

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050294.D
 Acq On : 12 Aug 2022 20:53
 Operator : SY/MD
 Sample : N4072-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUX3

Quant Time: Aug 13 01:24:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 01:20:27 2022
 Response via : Initial Calibration

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

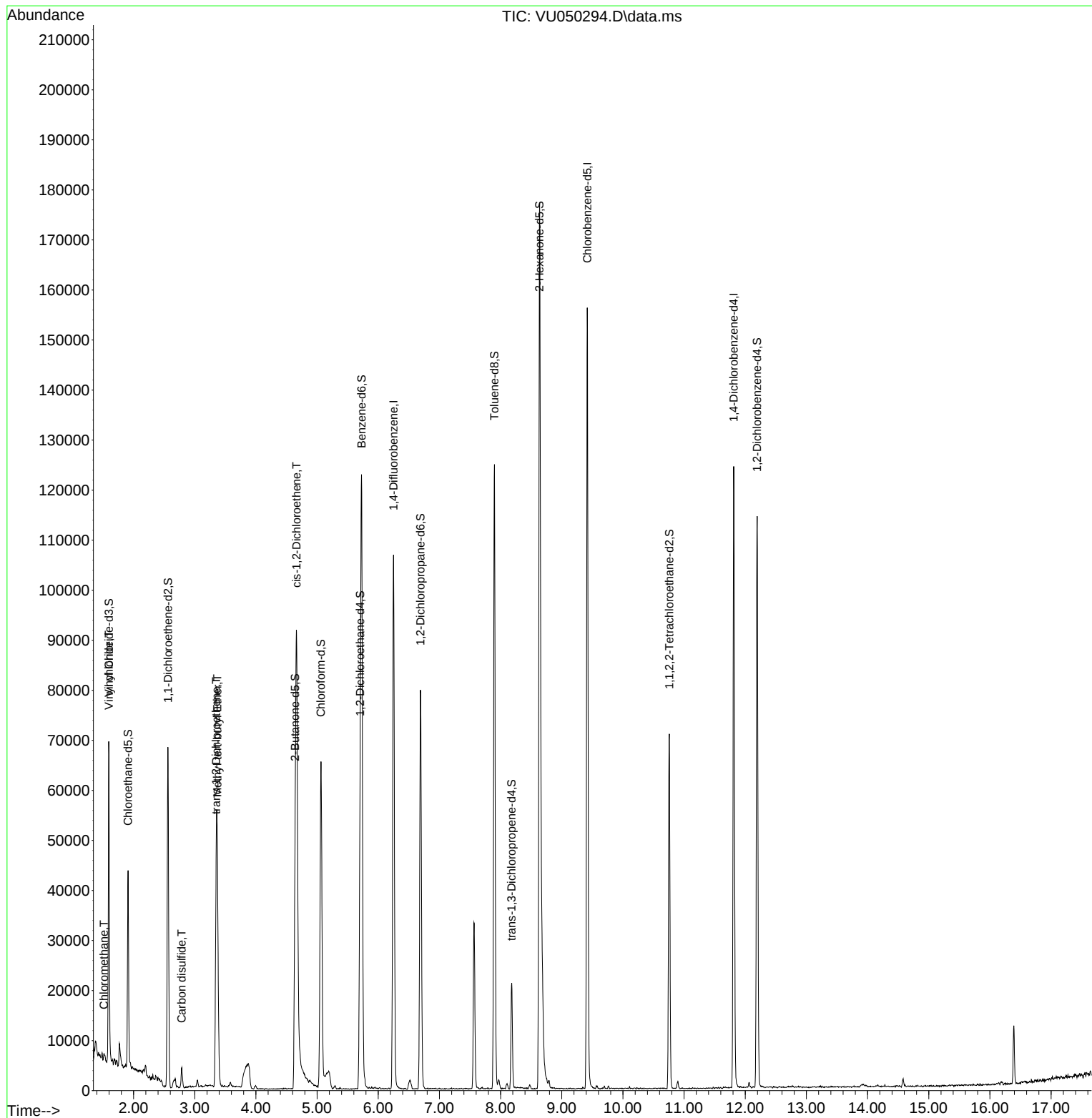
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	86981	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	88441	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34587	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	34932	4.826	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.909	69	28031	4.800	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.562	65	12803	4.526	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.642	46	84396	47.811	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.620%
24) Chloroform-d	5.063	84	61595	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.703	65	33175	4.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.729	84	114434	4.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.690	67	40331	4.438	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.899	98	86654	3.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	8.179	79	12190	3.743	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.800%
46) 2-Hexanone-d5	8.635	63	62401	54.030	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37069	4.645	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	30526	4.505	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	1402	0.134	ug/L	86
5) Vinyl chloride	1.597	62	13699	1.466	ug/L	88
14) Carbon disulfide	2.787	76	5523	0.257	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	39572	2.522	ug/L	97
18) trans-1,2-Dichloroethene	3.349	96	11907	1.769	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	35430	4.742	ug/L	98

