

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050204.D
 Acq On : 10 Aug 2022 01:37
 Operator : SY/MD
 Sample : N4076-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUV0

Quant Time: Aug 10 06:36:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 10 05:49:54 2022
 Response via : Initial Calibration

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

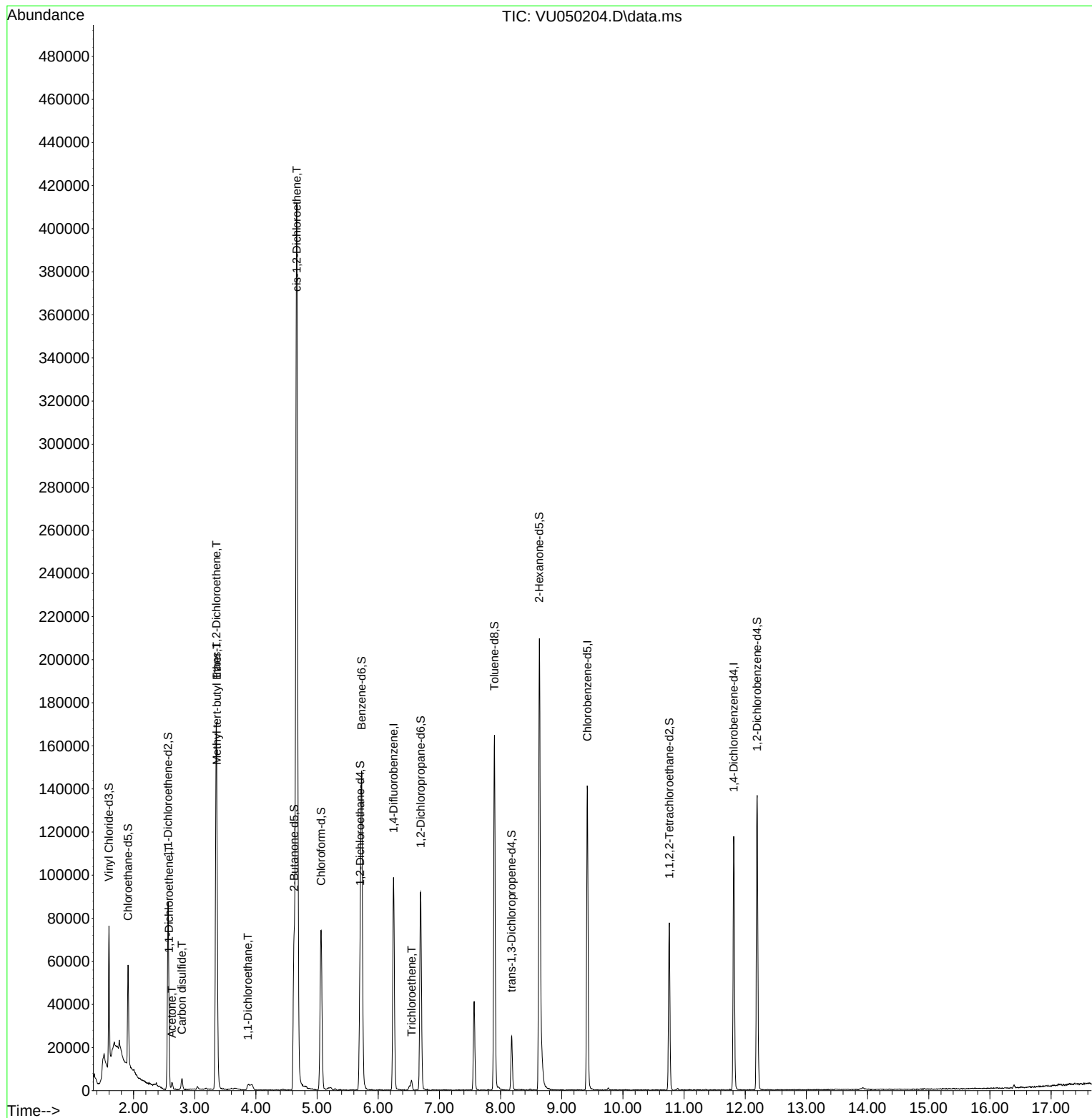
Internal Standards							
1) 1,4-Difluorobenzene		6.250	114	80257	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.417	117	81162	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.812	152	32209	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.597	65	45028	6.742	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	134.800%	#
7) Chloroethane-d5		1.909	69	34936	6.483	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	129.600%	
11) 1,1-Dichloroethene-d2		2.565	65	15693	6.012	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	120.200%	
20) 2-Butanone-d5		4.623	46	99597	61.149	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.300%	
24) Chloroform-d		5.067	84	71240	5.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.600%	
26) 1,2-Dichloroethane-d4		5.703	65	37167	5.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.600%	
32) Benzene-d6		5.729	84	141556	5.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.800%	
36) 1,2-Dichloropropane-d6		6.693	67	47531	5.699	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.000%	
41) Toluene-d8		7.899	98	111811	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%	
43) trans-1,3-Dichloroprop...		8.179	79	15048	5.035	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%	
46) 2-Hexanone-d5		8.632	63	67384	63.577	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.160%	
56) 1,1,2,2-Tetrachloroeth...		10.758	84	40773	5.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.400%	
66) 1,2-Dichlorobenzene-d4		12.195	152	37845	5.997	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.000%	
Target Compounds							
							Qvalue
12) 1,1-Dichloroethene		2.578	96	2660	0.479	ug/L	# 1
13) Acetone		2.626	43	3586	3.953	ug/L	92
14) Carbon disulfide		2.790	76	7241	0.365	ug/L	100
17) Methyl tert-butyl Ether		3.362	73	9484	0.655	ug/L	99
18) trans-1,2-Dichloroethene		3.353	96	70362	11.328	ug/L	95
19) 1,1-Dichloroethane		3.870	63	2076	0.176	ug/L	# 87
22) cis-1,2-Dichloroethene		4.668	96	219258	31.803	ug/L	98
34) Trichloroethene		6.546	95	1611	0.234	ug/L	87

