

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031224\
 Data File : VU058068.D
 Acq On : 12 Mar 2024 18:29
 Operator : MD/SY
 Sample : VIBLK182
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK182

Quant Time: Mar 13 02:04:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 13 01:58:39 2024
 Response via : Initial Calibration

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

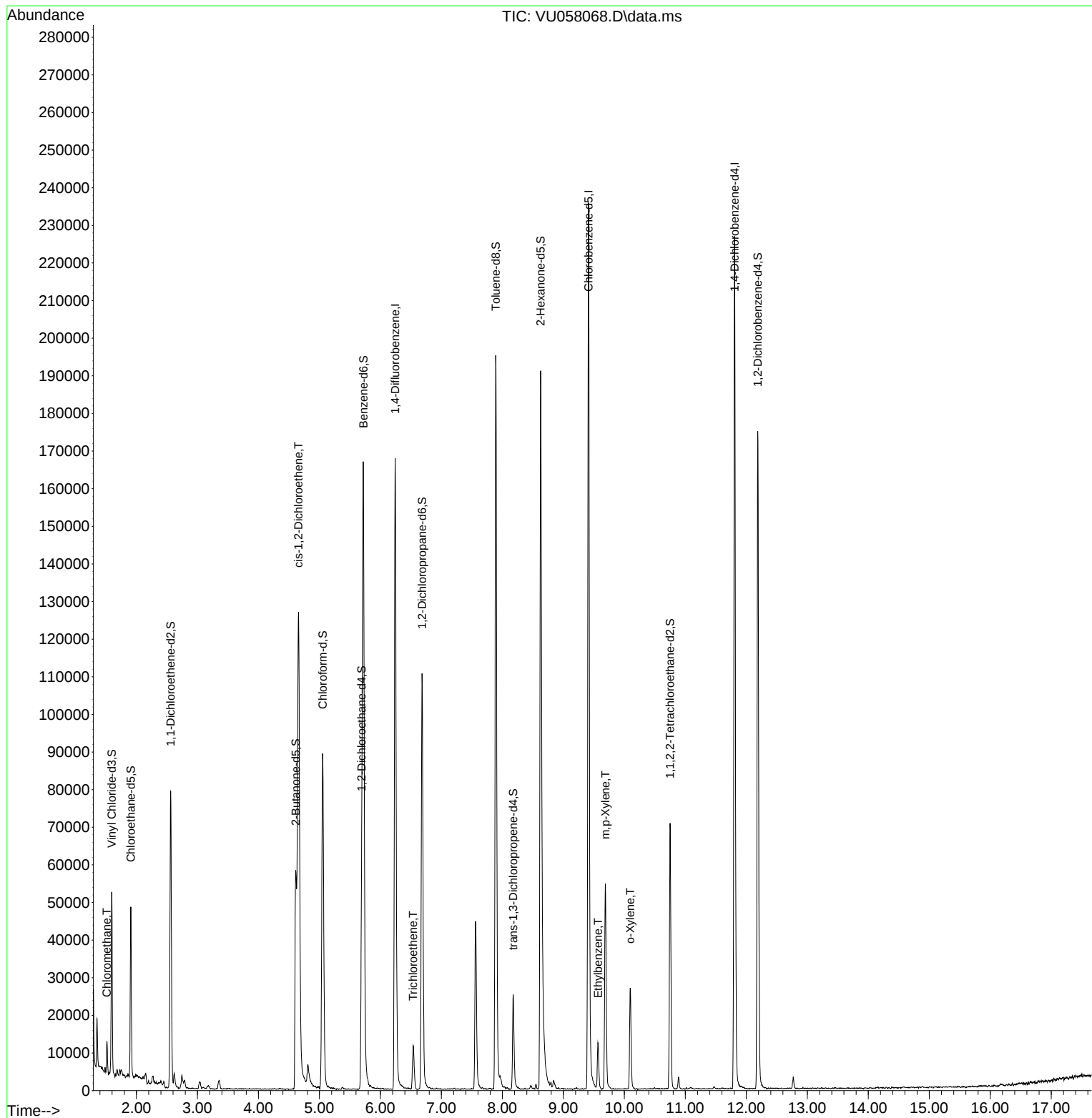
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	139431	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	132425	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	61045	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	31099	3.100	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.000%
7) Chloroethane-d5	1.908	69	31033	3.764	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.560	65	14775	3.403	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	4.612	46	90031	54.468	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.940%
24) Chloroform-d	5.052	84	84309	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.692	65	40663	4.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.721	84	161618	4.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.682	67	53074	4.524	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.891	98	133268	3.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	8.177	79	16168	4.008	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.627	63	74424	54.945	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.900%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	36144	5.024	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	45702	4.546	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
3) Chloromethane	1.515	50	5286	0.535	ug/L	94
22) cis-1,2-Dichloroethene	4.657	96	64138	6.363	ug/L	97
34) Trichloroethene	6.538	95	4464	0.418	ug/L	91
52) Ethylbenzene	9.566	91	9578	0.202	ug/L	99
53) m,p-Xylene	9.689	106	15841	0.936	ug/L	99
54) o-Xylene	10.097	106	7479	0.444	ug/L	95