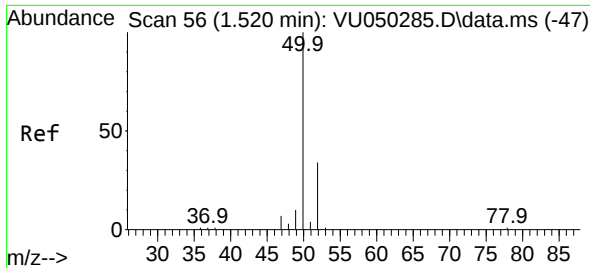
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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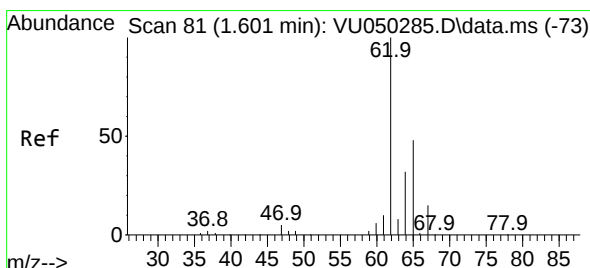
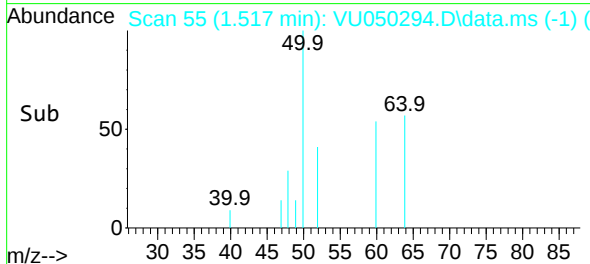
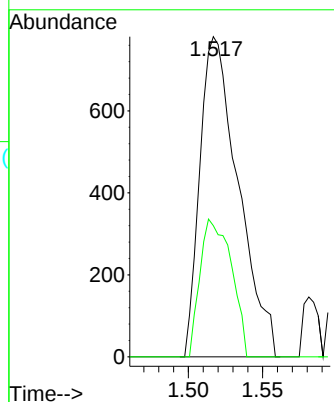
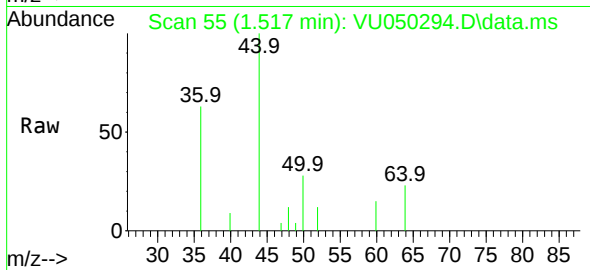




#3
Chloromethane
Concen: 0.134 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050294.D
Acq: 12 Aug 2022 20:53

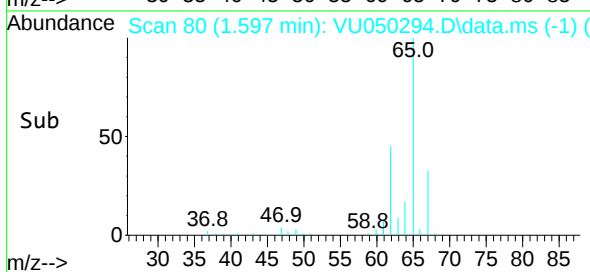
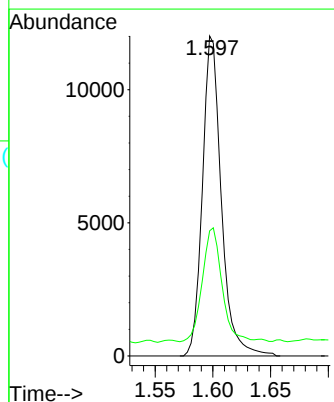
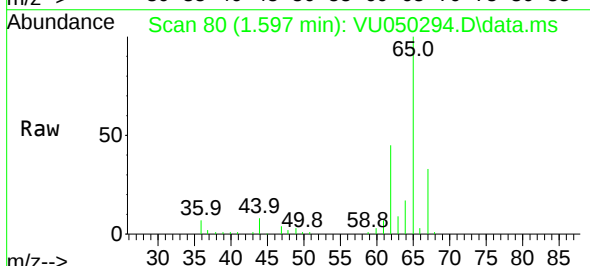
Instrument :
MSVOA_U
ClientSampleId :
DBUX3

