

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020724\
 Data File : VW034025.D
 Acq On : 07 Feb 2024 12:56
 Operator : SY/MD
 Sample : P1383-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0YA6

Quant Time: Feb 08 04:48:30 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)

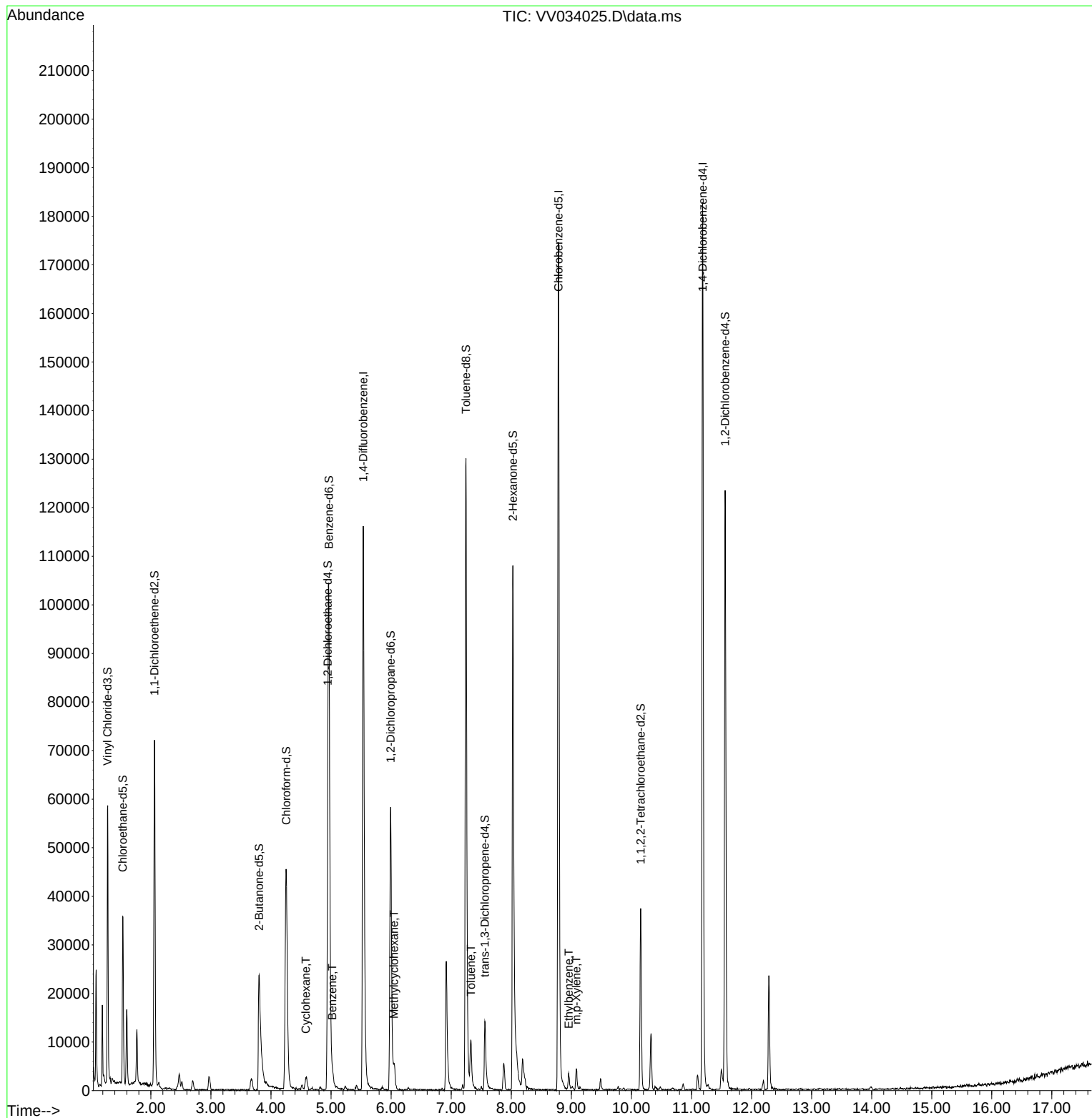
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	101766	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	93538	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	46543	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22906	2.906	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.200%
7) Chloroethane-d5	1.532	69	21377	3.097	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.000%#
11) 1,1-Dichloroethene-d2	2.060	65	12150	3.197	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	3.802	46	44435	33.569	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.140%
24) Chloroform-d	4.252	84	49275	3.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.800%#
26) 1,2-Dichloroethane-d4	4.947	65	24820	3.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
32) Benzene-d6	4.963	84	94289	3.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.200%#
36) 1,2-Dichloropropane-d6	5.992	67	27385	3.491	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.800%
41) Toluene-d8	7.246	98	89040	3.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.000%#
43) trans-1,3-Dichloroprop...	7.561	79	9401	3.174	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.400%
46) 2-Hexanone-d5	8.027	63	38973	36.857	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.720%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	17120	3.600	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	31284	3.696	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	74.000%#
Target Compounds						Qvalue
30) Cyclohexane	4.580	56	1454	0.119	ug/L	# 86
33) Benzene	5.018	78	3008	0.107	ug/L	100
35) Methylcyclohexane	6.047	83	1995	0.157	ug/L	93
42) Toluene	7.329	91	8311	0.277	ug/L	100
52) Ethylbenzene	8.956	91	3004	0.087	ug/L	97
53) m,p-Xylene	9.085	106	1401	0.107	ug/L	84

