

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050197.D
 Acq On : 09 Aug 2022 22:44
 Operator : SY/MD
 Sample : N4076-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUT8

Quant Time: Aug 10 06:34:28 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)

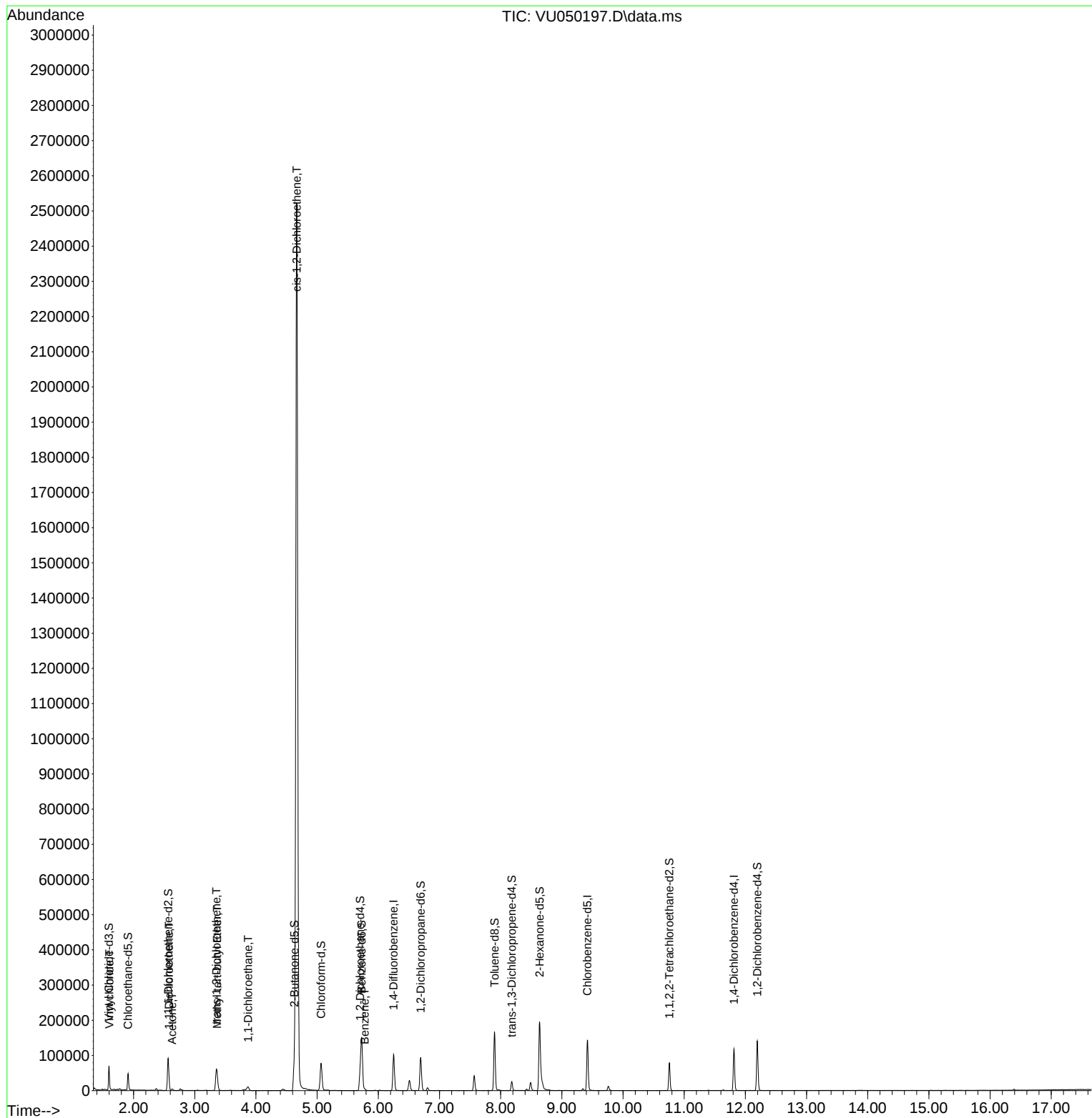
Internal Standards							
1) 1,4-Difluorobenzene		6.250	114	82305	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.417	117	83818	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.812	152	32869	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.597	65	45965	6.711	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 134.200%#		
7) Chloroethane-d5		1.909	69	34547	6.252	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 125.000%		
11) 1,1-Dichloroethene-d2		2.565	65	16021	5.985	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 119.600%		
20) 2-Butanone-d5		4.626	46	99121	59.343	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 118.680%		
24) Chloroform-d		5.063	84	72198	5.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 113.400%		
26) 1,2-Dichloroethane-d4		5.703	65	37298	5.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 114.000%		
32) Benzene-d6		5.729	84	143489	5.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 109.800%		
36) 1,2-Dichloropropane-d6		6.693	67	47703	5.538	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 110.800%		
41) Toluene-d8		7.899	98	115244	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 99.800%		
43) trans-1,3-Dichloroprop...		8.182	79	15650	5.070	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 101.400%		
46) 2-Hexanone-d5		8.636	63	61486	56.174	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 112.340%		
56) 1,1,2,2-Tetrachloroeth...		10.758	84	40717	5.383	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 107.600%		
66) 1,2-Dichlorobenzene-d4		12.195	152	36954	5.738	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 114.800%		
Target Compounds							Qvalue
5) Vinyl chloride		1.604	62	3722	0.421	ug/L	83
12) 1,1-Dichloroethene		2.578	96	4528	0.796	ug/L #	1
13) Acetone		2.629	43	4516	4.855	ug/L	93
17) Methyl tert-butyl Ether		3.366	73	21502	1.448	ug/L	99
18) trans-1,2-Dichloroethene		3.353	96	20004	3.140	ug/L	94
19) 1,1-Dichloroethane		3.870	63	11228	0.931	ug/L	97
22) cis-1,2-Dichloroethene		4.668	96	1333155	188.558	ug/L	100
33) Benzene		5.777	78	4198	0.143	ug/L	100