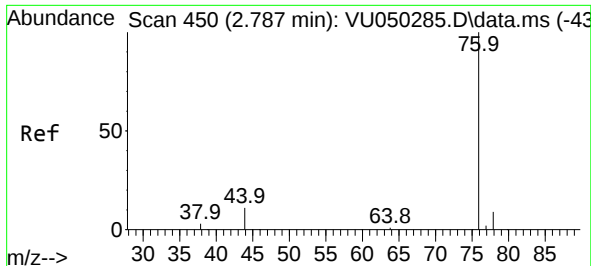
Tgt Ion: 50 Resp: 1402
Ion Ratio Lower Upper
50 100
52 41.0 23.2 43.2



#5
Vinyl chloride
Concen: 1.466 ug/L
RT: 1.597 min Scan# 80
Delta R.T. -0.003 min
Lab File: VU050294.D
Acq: 12 Aug 2022 20:53

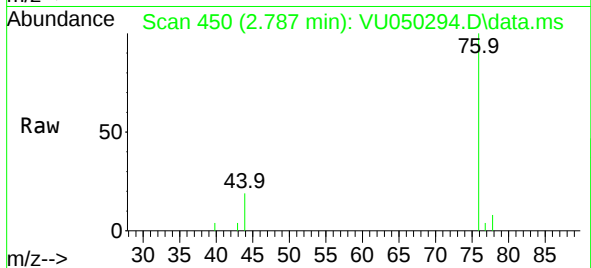
Tgt Ion: 62 Resp: 13699
Ion Ratio Lower Upper
62 100
64 39.1 22.8 42.4



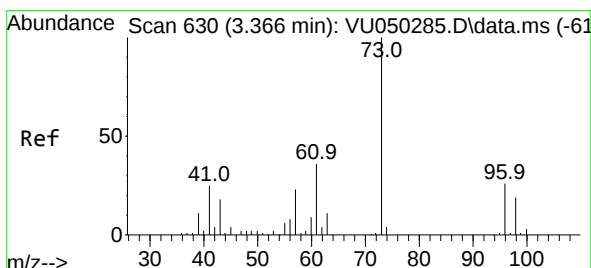
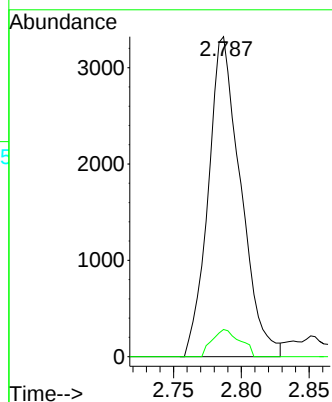
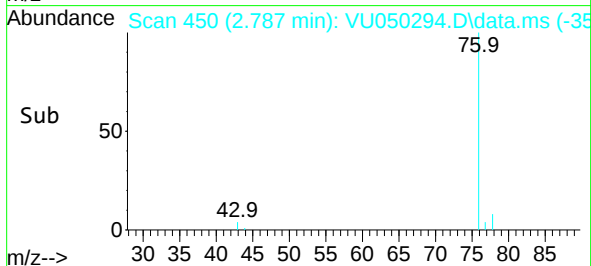


#14
Carbon disulfide
Concen: 0.257 ug/L
RT: 2.787 min Scan# 411
Delta R.T. -0.000 min
Lab File: VU050294.D
Acq: 12 Aug 2022 20:53