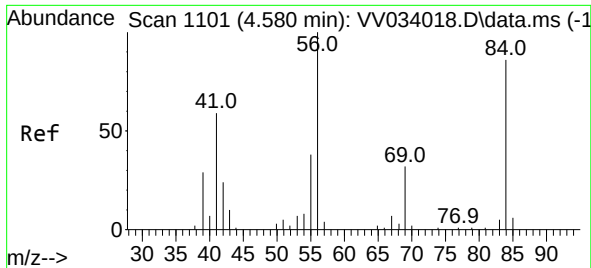
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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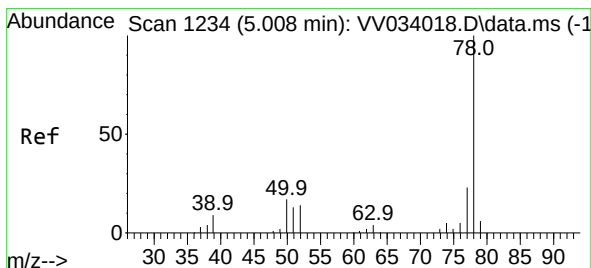
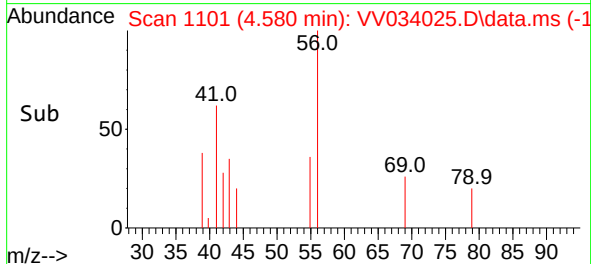
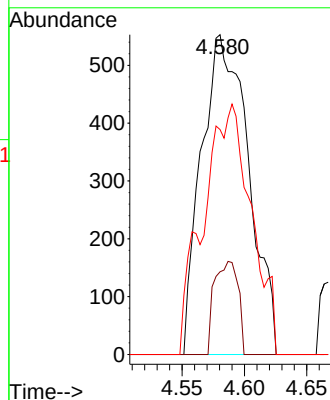
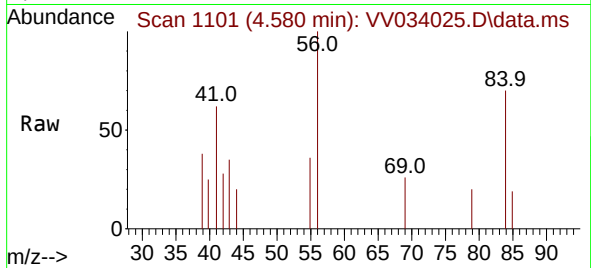




#30
Cyclohexane
Concen: 0.119 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV034025.D
Acq: 07 Feb 2024 12:56

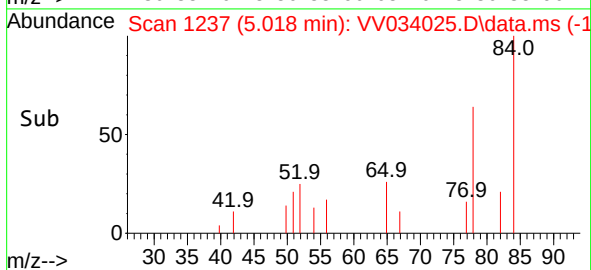
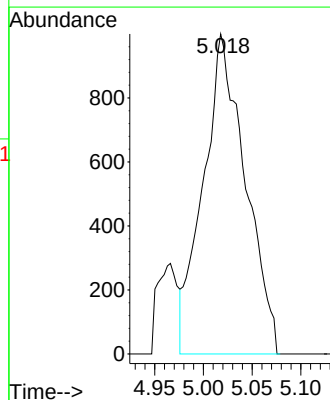
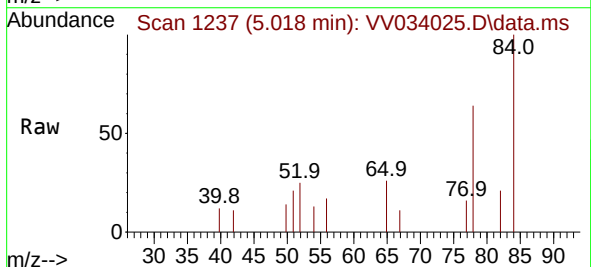
Instrument :
MSVOA_V
ClientSampleId :
E0YA6

