

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081322\
 Data File : VU050324.D
 Acq On : 13 Aug 2022 17:28
 Operator : SY/MD
 Sample : N4072-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUX3

Quant Time: Aug 14 01:28:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Aug 14 01:24:58 2022
 Response via : Initial Calibration

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

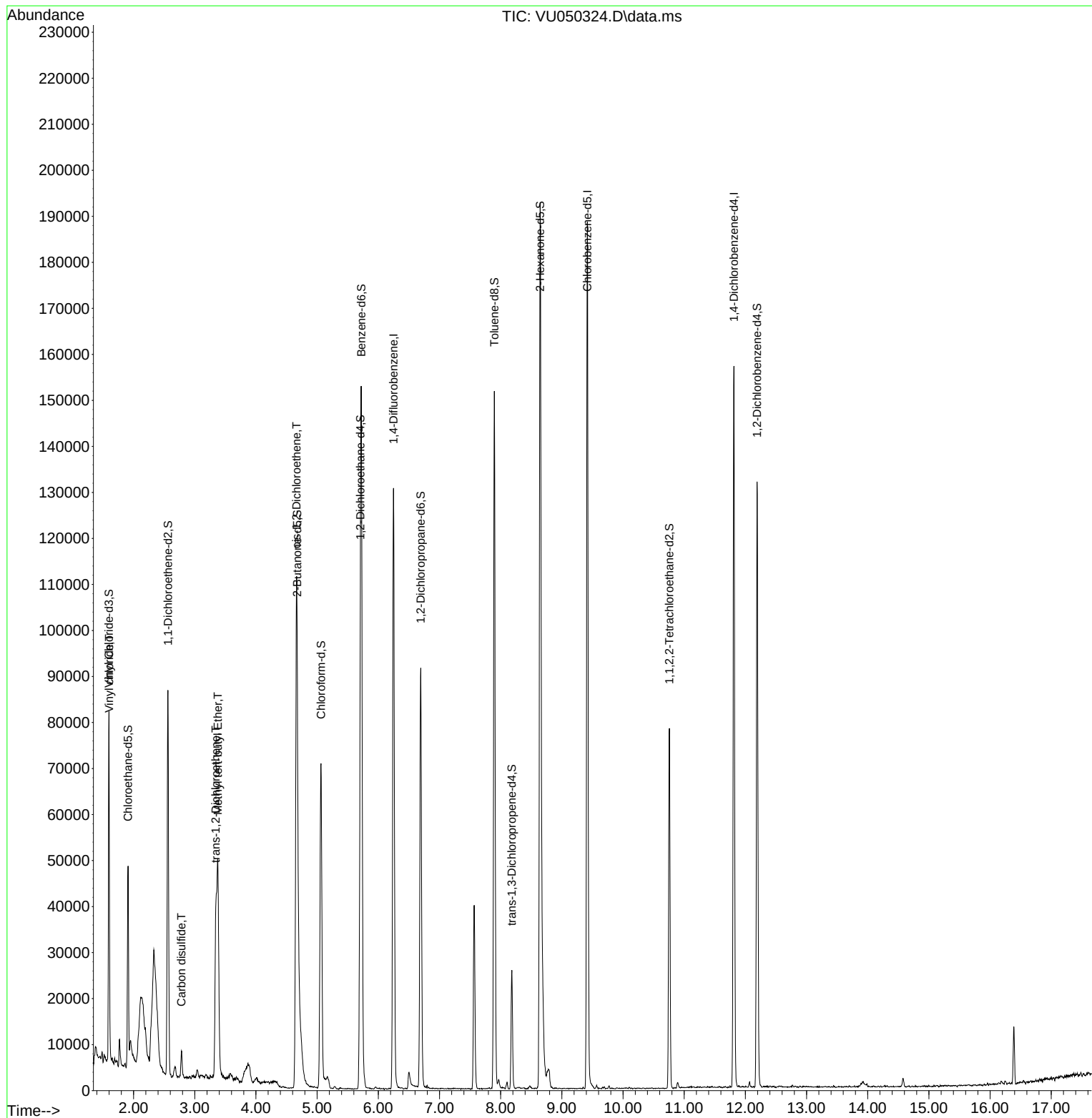
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	106193	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	106283	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	42251	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	41934	4.745	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.909	69	31638	4.437	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.562	65	16068	4.652	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.675	46	107552	49.906	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.820%
24) Chloroform-d	5.064	84	66858	4.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	5.707	65	36571	4.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.723	84	130993	3.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.694	67	45141	4.133	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.600%
41) Toluene-d8	7.896	98	103128	3.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.400%
43) trans-1,3-Dichloroprop...	8.182	79	14769	3.773	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.645	63	62579	45.088	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.180%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40720	4.246	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	35529	4.292	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
5) Vinyl chloride	1.601	62	13428	1.177	ug/L	84
14) Carbon disulfide	2.784	76	7294	0.278	ug/L	96
17) Methyl tert-butyl Ether	3.376	73	51111	2.668	ug/L	97
18) trans-1,2-Dichloroethene	3.343	96	12754	1.552	ug/L	88
22) cis-1,2-Dichloroethene	4.662	96	37389	4.099	ug/L	97

