

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020724\
 Data File : VW034026.D
 Acq On : 07 Feb 2024 13:20
 Operator : SY/MD
 Sample : P1383-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0YA7

Quant Time: Feb 08 04:48:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 08 04:46:29 2024
 Response via : Initial Calibration

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

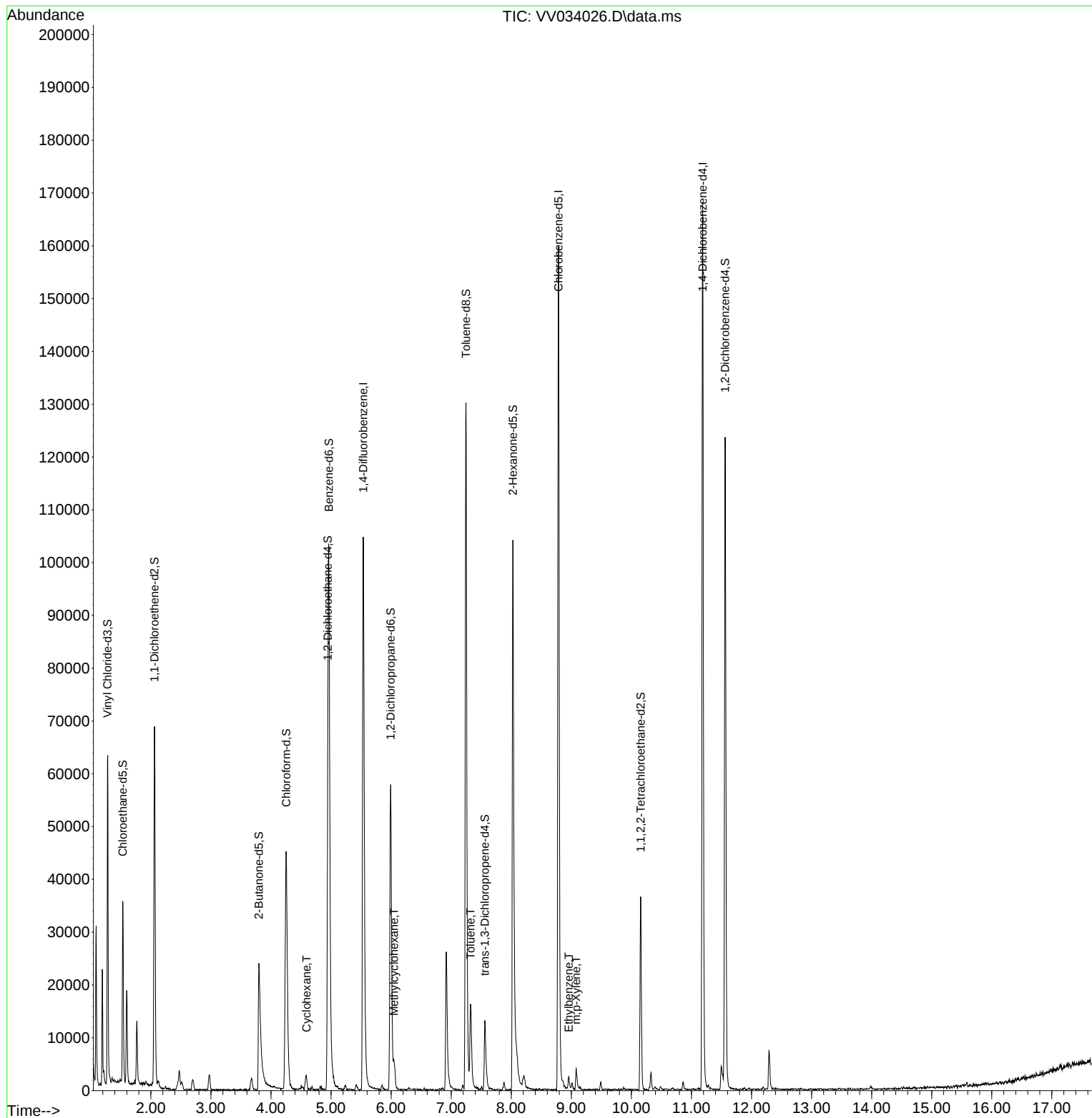
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	92489	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	85999	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	44183	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22762	3.178	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.600%
7) Chloroethane-d5	1.532	69	21679	3.455	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.200%
11) 1,1-Dichloroethene-d2	2.060	65	11623	3.365	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	3.799	46	44317	36.838	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.680%
24) Chloroform-d	4.252	84	48304	3.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.200%
26) 1,2-Dichloroethane-d4	4.947	65	24602	4.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
32) Benzene-d6	4.963	84	92853	3.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.000%
36) 1,2-Dichloropropane-d6	5.992	67	27129	3.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.200%
41) Toluene-d8	7.246	98	86297	3.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
43) trans-1,3-Dichloroprop...	7.561	79	9129	3.352	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.000%
46) 2-Hexanone-d5	8.027	63	38195	39.287	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.580%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	17571	4.019	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	31177	3.880	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.600%#
Target Compounds						Qvalue
30) Cyclohexane	4.590	56	1176	0.105	ug/L #	93
35) Methylcyclohexane	6.047	83	2156	0.184	ug/L #	81
42) Toluene	7.323	91	13163	0.477	ug/L	94
52) Ethylbenzene	8.956	91	2622	0.083	ug/L	87
53) m,p-Xylene	9.082	106	1350	0.113	ug/L	96

