

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
 Data File : VU055968.D
 Acq On : 28 Oct 2023 12:50
 Operator : MD/SY
 Sample : 05009-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A49J0

Quant Time: Oct 30 04:53:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 30 04:51:15 2023
 Response via : Initial Calibration

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

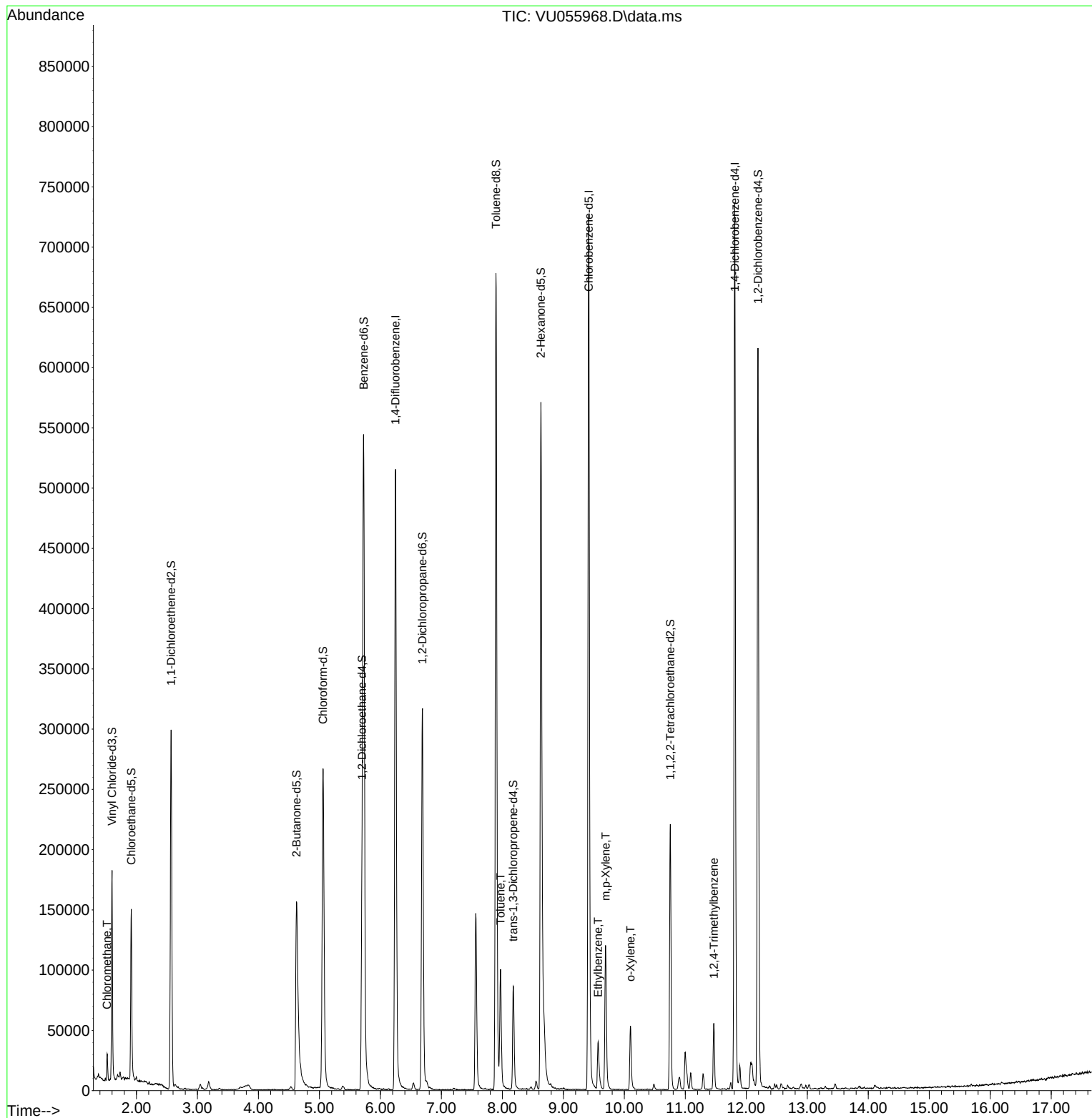
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	441242	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	435178	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	206140	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	125319	3.590	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.914	69	108684	3.995	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.567	65	56515	3.814	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	4.624	46	247708	39.780	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.560%
24) Chloroform-d	5.059	84	258659	3.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.698	65	122080	3.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
32) Benzene-d6	5.724	84	536969	4.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.689	67	162192	4.221	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.894	98	476588	4.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.177	79	55365	3.684	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.631	63	209978	55.037	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	114679	4.098	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	172068	4.474	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	15962	0.665	ug/L	99
42) Toluene	7.968	91	72891	0.726	ug/L	98
52) Ethylbenzene	9.570	91	30172	0.265	ug/L	99
53) m,p-Xylene	9.692	106	38044	0.895	ug/L	85
54) o-Xylene	10.100	106	15563	0.374	ug/L	98
63) 1,2,4-Trimethylbenzene	11.467	105	32749	0.420	ug/L	99