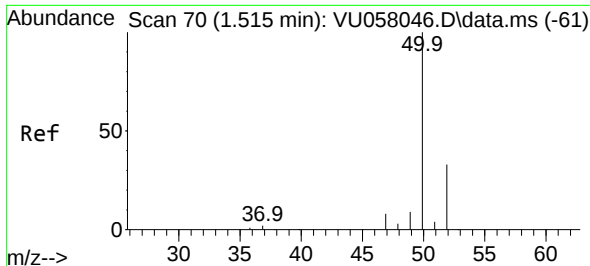
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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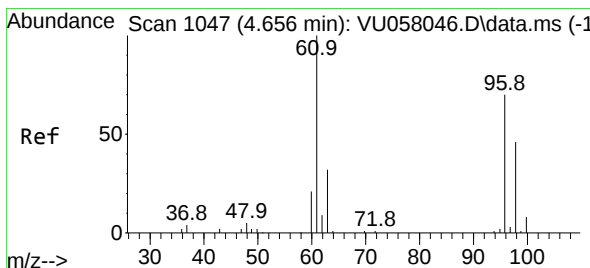
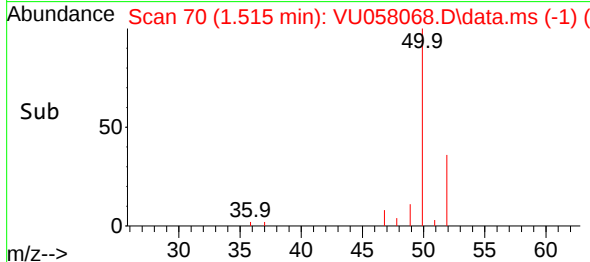
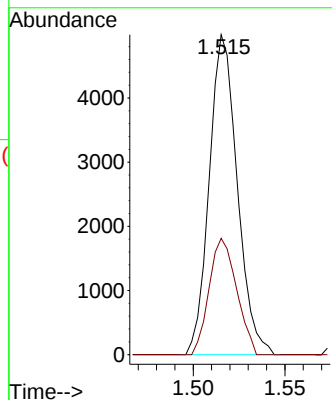
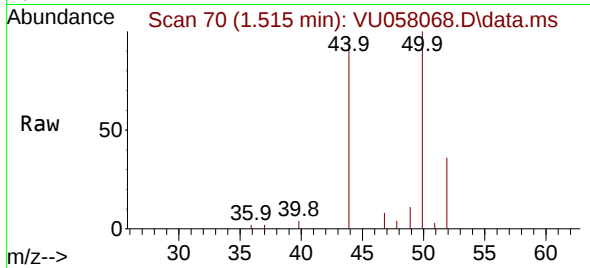




#3
Chloromethane
Concen: 0.535 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU058068.D
Acq: 12 Mar 2024 18:29

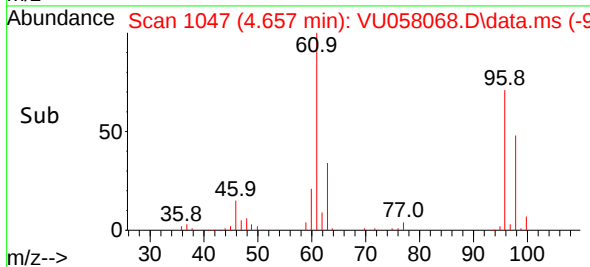
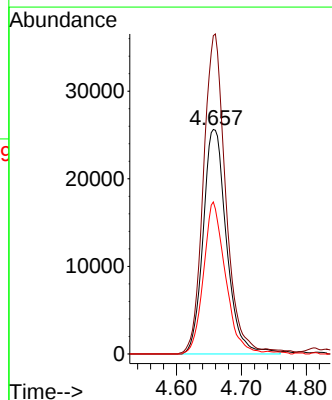
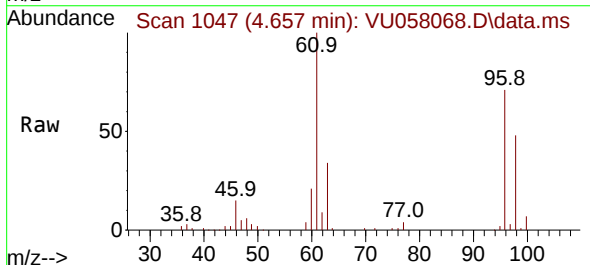
Instrument :
MSVOA_U
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VIBLK182