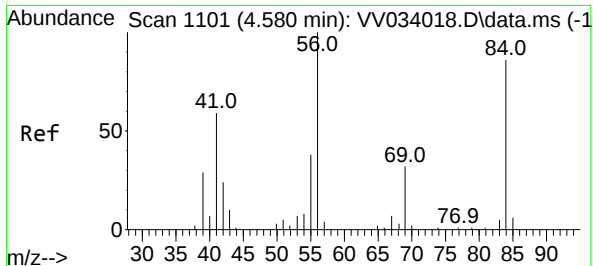
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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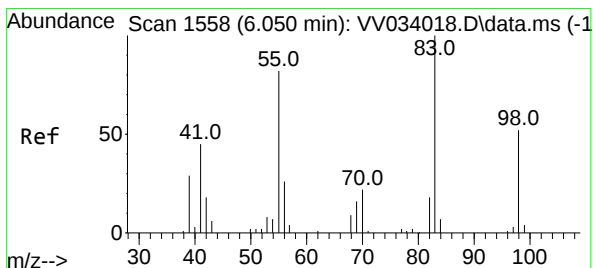
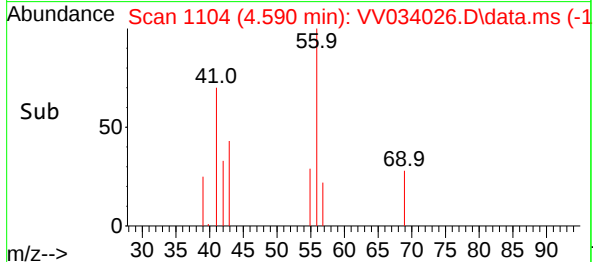
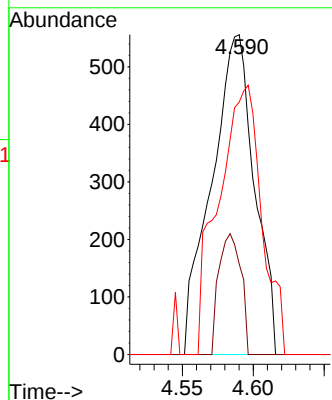
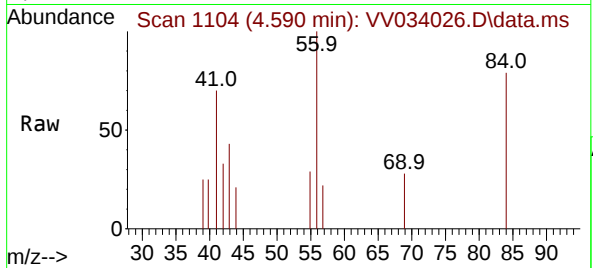




