

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
 Data File : VV032518.D
 Acq On : 20 Oct 2023 12:40
 Operator : SY/MD
 Sample : 04950-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4977

Quant Time: Oct 20 23:05:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 20 23:03:10 2023
 Response via : Initial Calibration

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

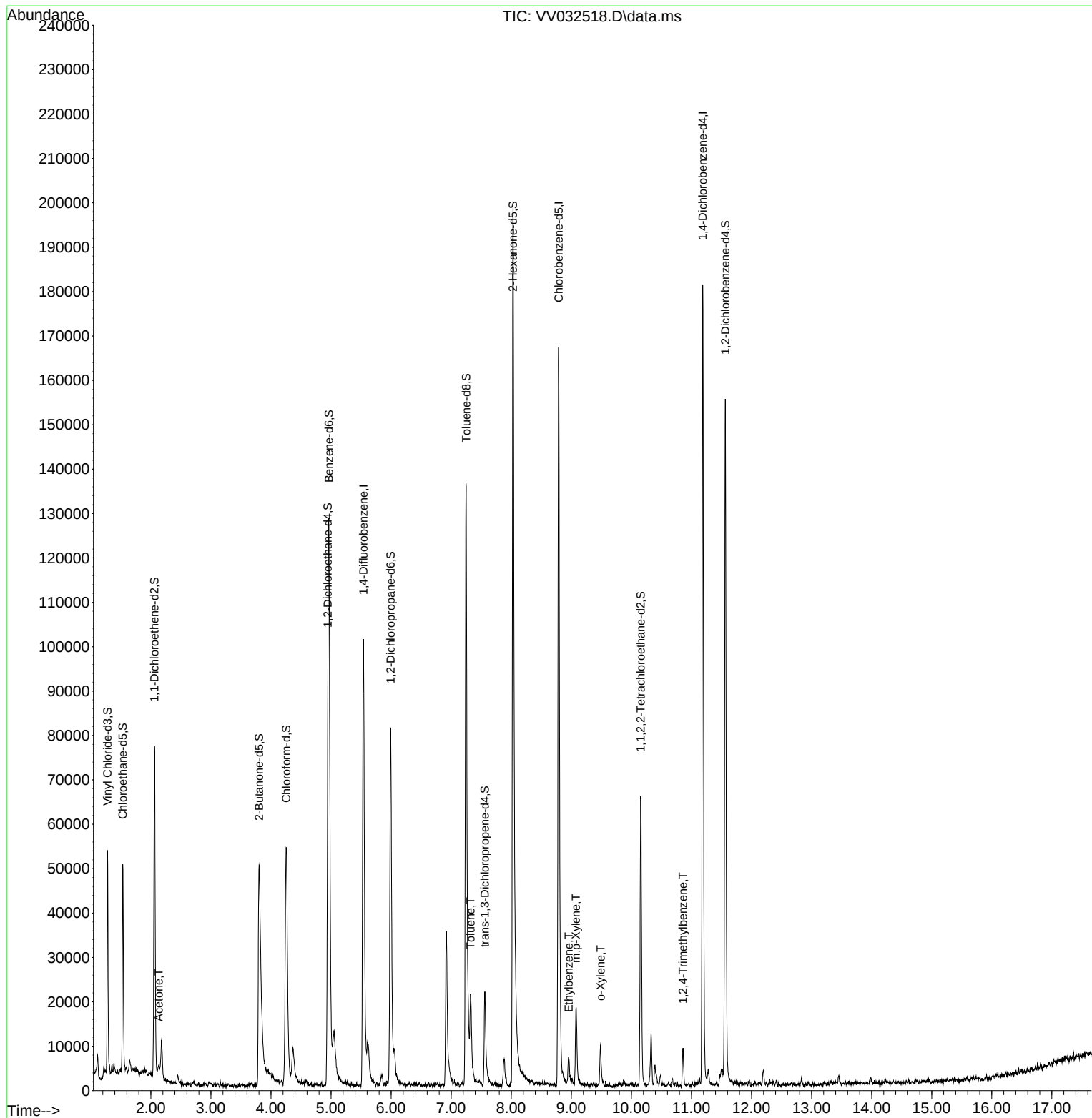
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	84345	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	95262	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	44290	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31153	4.541	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.532	69	28718	5.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.060	65	12519	4.327	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	3.802	46	87774	50.582	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.160%
24) Chloroform-d	4.252	84	57480	4.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	4.947	65	31487	5.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	4.963	84	113740	4.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	5.992	67	37897	4.081	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.249	98	98964	3.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	7.561	79	14045	4.268	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.030	63	72857	47.053	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.100%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32212	4.959	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	38128	4.639	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
13) Acetone	2.130	43	3193	2.387	ug/L	65
42) Toluene	7.323	91	14874	0.416	ug/L	91
52) Ethylbenzene	8.956	91	3840	0.096	ug/L	98
53) m,p-Xylene	9.079	106	5155	0.349	ug/L	98
54) o-Xylene	9.487	106	2379	0.167	ug/L	96
63) 1,2,4-Trimethylbenzene	10.860	105	4448	0.159	ug/L	98