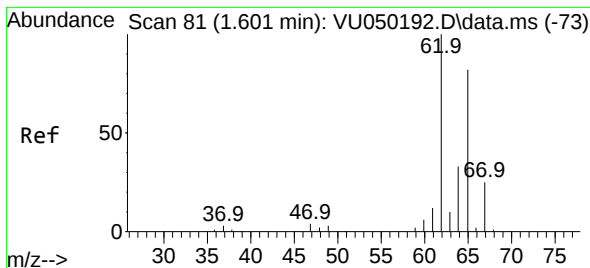
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.421 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.003 min

Lab File: VU050197.D

Acq: 09 Aug 2022 22:44

Instrument :

MSVOA_U

ClientSampleId :

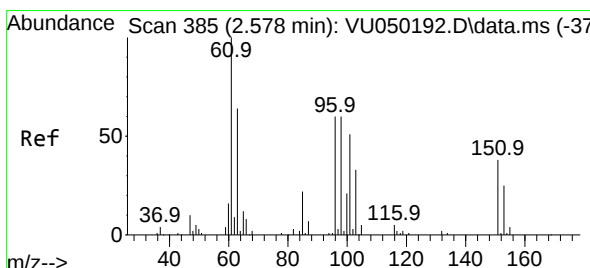
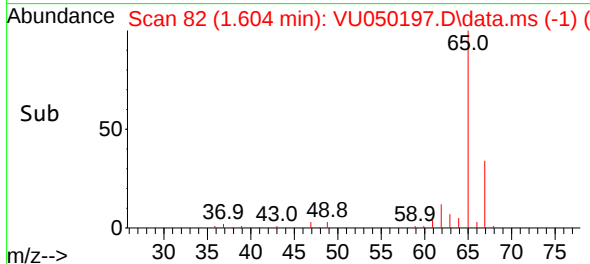
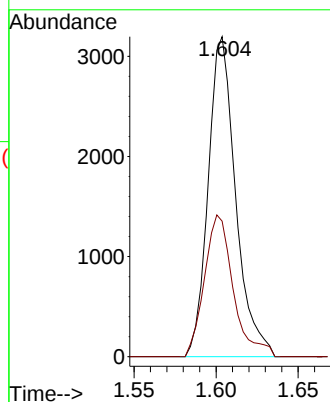
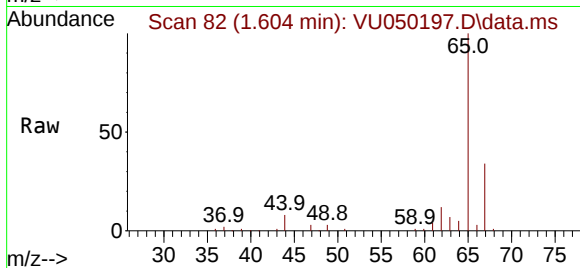
DBUT8