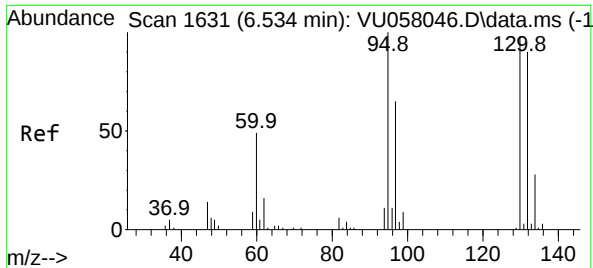
Tgt Ion: 50 Resp: 5286
Ion Ratio Lower Upper
50 100
52 36.4 23.1 42.9



#22
cis-1,2-Dichloroethene
Concen: 6.363 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU058068.D
Acq: 12 Mar 2024 18:29

Tgt Ion: 96 Resp: 64138
Ion Ratio Lower Upper
96 100
61 141.7 97.2 180.4
98 67.7 45.5 84.5

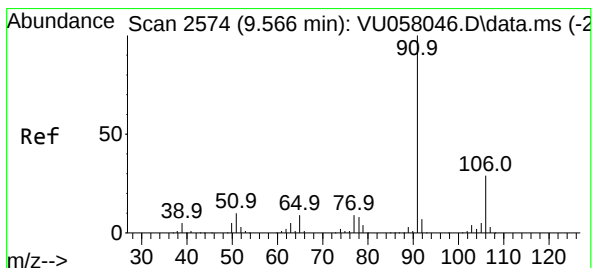
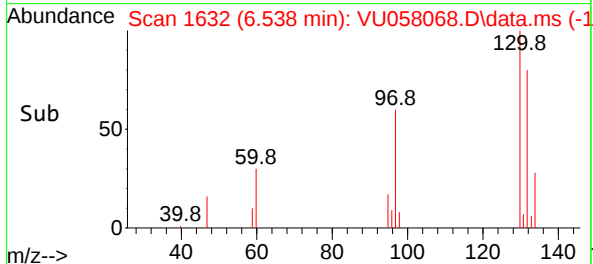
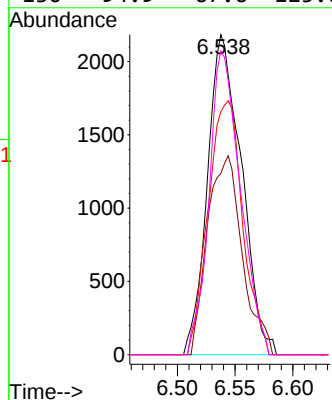
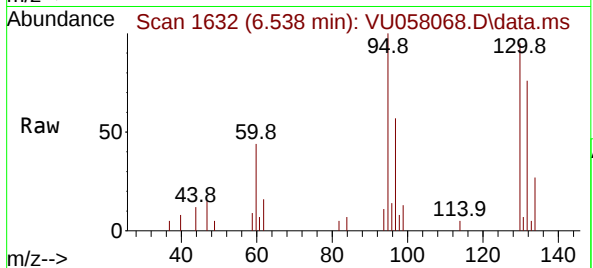




#34
Trichloroethene
Concen: 0.418 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU058068.D
Acq: 12 Mar 2024 18:29