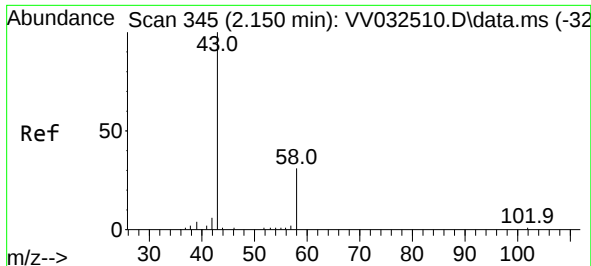
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.387 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.019 min

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Instrument :

MSVOA_V

ClientSampleId :

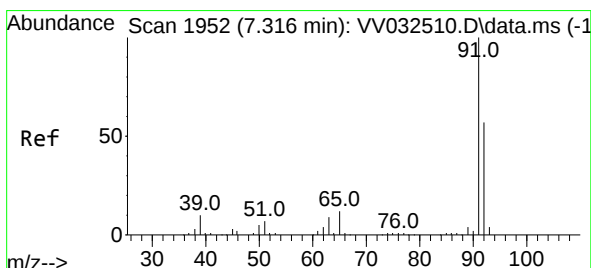
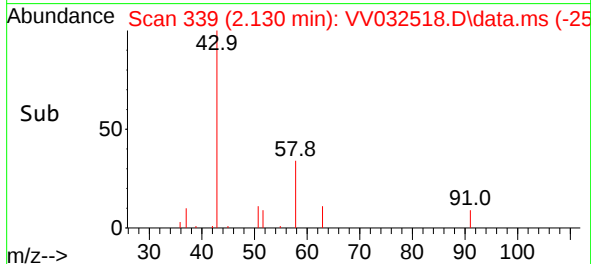
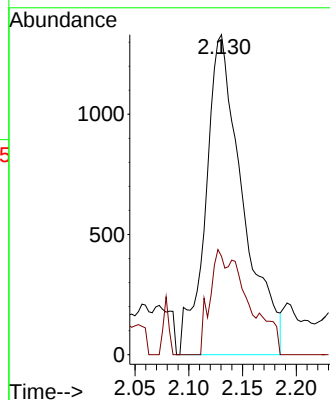
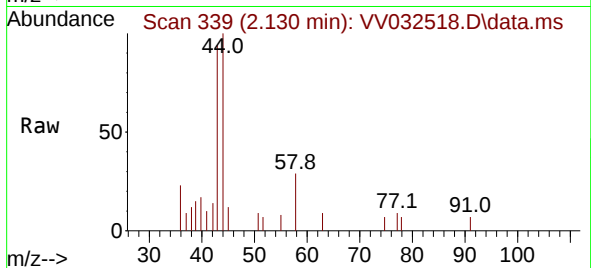
A4977

Tgt Ion: 43 Resp: 3193

Ion Ratio Lower Upper

43 100

58 13.4 0.0 66.0



#42

Toluene

Concen: 0.416 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.007 min

Lab File: VV032518.D

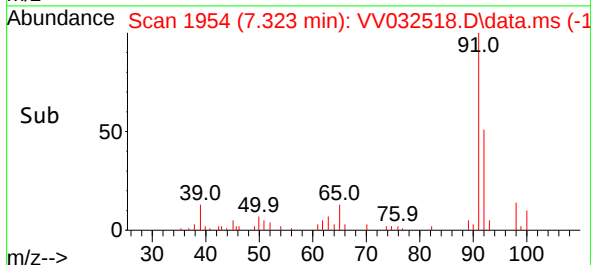
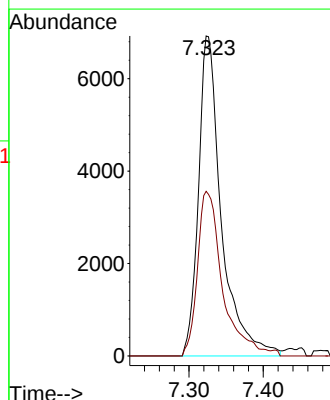
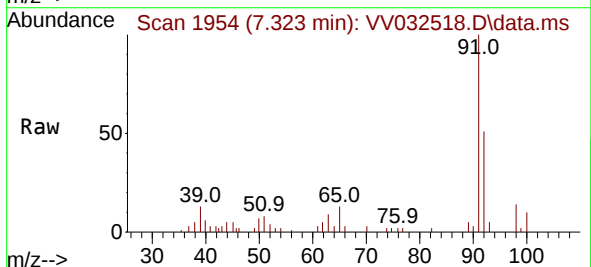
Acq: 20 Oct 2023 12:40

