

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
 Data File : VU051522.D
 Acq On : 27 Oct 2022 00:00
 Operator : JC/MD
 Sample : N5300-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAC4

Quant Time: Oct 27 08:25:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 08:11:03 2022
 Response via : Initial Calibration

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

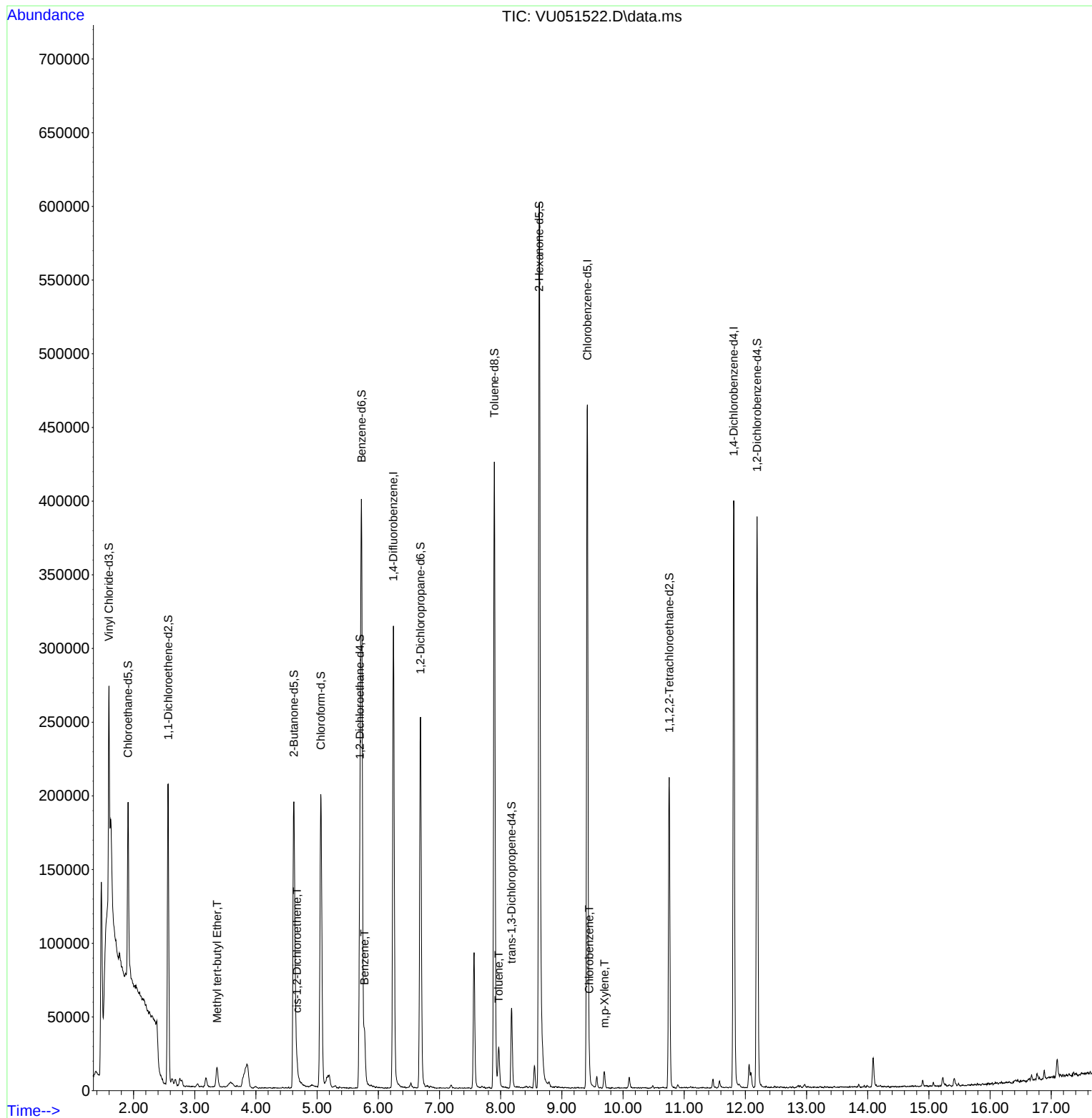
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	256472	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	266455	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	109990	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	103846	5.020	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.400%
7) Chloroethane-d5	1.909	69	93768	5.275	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.565	65	39334	4.810	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.620	46	282947	62.120	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.240%
24) Chloroform-d	5.060	84	189315	4.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.700	65	102676	5.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.726	84	381646	5.207	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	6.687	67	127071	5.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.896	98	300355	4.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.179	79	32643	3.991	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.629	63	202121	73.325	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	146.660%#
56) 1,1,2,2-Tetrachloroeth...	10.755	84	109169	5.490	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	105220	5.504	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.366	73	14174	0.331	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	2191	0.101	ug/L	97
33) Benzene	5.774	78	33364	0.375	ug/L	100
42) Toluene	7.967	91	19941	0.211	ug/L	95
51) Chlorobenzene	9.446	112	6373	0.113	ug/L	91
53) m,p-Xylene	9.697	106	3362	0.102	ug/L	94