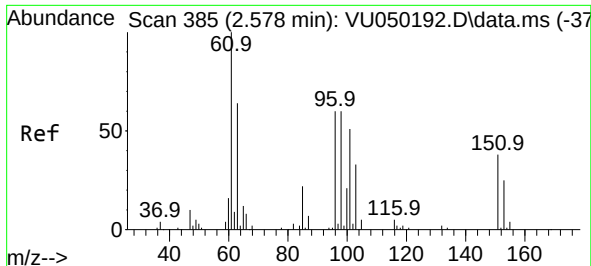
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.479 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU050204.D

Acq: 10 Aug 2022 01:37

Instrument :

MSVOA_U

ClientSampleId :

DBUV0

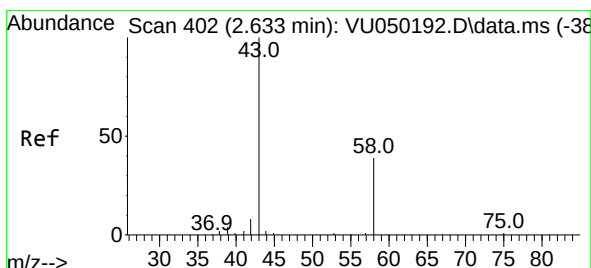
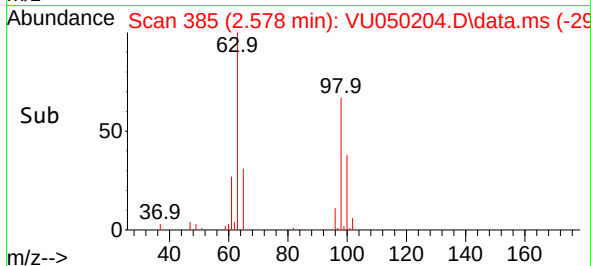
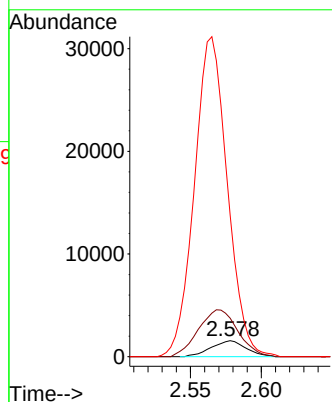
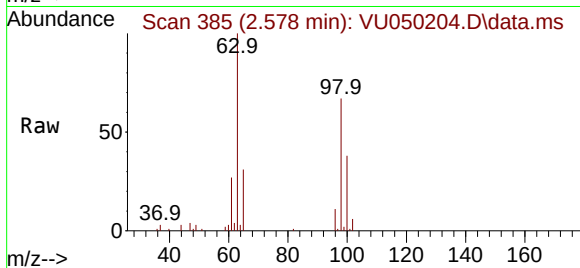
Tgt Ion: 96 Resp: 2660