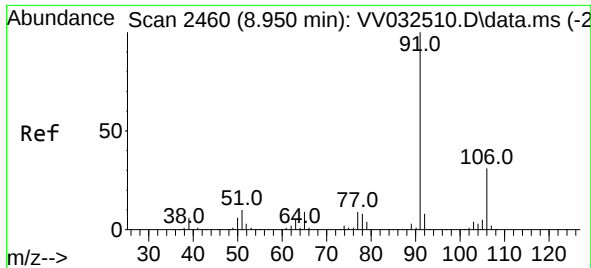
Tgt Ion: 91 Resp: 14874

Ion Ratio Lower Upper

91 100

92 51.4 40.8 75.8

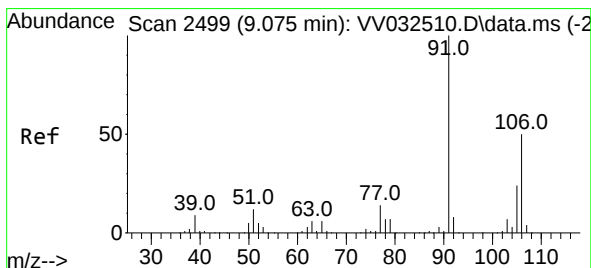
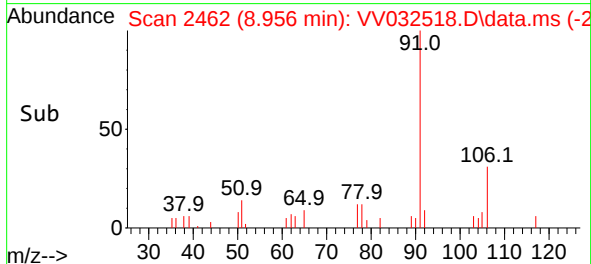
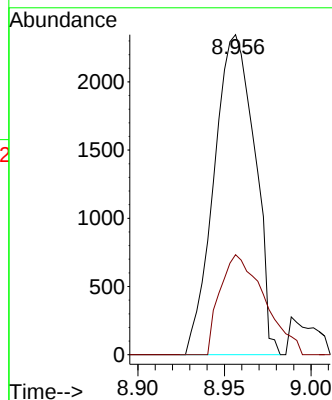
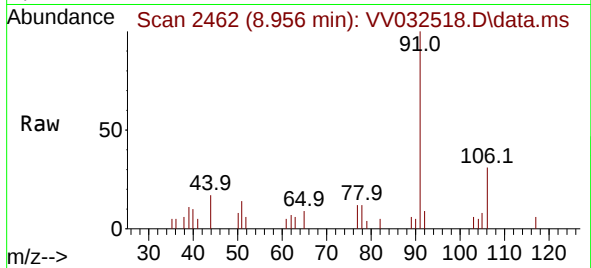