#30
Cyclohexane
Concen: 0.105 ug/L
RT: 4.590 min Scan# 1101
Delta R.T. 0.010 min
Lab File: VV034026.D
Acq: 07 Feb 2024 13:20

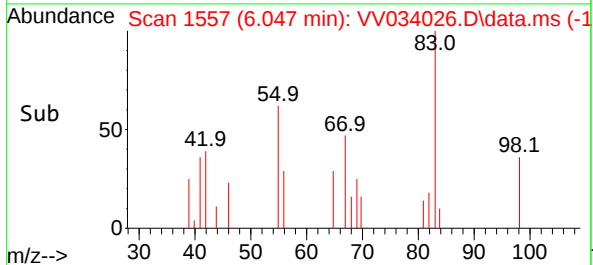
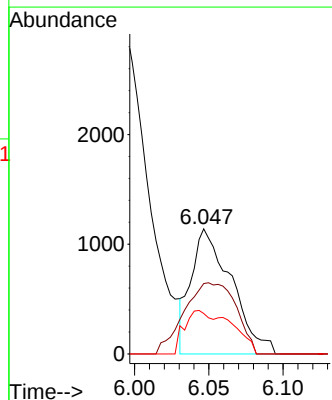
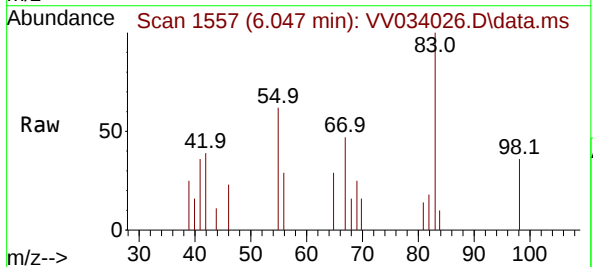
Instrument :
MSVOA_V
ClientSampleId :
E0YA7

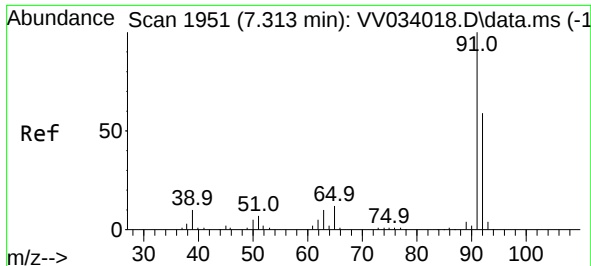
Tgt Ion: 56 Resp: 1176
Ion Ratio Lower Upper
56 100
69 19.3 24.2 36.2#
84 84.9 70.0 105.0



#35
Methylcyclohexane
Concen: 0.184 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.003 min
Lab File: VV034026.D
Acq: 07 Feb 2024 13:20

Tgt Ion: 83 Resp: 2156
Ion Ratio Lower Upper
83 100
55 73.1 63.5 95.3
98 23.2 39.0 58.4#





#42

Toluene

Concen: 0.477 ug/L

RT: 7.323 min Scan# 1951

Delta R.T. 0.010 min

Lab File: VV034026.D

Acq: 07 Feb 2024 13:20

Instrument :

MSVOA_V

ClientSampleId :