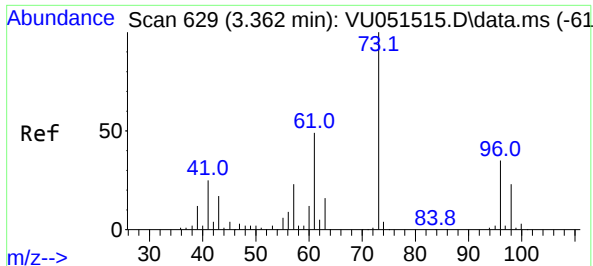
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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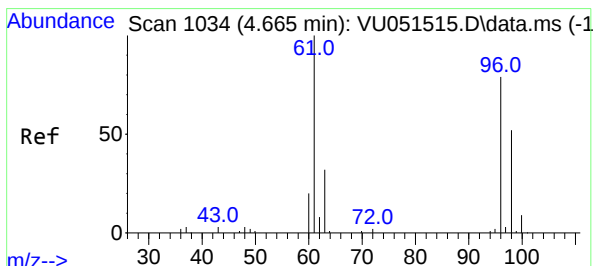
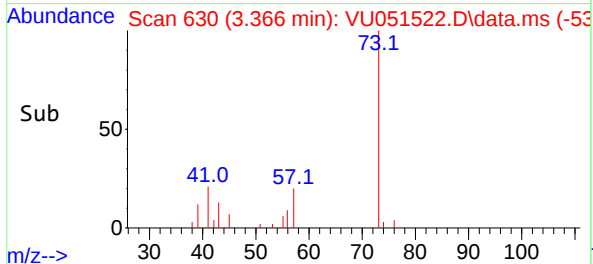
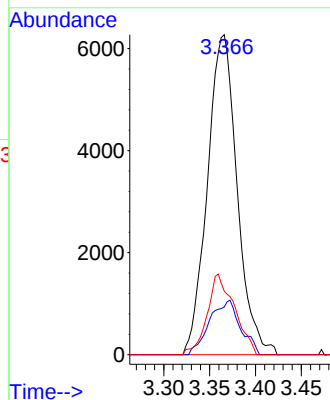
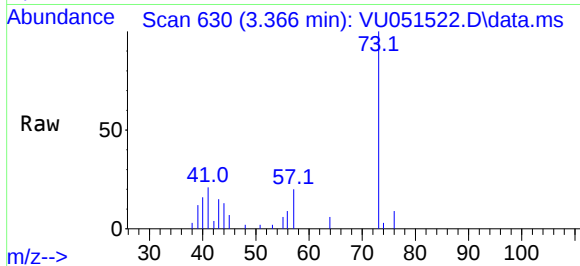


#17
Methyl tert-butyl Ether
Concen: 0.331 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051522.D
Acq: 27 Oct 2022 00:00

Instrument :
MSVOA_U
ClientSampleId :
BHAC4

Tgt Ion: 73 Resp: 14174

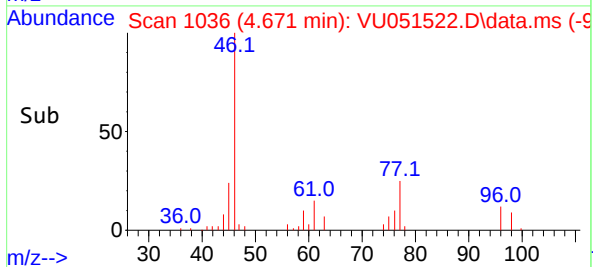
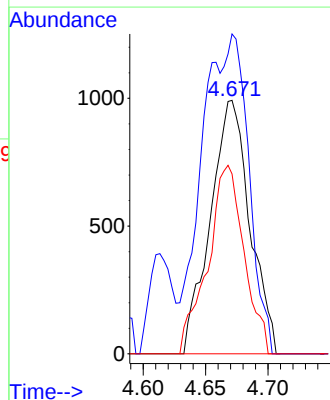
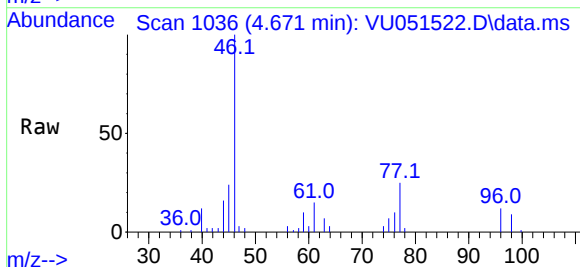
Ion	Ratio	Lower	Upper
73	100		
43	17.6	15.4	23.0
57	23.1	18.9	28.3