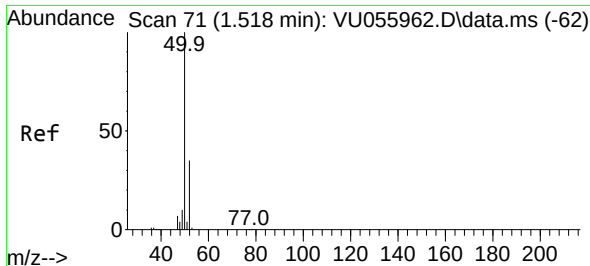
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 30 04:51:15 2023
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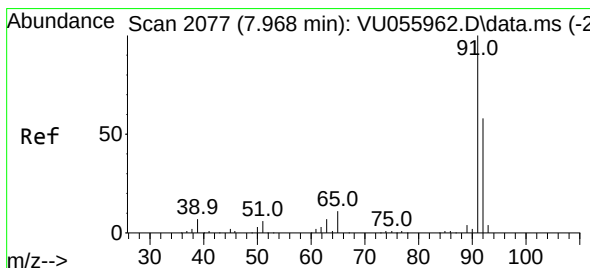
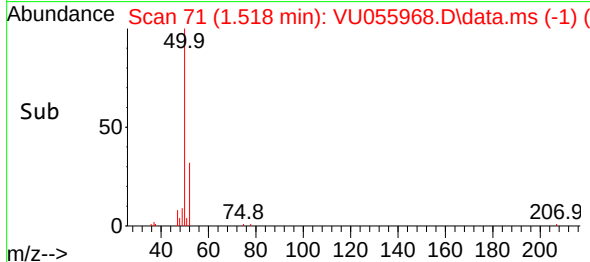
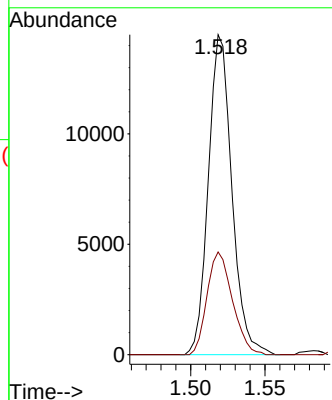
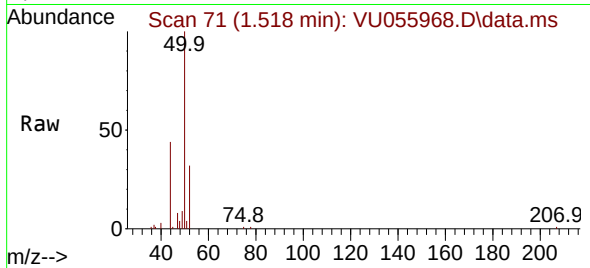




#3
Chloromethane
Concen: 0.665 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU055968.D
Acq: 28 Oct 2023 12:50

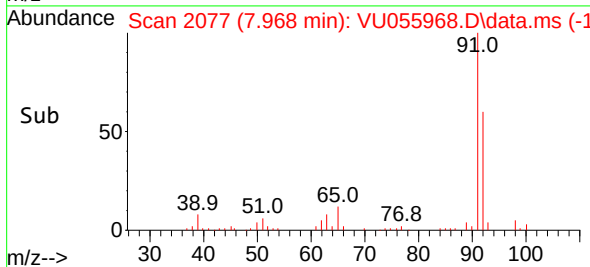
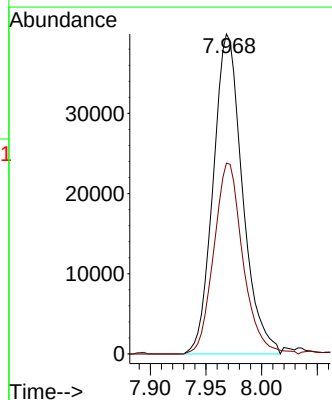
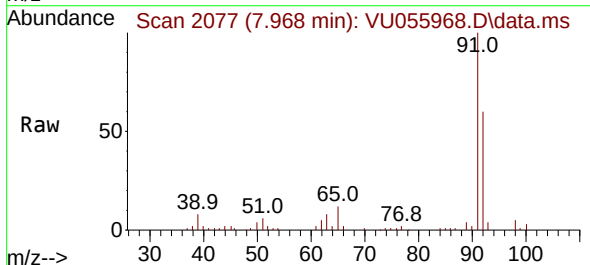
Instrument :
MSVOA_U
ClientSampleId :
A49J0