Tgt Ion: 62 Resp: 3722

Ion Ratio Lower Upper

62 100

64 42.4 22.8 42.4



#12

1,1-Dichloroethene

Concen: 0.796 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU050197.D

Acq: 09 Aug 2022 22:44

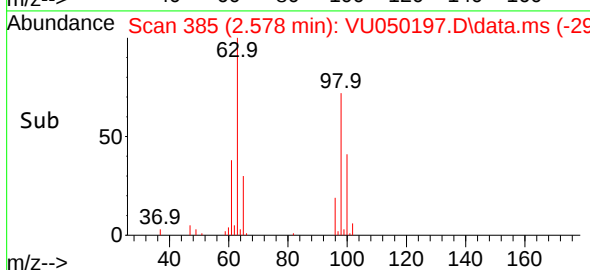
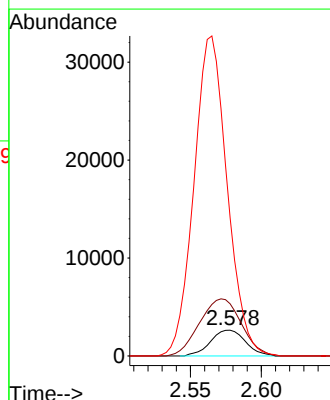
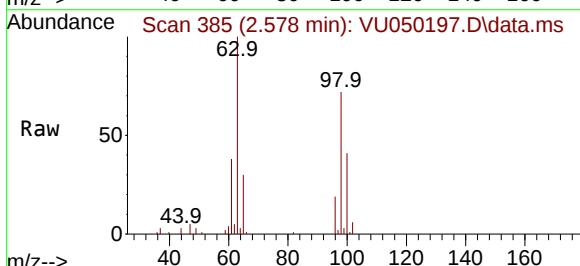
Tgt Ion: 96 Resp: 4528

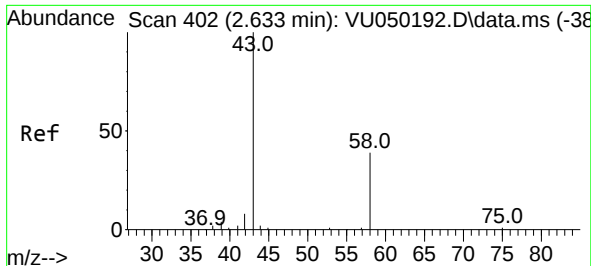
Ion Ratio Lower Upper

96 100

61 202.8 122.7 227.9

63 536.7 85.1 158.1#





#13

Acetone

Concen: 4.855 ug/L

RT: 2.629 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU050197.D

Acq: 09 Aug 2022 22:44

Instrument :

MSVOA_U

ClientSampleId :

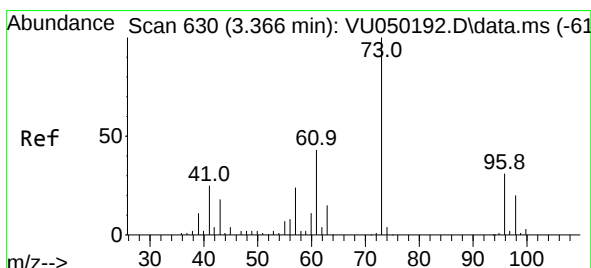
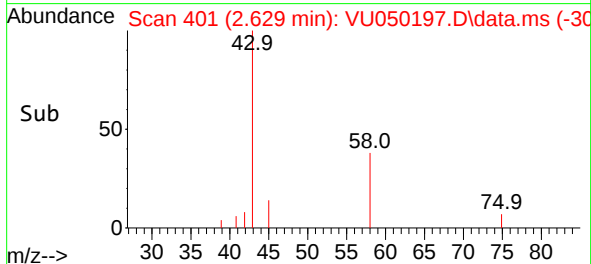
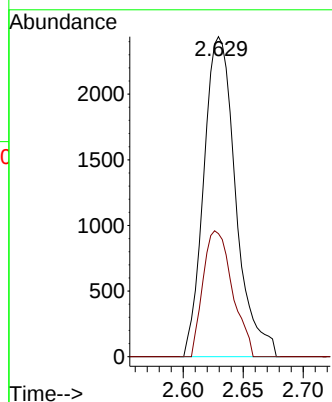
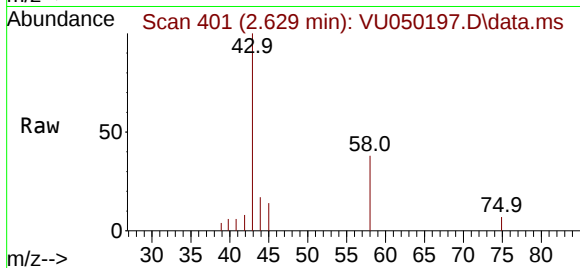
DBUT8