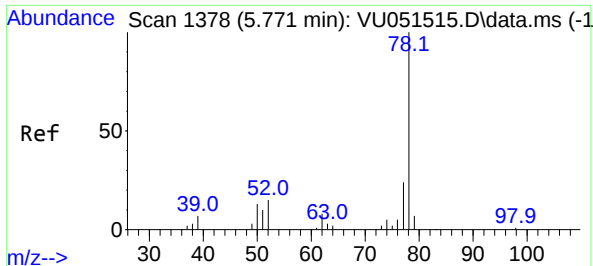


#22
cis-1,2-Dichloroethene
Concen: 0.101 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VU051522.D
Acq: 27 Oct 2022 00:00

Tgt Ion: 96 Resp: 2191

Ion	Ratio	Lower	Upper
96	100		
61	126.2	90.6	168.2
98	71.0	47.5	88.3

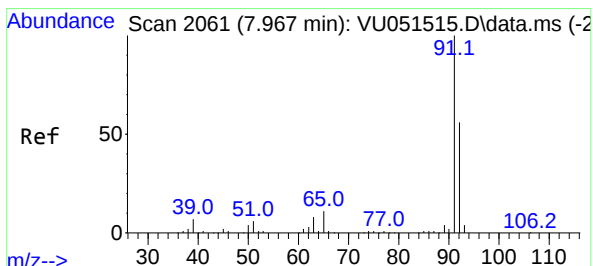
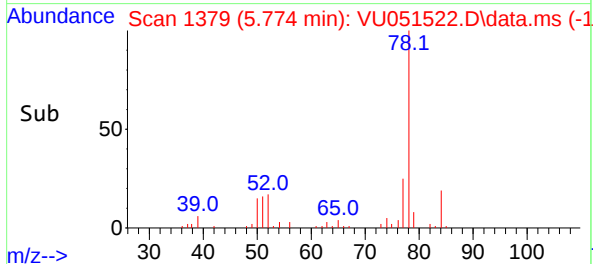
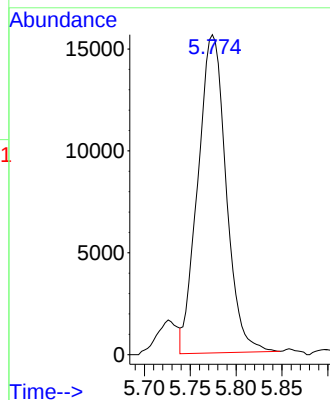
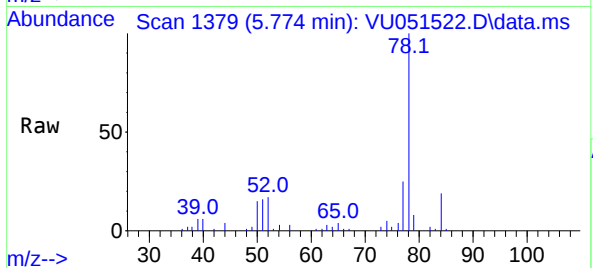




#33
Benzene
Concen: 0.375 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051522.D
Acq: 27 Oct 2022 00:00