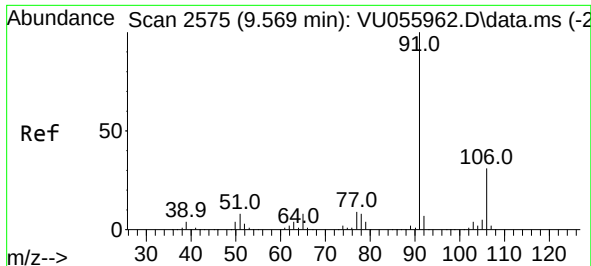
Tgt Ion: 50 Resp: 15962
Ion Ratio Lower Upper
50 100
52 32.1 22.0 40.8



#42
Toluene
Concen: 0.726 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VU055968.D
Acq: 28 Oct 2023 12:50

Tgt Ion: 91 Resp: 72891
Ion Ratio Lower Upper
91 100
92 59.7 40.6 75.4

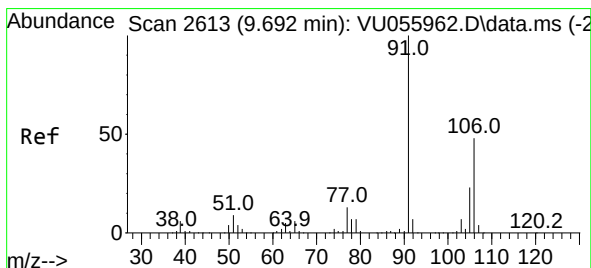
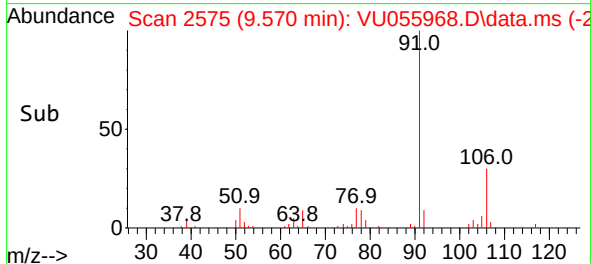
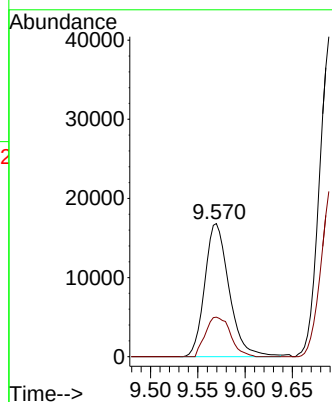
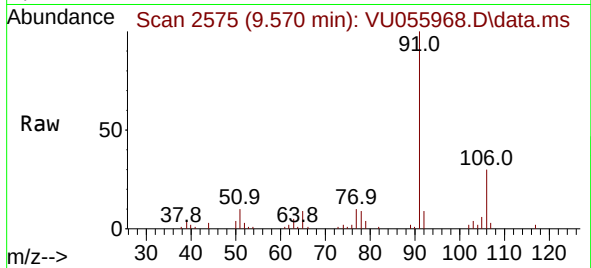




#52
Ethylbenzene
Concen: 0.265 ug/L
RT: 9.570 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055968.D
Acq: 28 Oct 2023 12:50