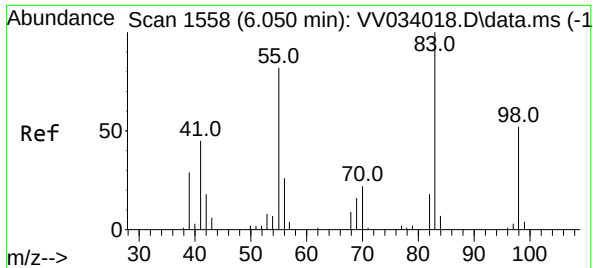
Tgt Ion: 56 Resp: 1454
Ion Ratio Lower Upper
56 100
69 14.6 24.2 36.2#
84 79.8 70.0 105.0



#33
Benzene
Concen: 0.107 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.010 min
Lab File: VV034025.D
Acq: 07 Feb 2024 12:56

Tgt Ion: 78 Resp: 3008





#35

Methylcyclohexane

Concen: 0.157 ug/L

RT: 6.047 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV034025.D

Acq: 07 Feb 2024 12:56

Instrument :

MSVOA_V

ClientSampleId :

E0YA6

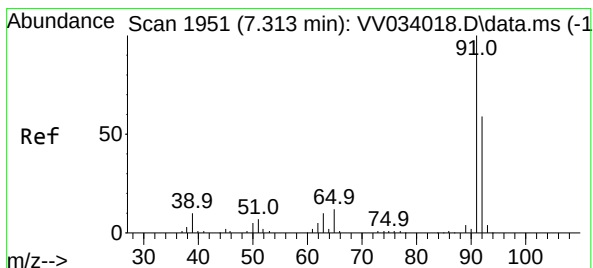
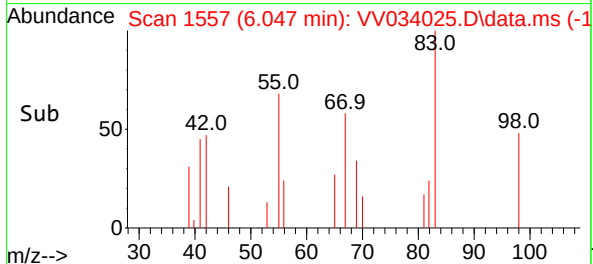
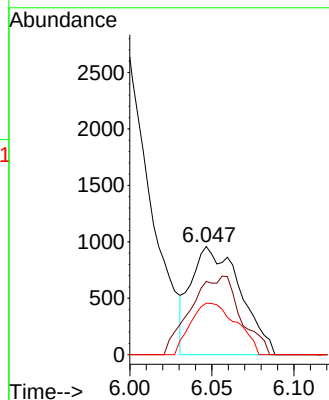
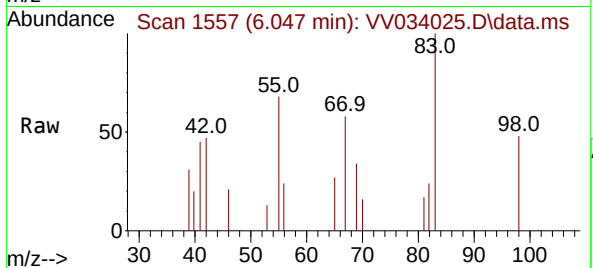
Tgt Ion: 83 Resp: 1995