Instrument : MSVOA_U
ClientSampleId : BHAC4

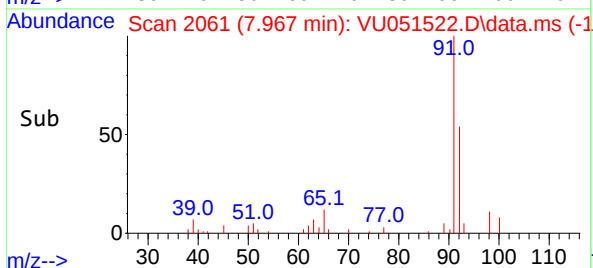
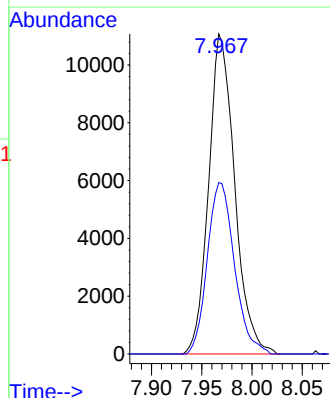
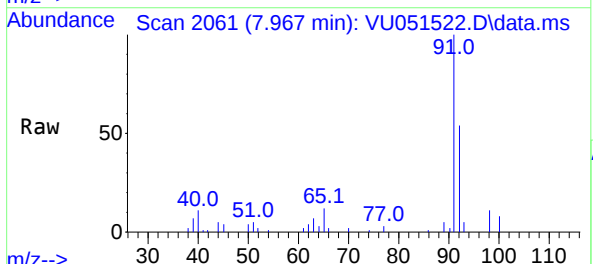
Tgt Ion: 78 Resp: 33364

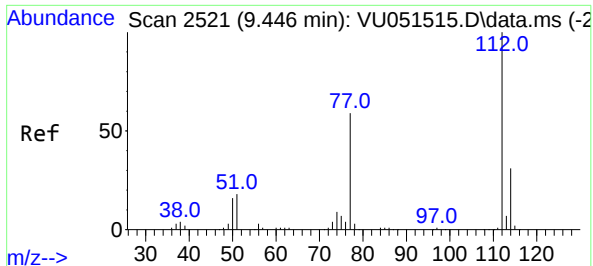


#42
Toluene
Concen: 0.211 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU051522.D
Acq: 27 Oct 2022 00:00

Tgt Ion: 91 Resp: 19941

Ion	Ratio	Lower	Upper
91	100		
92	53.5	39.9	74.1

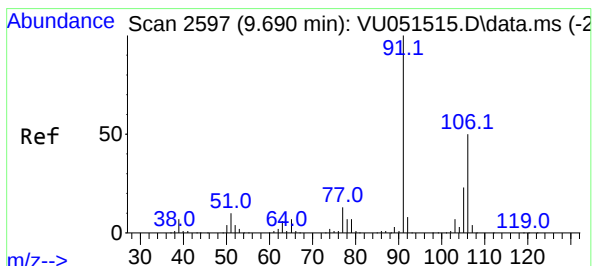
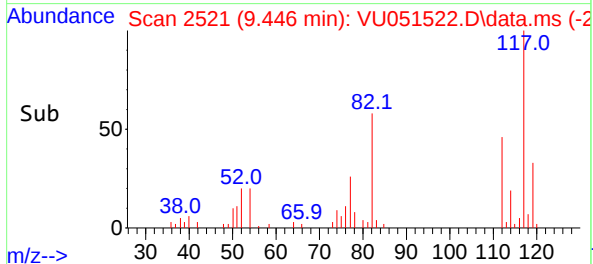
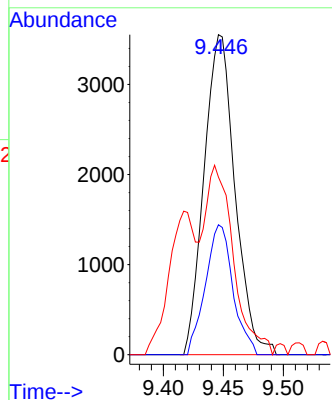
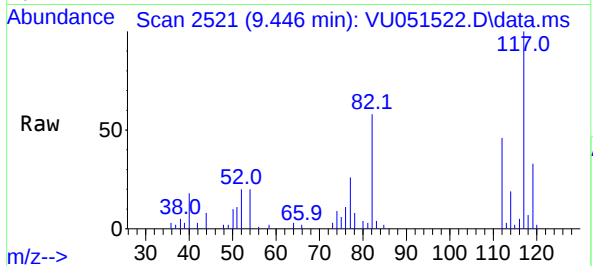




#51
Chlorobenzene
Concen: 0.113 ug/L
RT: 9.446 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051522.D
Acq: 27 Oct 2022 00:00

Instrument :
MSVOA_U
ClientSampleId :
BHAC4

Tgt Ion:112 Resp: 6373
Ion Ratio Lower Upper
112 100
114 40.6 22.3 41.5
77 55.5 48.1 72.1



#53
m,p-Xylene
Concen: 0.102 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.006 min
Lab File: VU051522.D
Acq: 27 Oct 2022 00:00

Tgt Ion:106 Resp: 3362
Ion Ratio Lower Upper
106 100
91 196.9 143.9 267.3