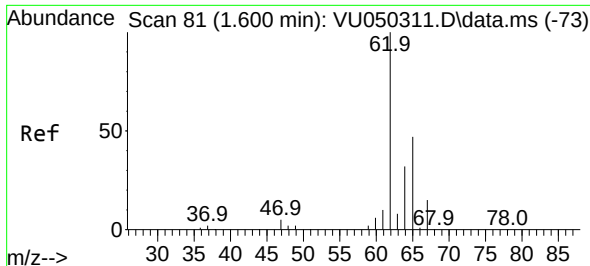
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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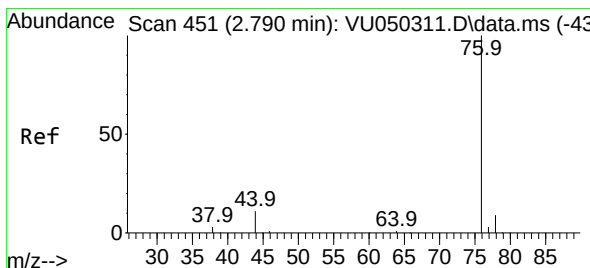
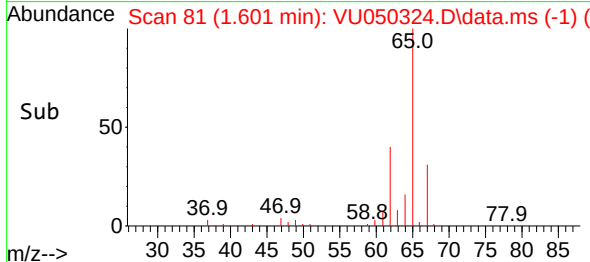
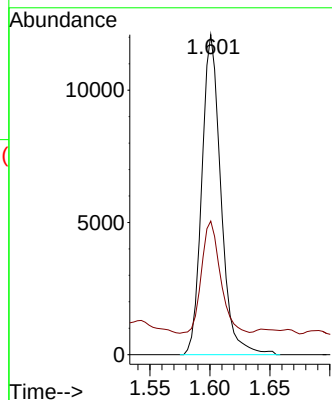
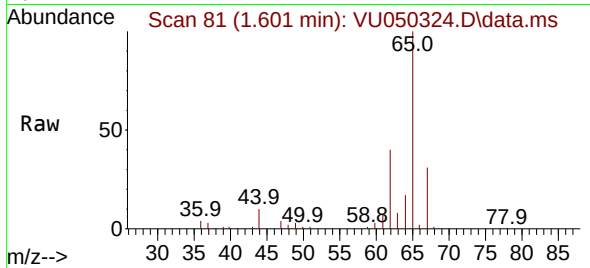