Instrument :
MSVOA_U
ClientSampleId :
DBUX3

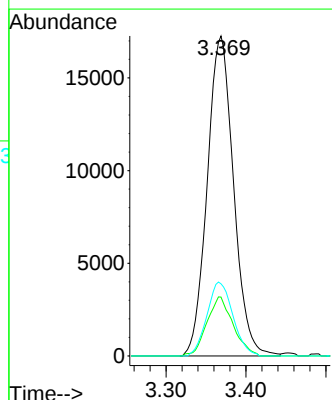
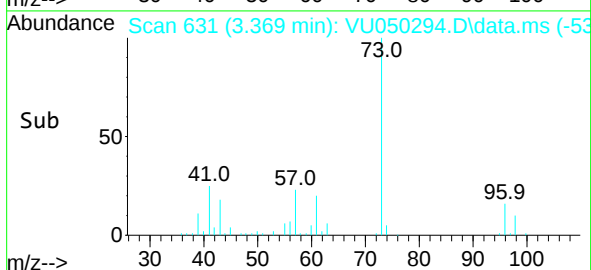
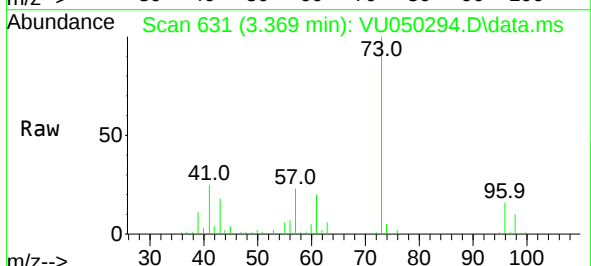


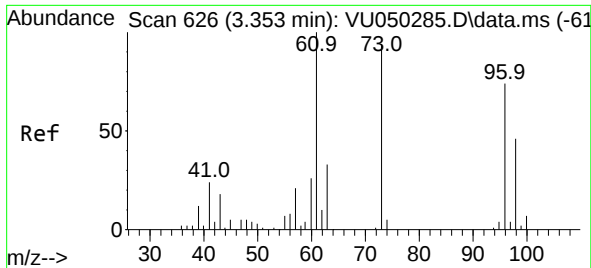
Tgt Ion: 76 Resp: 5523
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#17
Methyl tert-butyl Ether
Concen: 2.522 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU050294.D
Acq: 12 Aug 2022 20:53

Tgt Ion: 73 Resp: 39572
Ion Ratio Lower Upper
73 100
43 18.3 13.5 20.3
57 22.7 17.4 26.2

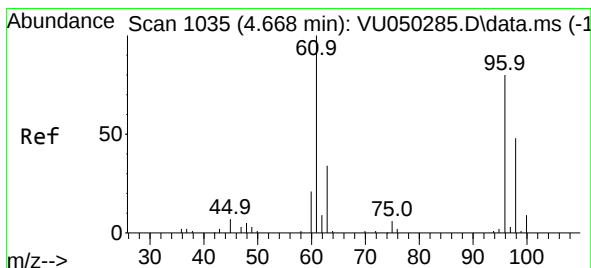
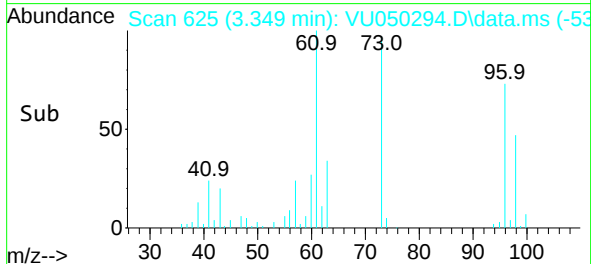
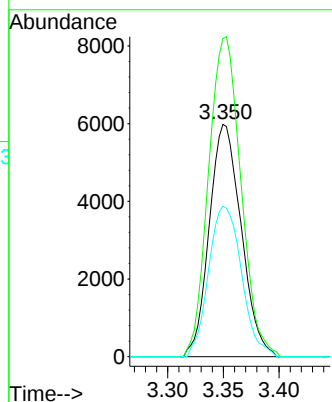
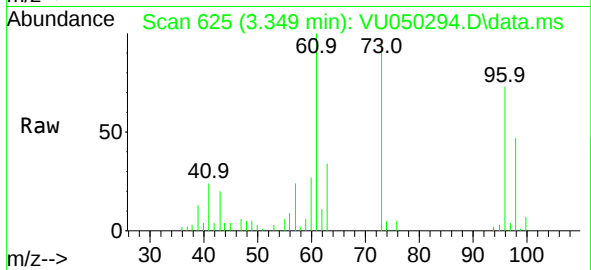




#18
trans-1,2-Dichloroethene
Concen: 1.769 ug/L
RT: 3.349 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU050294.D
Acq: 12 Aug 2022 20:53

Instrument :
MSVOA_U
ClientSampleId :
DBUX3

Tgt Ion: 96 Resp: 11907
Ion Ratio Lower Upper
96 100
61 136.9 92.3 171.5
98 64.7 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 4.742 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU050294.D
Acq: 12 Aug 2022 20:53

Tgt Ion: 96 Resp: 35430
Ion Ratio Lower Upper
96 100
61 125.5 89.0 165.4
98 62.4 45.2 84.0