#52
Ethylbenzene
Concen: 0.096 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.007 min
Lab File: VV032518.D
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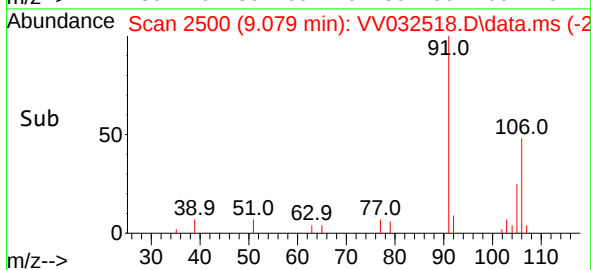
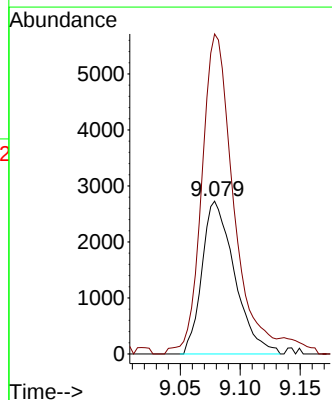
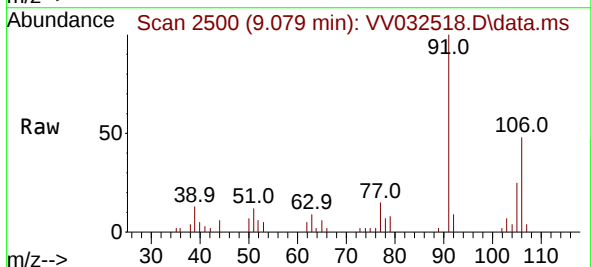
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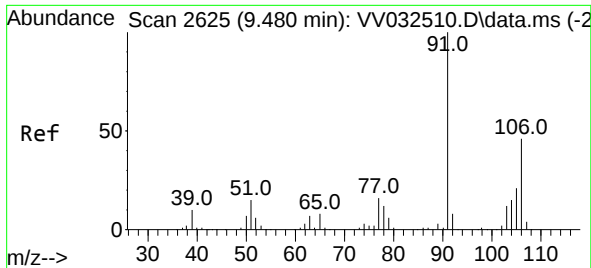
Tgt Ion: 91 Resp: 3840
Ion Ratio Lower Upper
91 100
106 31.2 21.3 39.5



#53
m,p-Xylene
Concen: 0.349 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.003 min
Lab File: VV032518.D
Acq: 20 Oct 2023 12:40

Tgt Ion: 106 Resp: 5155
Ion Ratio Lower Upper
106 100
91 209.5 144.5 268.3

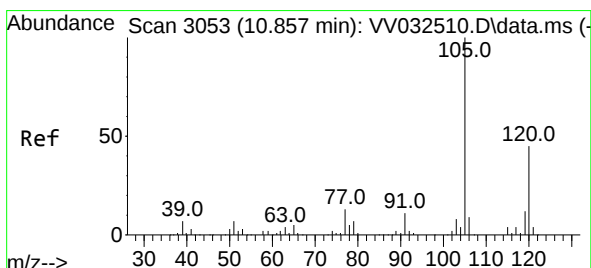
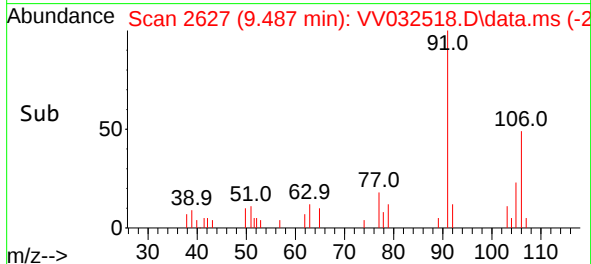
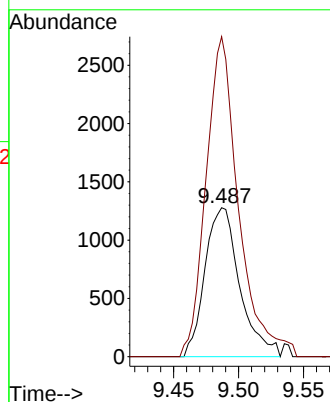
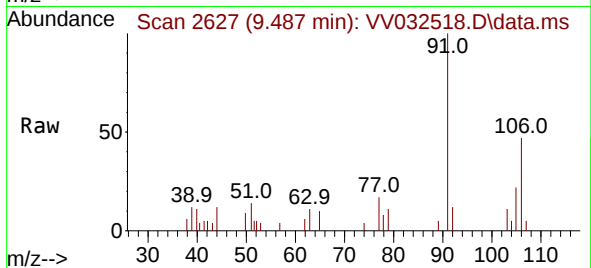




#54
o-Xylene
Concen: 0.167 ug/L
RT: 9.487 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV032518.D
Acq: 20 Oct 2023 12:40

Instrument :
MSVOA_V
ClientSampleId :
A4977

Tgt Ion:106 Resp: 2379
Ion Ratio Lower Upper
106 100
91 214.8 154.8 287.4



#63
1,2,4-Trimethylbenzene
Concen: 0.159 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.003 min
Lab File: VV032518.D
Acq: 20 Oct 2023 12:40

Tgt Ion:105 Resp: 4448
Ion Ratio Lower Upper
105 100
120 43.7 36.2 54.4