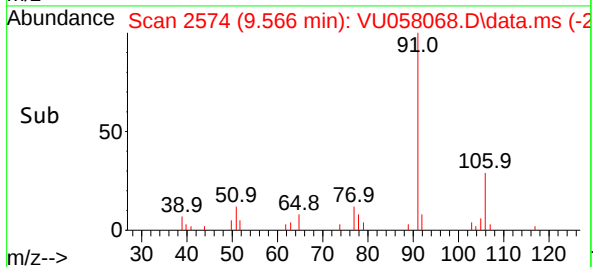
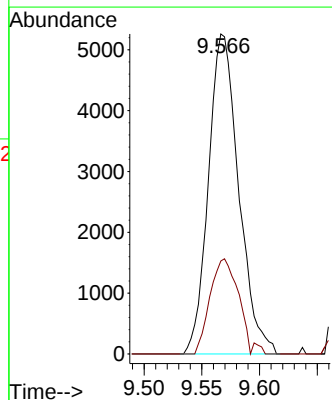
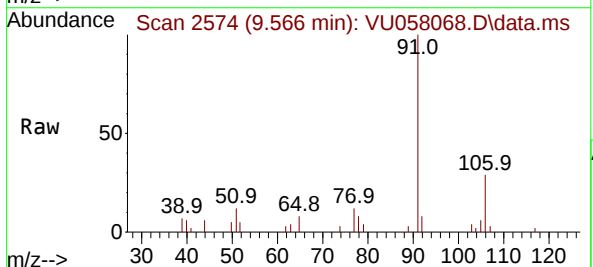
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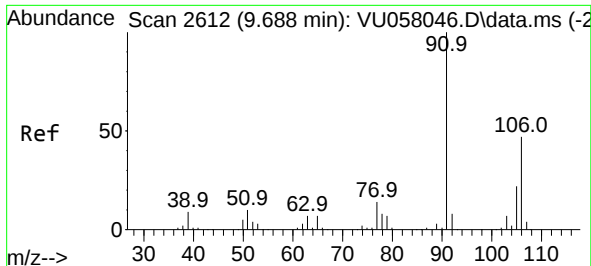
Tgt Ion: 95 Resp: 4464
Ion Ratio Lower Upper
95 100
97 56.6 45.3 84.1
132 76.0 63.1 117.1
130 94.9 67.6 125.6



#52
Ethylbenzene
Concen: 0.202 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU058068.D
Acq: 12 Mar 2024 18:29

Tgt Ion: 91 Resp: 9578
Ion Ratio Lower Upper
91 100
106 29.0 20.9 38.7

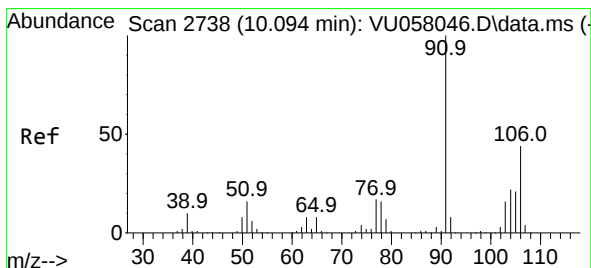
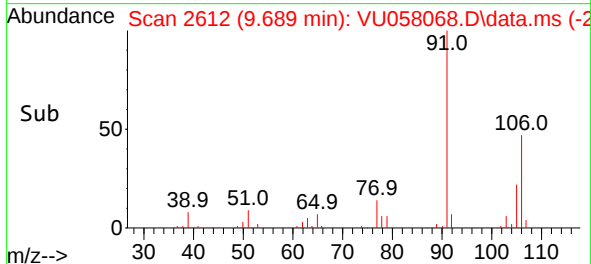
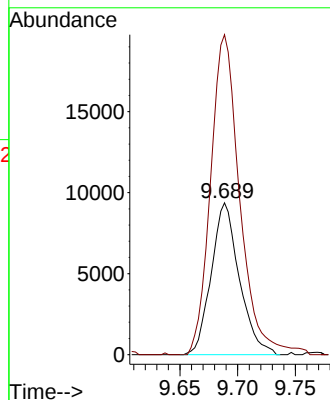
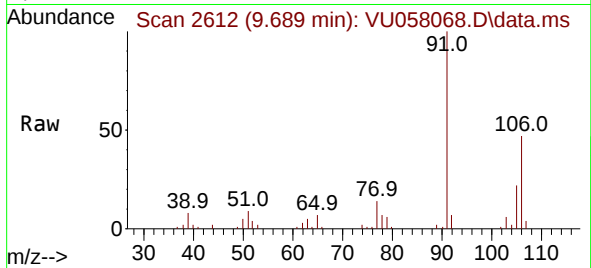




#53
m,p-Xylene
Concen: 0.936 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU058068.D
Acq: 12 Mar 2024 18:29

Instrument :
MSVOA_U
ClientSampleId :
VIBLK182

Tgt Ion:106 Resp: 15841
Ion Ratio Lower Upper
106 100
91 210.8 148.8 276.4



#54
o-Xylene
Concen: 0.444 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU058068.D
Acq: 12 Mar 2024 18:29

Tgt Ion:106 Resp: 7479
Ion Ratio Lower Upper
106 100
91 218.6 158.3 294.1