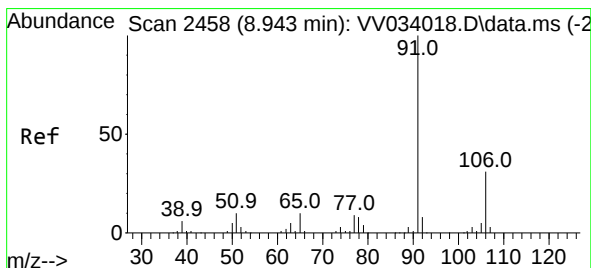
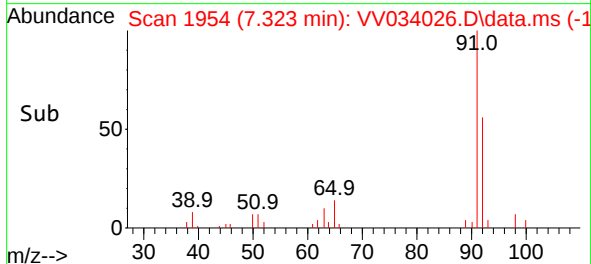
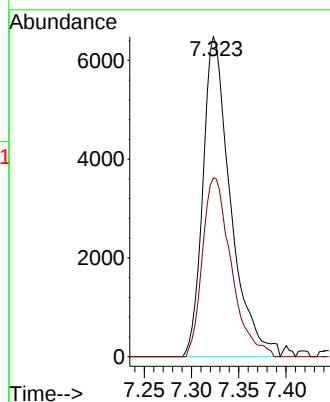
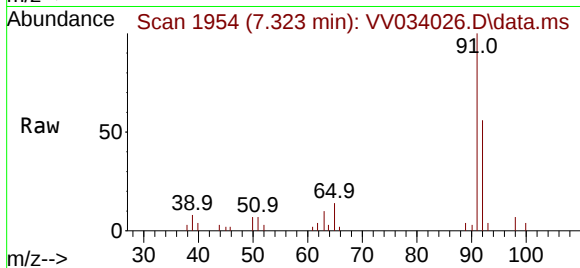
E0YA7

Tgt Ion: 91 Resp: 13163

Ion Ratio Lower Upper

91 100

92 55.9 42.1 78.3



#52

Ethylbenzene

Concen: 0.083 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.013 min

Lab File: VV034026.D

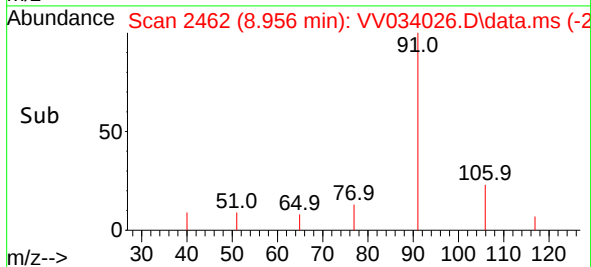
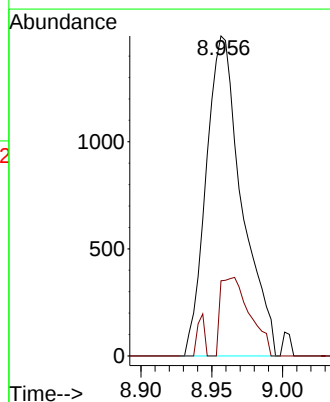
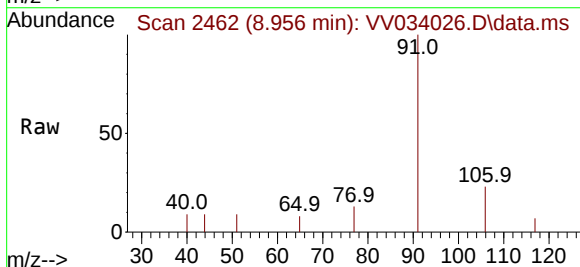
Acq: 07 Feb 2024 13:20

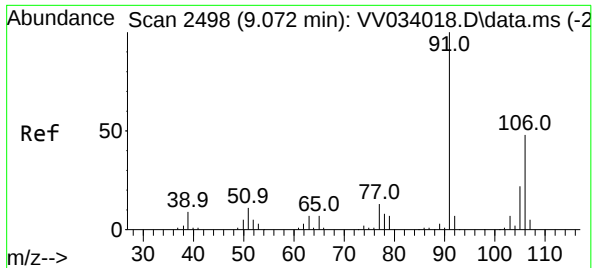
Tgt Ion: 91 Resp: 2622

Ion Ratio Lower Upper

91 100

106 23.5 21.4 39.8





#53
 m,p-Xylene
 Concen: 0.113 ug/L
 RT: 9.082 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VV034026.D
 Acq: 07 Feb 2024 13:20

Instrument :
 MSVOA_V
 ClientSampleId :
 E0YA7

Tgt Ion:106 Resp: 1350
 Ion Ratio Lower Upper
 106 100
 91 217.4 147.5 273.9