Ion Ratio Lower Upper

96 100

61 241.0 122.7 227.9#

63 888.2 85.1 158.1#



#13

Acetone

Concen: 3.953 ug/L

RT: 2.626 min Scan# 400

Delta R.T. -0.007 min

Lab File: VU050204.D

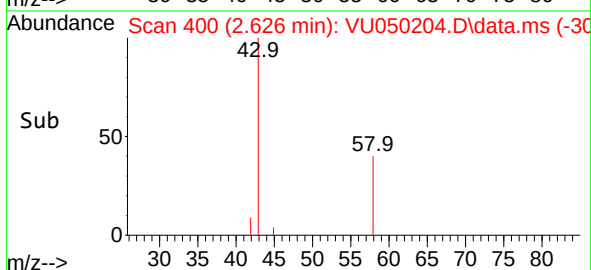
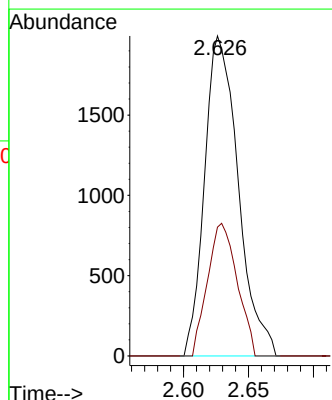
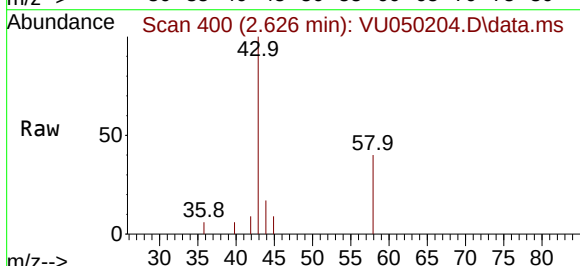
Acq: 10 Aug 2022 01:37

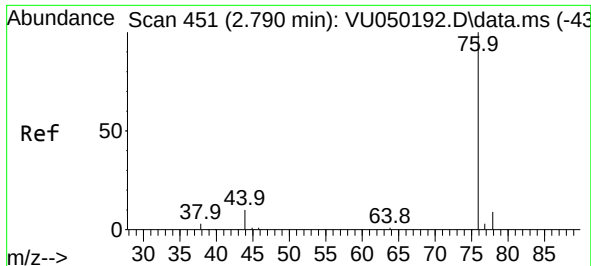
Tgt Ion: 43 Resp: 3586

Ion Ratio Lower Upper

43 100

58 36.4 0.0 64.0





#14

Carbon disulfide

Concen: 0.365 ug/L

RT: 2.790 min Scan# 4

Delta R.T. -0.000 min

Lab File: VU050204.D

Acq: 10 Aug 2022 01:37

Instrument :

MSVOA_U

ClientSampleId :