#5
 Vinyl chloride
 Concen: 1.177 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050324.D
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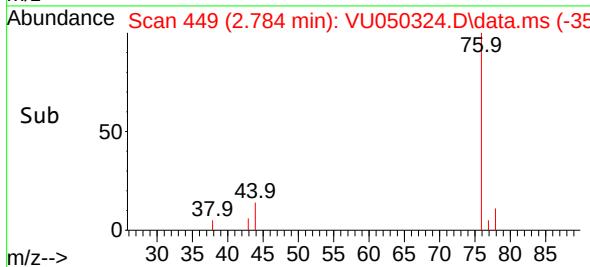
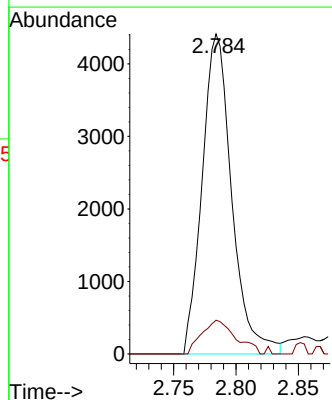
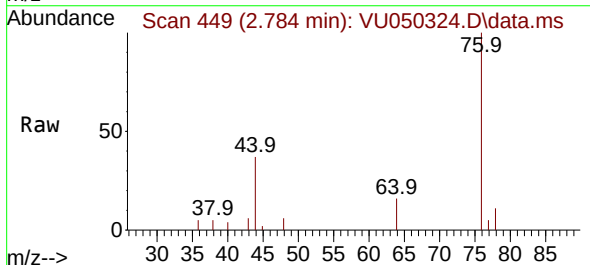
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUX3

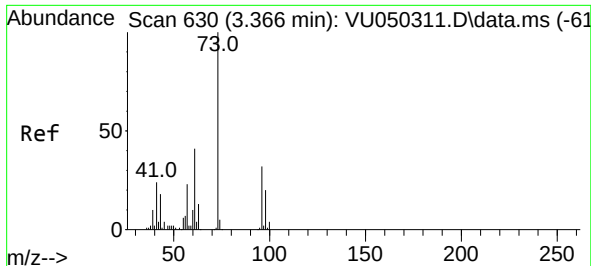
Tgt Ion: 62 Resp: 13428
 Ion Ratio Lower Upper
 62 100
 64 41.8 22.8 42.4



#14
 Carbon disulfide
 Concen: 0.278 ug/L
 RT: 2.784 min Scan# 449
 Delta R.T. -0.006 min
 Lab File: VU050324.D
 Acq: 13 Aug 2022 17:28

Tgt Ion: 76 Resp: 7294
 Ion Ratio Lower Upper
 76 100
 78 10.5 7.4 11.0





#17

Methyl tert-butyl Ether

Concen: 2.668 ug/L

RT: 3.376 min Scan# 611

Delta R.T. 0.010 min

Lab File: VU050324.D

Acq: 13 Aug 2022 17:28

Instrument :

MSVOA_U

ClientSampleId :

DBUX3

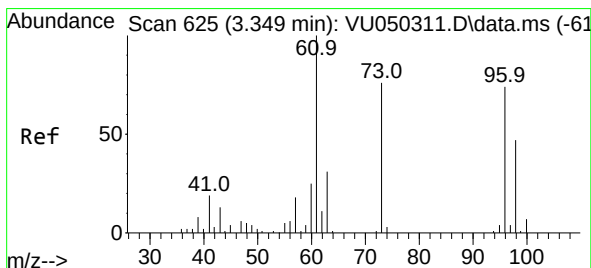
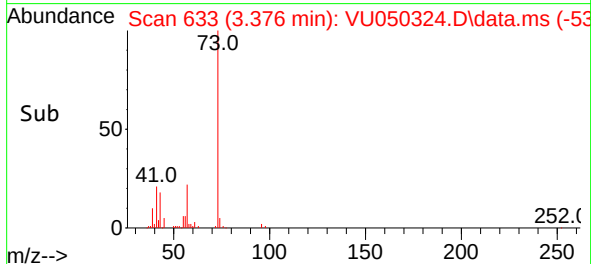
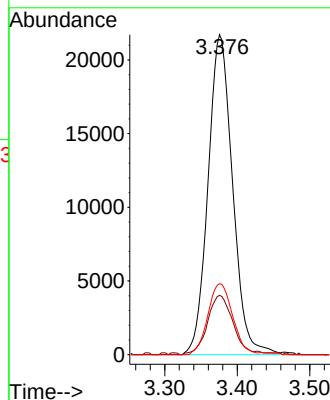
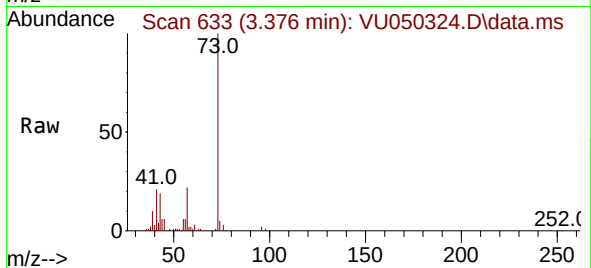
Tgt Ion: 73 Resp: 51111