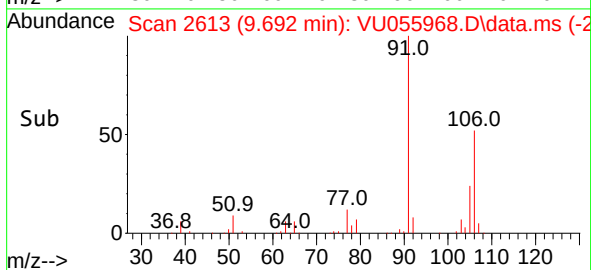
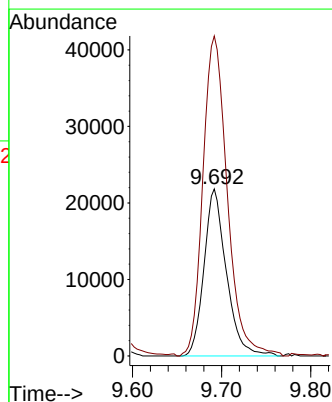
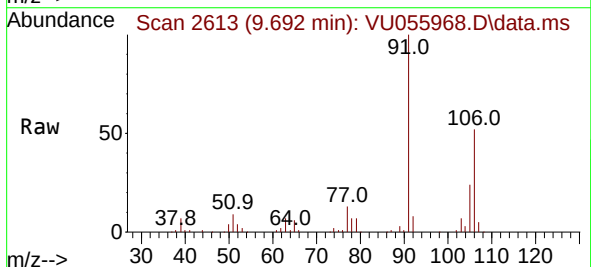
Instrument :
MSVOA_U
ClientSampleId :
A49J0

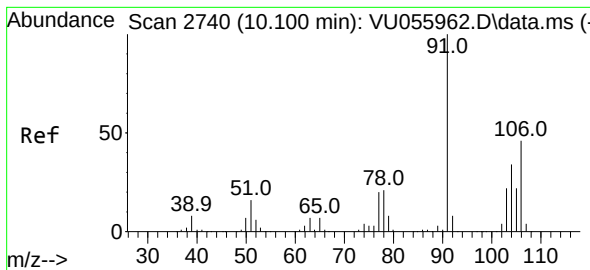
Tgt Ion: 91 Resp: 30172
Ion Ratio Lower Upper
91 100
106 29.7 21.3 39.5



#53
m,p-Xylene
Concen: 0.895 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055968.D
Acq: 28 Oct 2023 12:50

Tgt Ion: 106 Resp: 38044
Ion Ratio Lower Upper
106 100
91 191.6 150.4 279.2





#54

o-Xylene

Concen: 0.374 ug/L

RT: 10.100 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU055968.D

Acq: 28 Oct 2023 12:50

Instrument :

MSVOA_U

ClientSampleId :

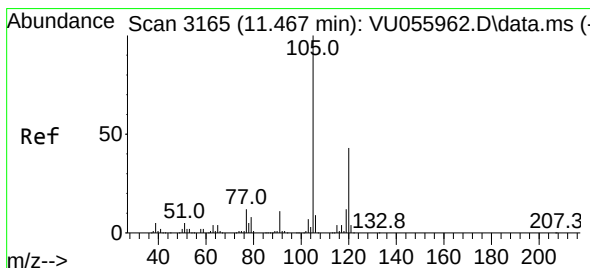
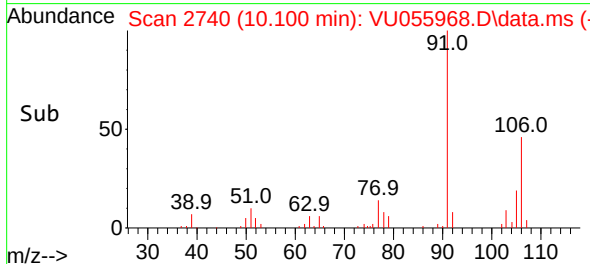
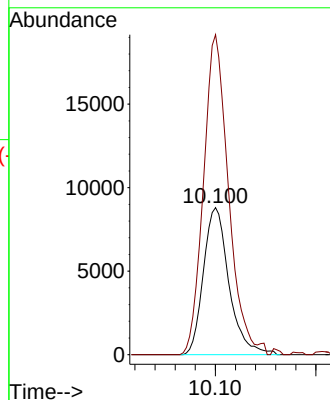
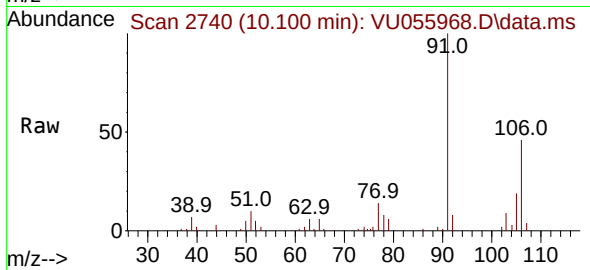
A49J0

Tgt Ion:106 Resp: 15563

Ion Ratio Lower Upper

106 100

91 217.7 154.6 287.2



#63

1,2,4-Trimethylbenzene

Concen: 0.420 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.000 min

Lab File: VU055968.D

Acq: 28 Oct 2023 12:50

Tgt Ion:105 Resp: 32749

Ion Ratio Lower Upper

105 100

120 42.5 34.6 52.0