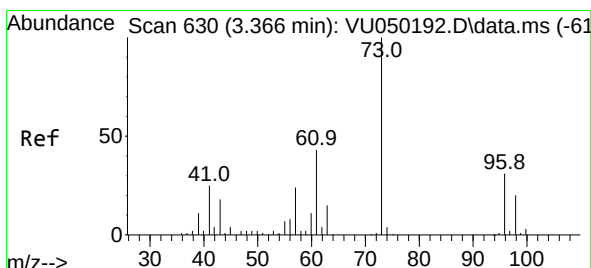
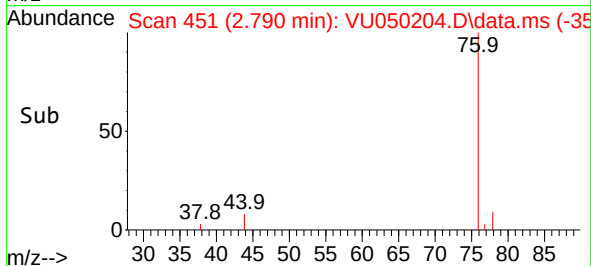
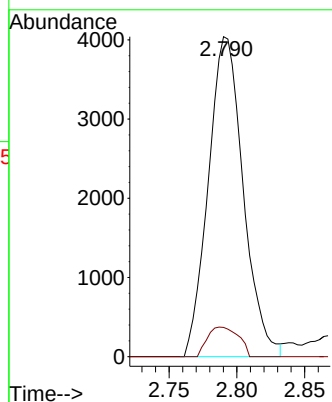
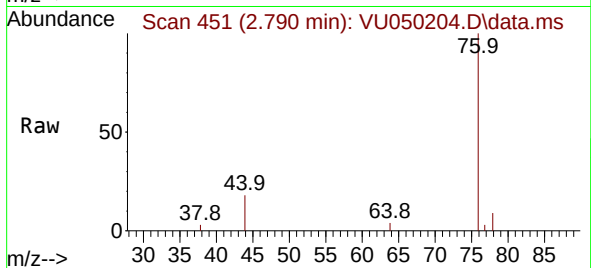
DBUV0

Tgt Ion: 76 Resp: 7241

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



#17

Methyl tert-butyl Ether

Concen: 0.655 ug/L

RT: 3.362 min Scan# 629

Delta R.T. -0.003 min

Lab File: VU050204.D

Acq: 10 Aug 2022 01:37

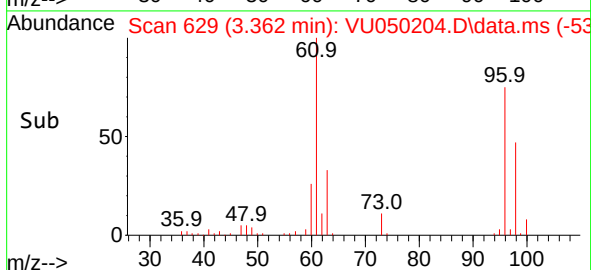
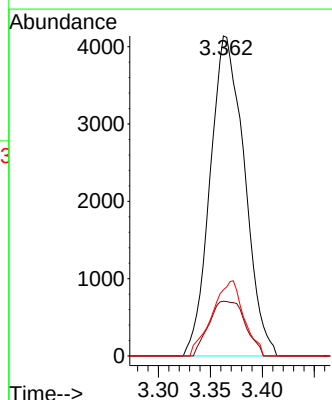
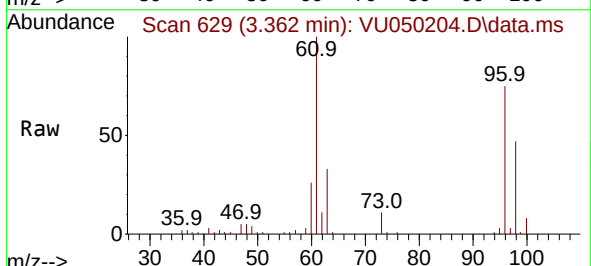
Tgt Ion: 73 Resp: 9484

