RT: 9.085 min Scan# 21
Delta R.T. 0.006 min
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Acq: 08 Aug 2023 10:28

Instrument :
MSVOA_V
ClientSampleId :
C0AF1

Tgt Ion:106 Resp: 7723
Ion Ratio Lower Upper
106 100
91 191.9 149.9 278.3



#63
1,2,4-Trimethylbenzene
Concen: 0.118 ug/L
RT: 10.863 min Scan# 3055
Delta R.T. 0.006 min
Lab File: VV031786.D
Acq: 08 Aug 2023 10:28

Tgt Ion:105 Resp: 3869
Ion Ratio Lower Upper
105 100
120 39.8 33.4 50.0