Ion Ratio Lower Upper

73 100

43 19.1 13.5 20.3

57 22.3 17.4 26.2



#18

trans-1,2-Dichloroethene

Concen: 1.552 ug/L

RT: 3.343 min Scan# 623

Delta R.T. -0.006 min

Lab File: VU050324.D

Acq: 13 Aug 2022 17:28

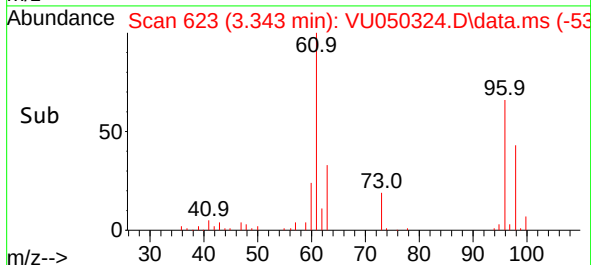
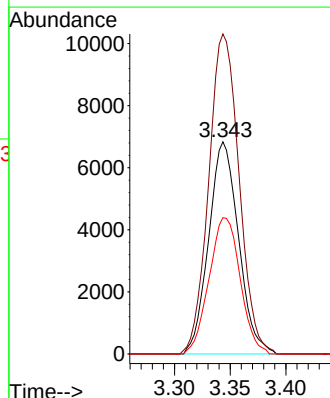
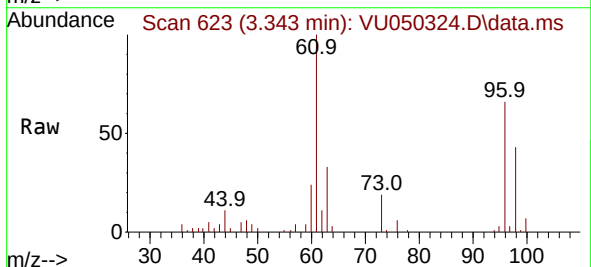
Tgt Ion: 96 Resp: 12754

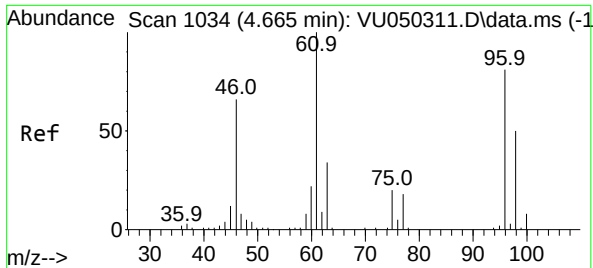
Ion Ratio Lower Upper

96 100

61 150.9 92.3 171.5

98 64.3 43.2 80.2





#22
 cis-1,2-Dichloroethene
 Concen: 4.099 ug/L
 RT: 4.662 min Scan# 10
 Delta R.T. -0.003 min
 Lab File: VU050324.D
 Acq: 13 Aug 2022 17:28

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUX3

Tgt Ion: 96 Resp: 37389
 Ion Ratio Lower Upper
 96 100
 61 121.6 89.0 165.4
 98 64.7 45.2 84.0