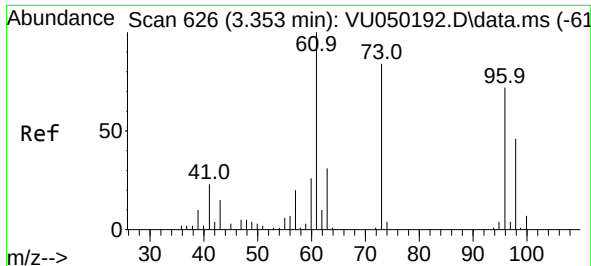
Ion Ratio Lower Upper

73 100

43 18.1 13.5 20.3

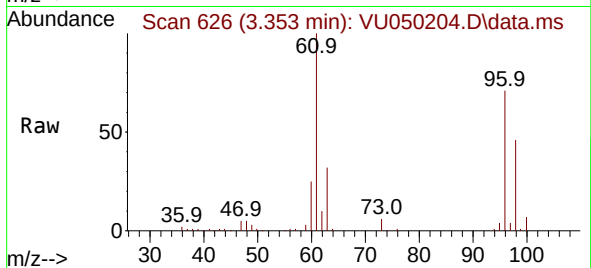
57 21.8 17.4 26.2



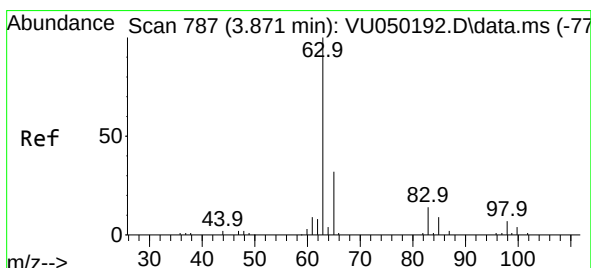
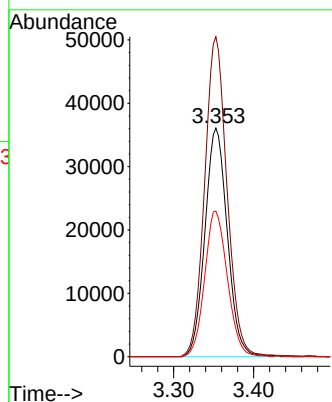
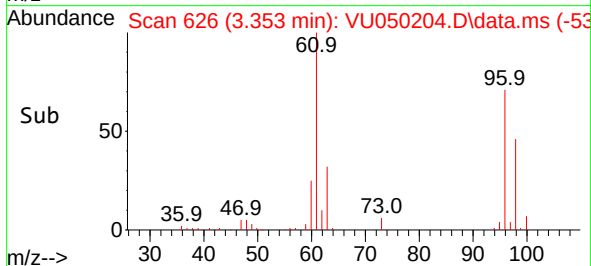


#18
trans-1,2-Dichloroethene
Concen: 11.328 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU050204.D
Acq: 10 Aug 2022 01:37

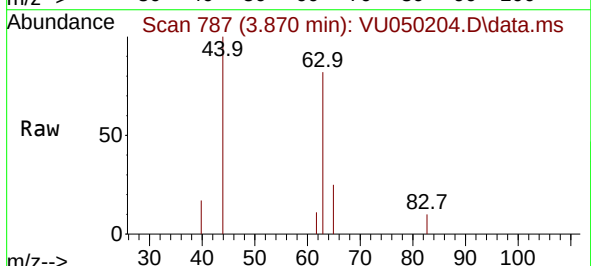
Instrument :
MSVOA_U
ClientSampleId :
DBUV0



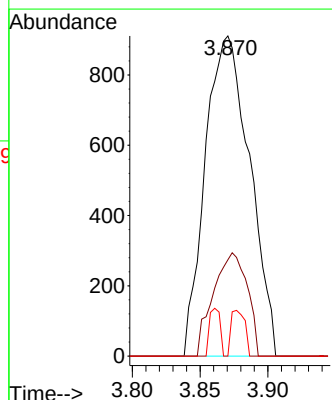
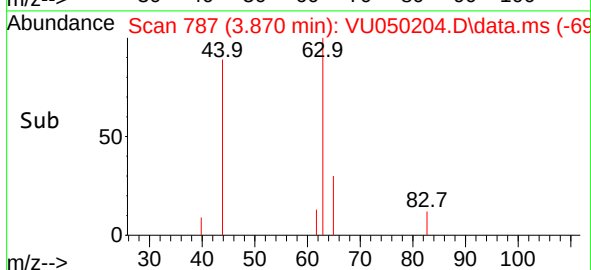
Tgt Ion: 96 Resp: 70362
Ion Ratio Lower Upper
96 100
61 139.9 92.3 171.5
98 63.7 43.2 80.2