Ion Ratio Lower Upper

83 100

55 73.5 63.5 95.3

98 44.4 39.0 58.4



#42

Toluene

Concen: 0.277 ug/L

RT: 7.329 min Scan# 1956

Delta R.T. 0.016 min

Lab File: VV034025.D

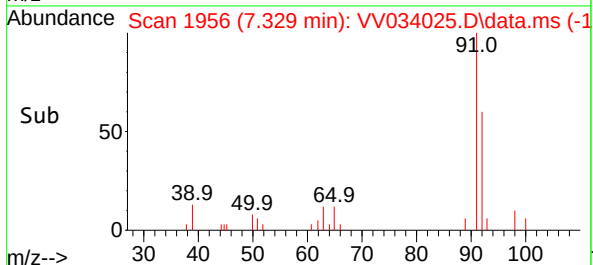
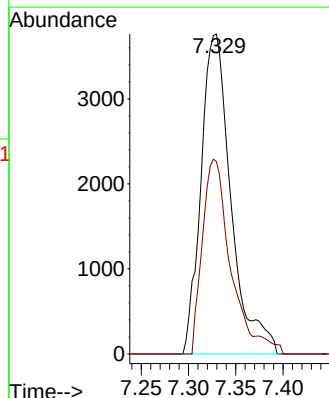
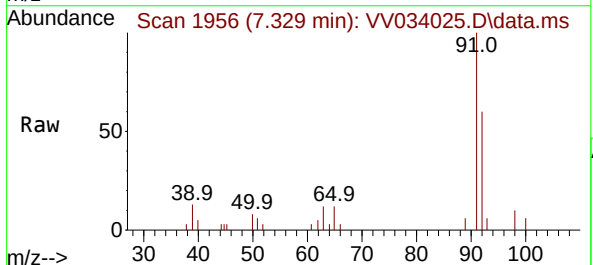
Acq: 07 Feb 2024 12:56

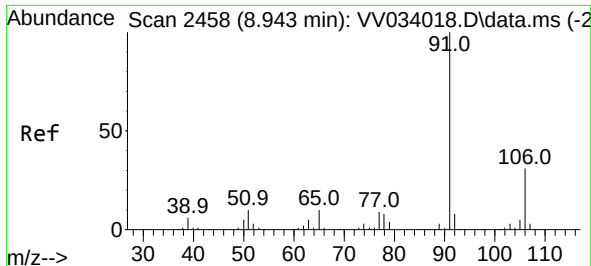
Tgt Ion: 91 Resp: 8311

Ion Ratio Lower Upper

91 100

92 60.2 42.1 78.3

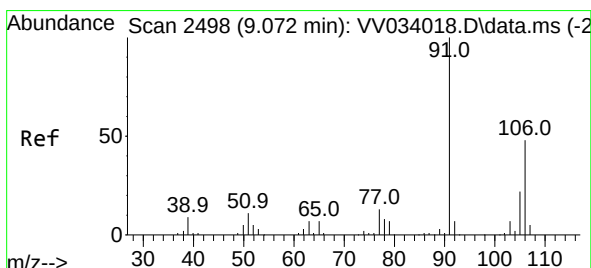
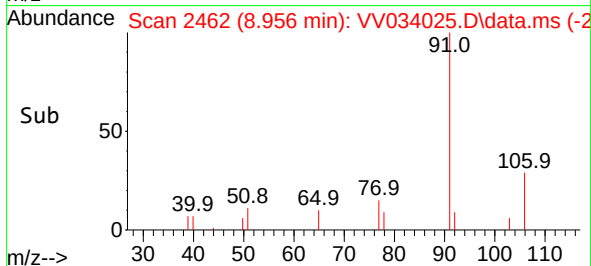
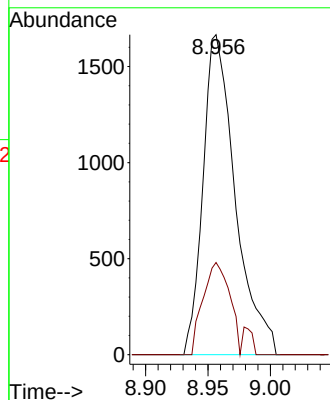
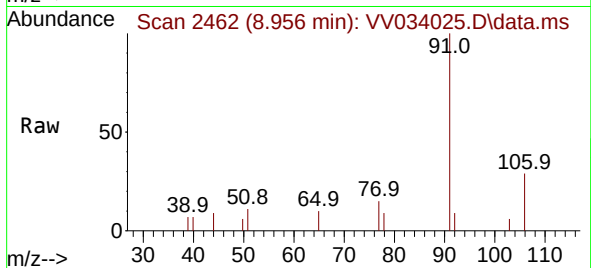




#52
Ethylbenzene
Concen: 0.087 ug/L
RT: 8.956 min Scan# 2458
Delta R.T. 0.013 min
Lab File: VV034025.D
Acq: 07 Feb 2024 12:56

Instrument :
MSVOA_V
ClientSampleId :
E0YA6

Tgt Ion: 91 Resp: 3004
Ion Ratio Lower Upper
91 100
106 28.8 21.4 39.8



#53
m,p-Xylene
Concen: 0.107 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.013 min
Lab File: VV034025.D
Acq: 07 Feb 2024 12:56

Tgt Ion: 106 Resp: 1401
Ion Ratio Lower Upper
106 100
91 185.7 147.5 273.9