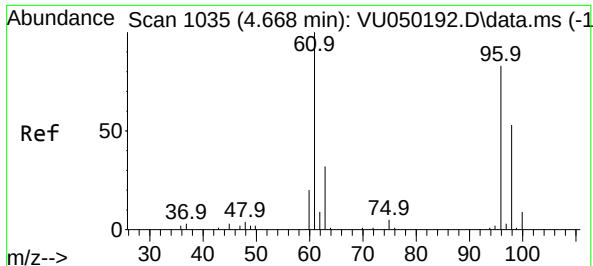


#19
1,1-Dichloroethane
Concen: 0.176 ug/L
RT: 3.870 min Scan# 787
Delta R.T. -0.000 min
Lab File: VU050204.D
Acq: 10 Aug 2022 01:37



Tgt Ion: 63 Resp: 2076
Ion Ratio Lower Upper
63 100
65 30.1 22.7 42.3
83 0.0 9.8 18.2#



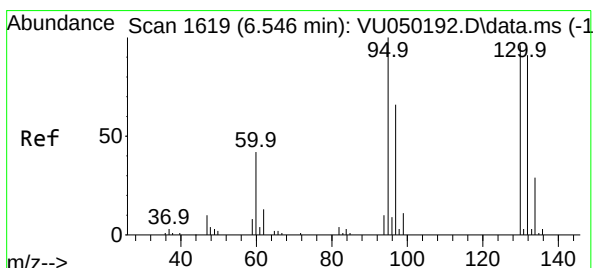
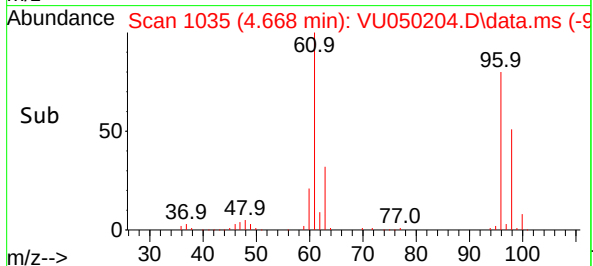
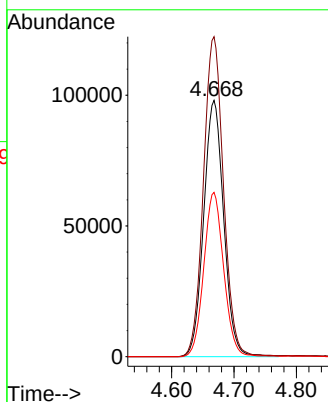
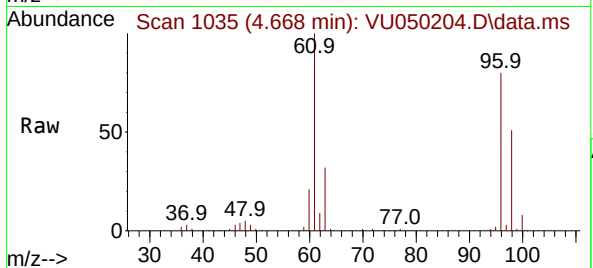


#22
 cis-1,2-Dichloroethene
 Concen: 31.803 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU050204.D
 Acq: 10 Aug 2022 01:37

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUV0

Tgt Ion: 96 Resp: 219258

Ion	Ratio	Lower	Upper
96	100		
61	124.9	89.0	165.4
98	64.1	45.2	84.0



#34
 Trichloroethene
 Concen: 0.234 ug/L
 RT: 6.546 min Scan# 1619
 Delta R.T. -0.000 min
 Lab File: VU050204.D
 Acq: 10 Aug 2022 01:37

Tgt Ion: 95 Resp: 1611

Ion	Ratio	Lower	Upper
95	100		
97	80.4	45.6	84.8
132	108.0	65.0	120.6
130	93.1	69.3	128.7