Tgt Ion: 43 Resp: 4516

Ion Ratio Lower Upper

43 100

58 36.0 0.0 64.0



#17

Methyl tert-butyl Ether

Concen: 1.448 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.000 min

Lab File: VU050197.D

Acq: 09 Aug 2022 22:44

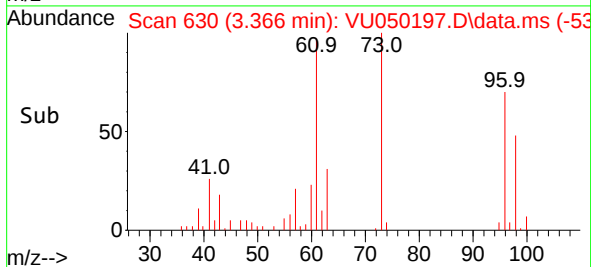
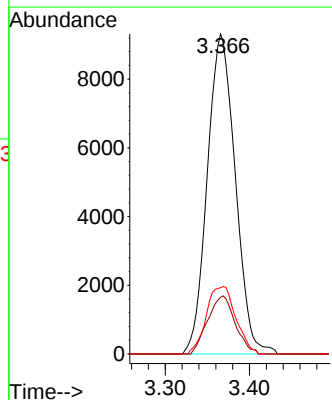
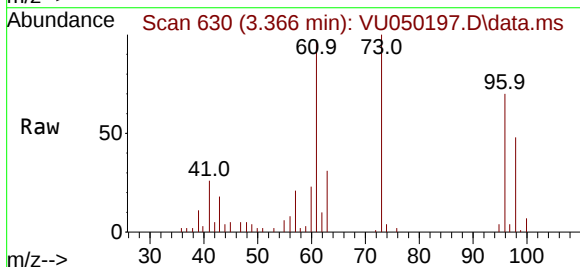
Tgt Ion: 73 Resp: 21502

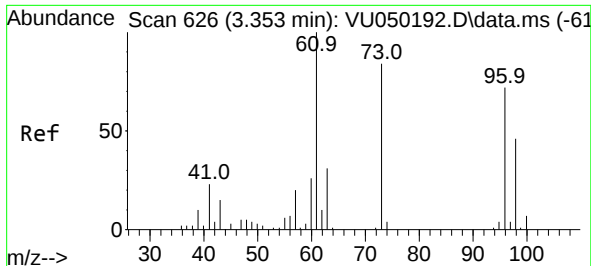
Ion Ratio Lower Upper

73 100

43 17.8 13.5 20.3

57 22.2 17.4 26.2

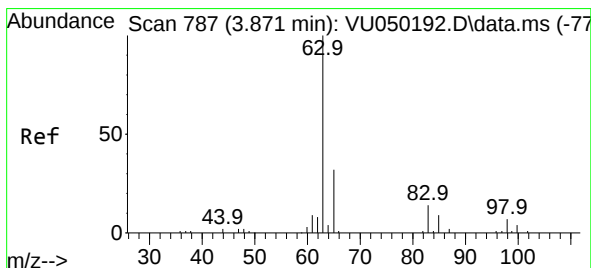
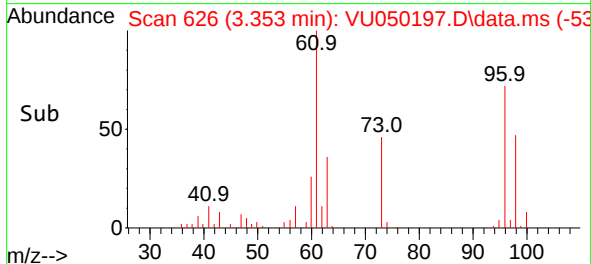
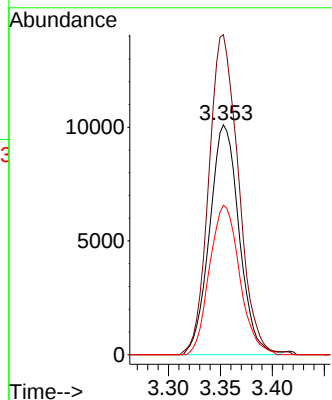
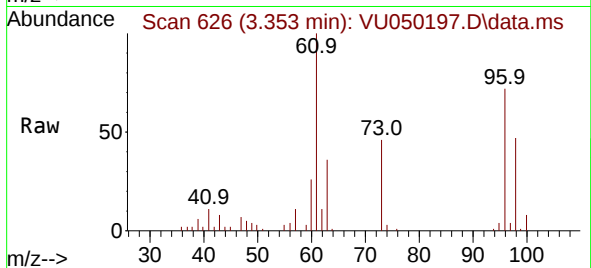




#18
trans-1,2-Dichloroethene
Concen: 3.140 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU050197.D
Acq: 09 Aug 2022 22:44

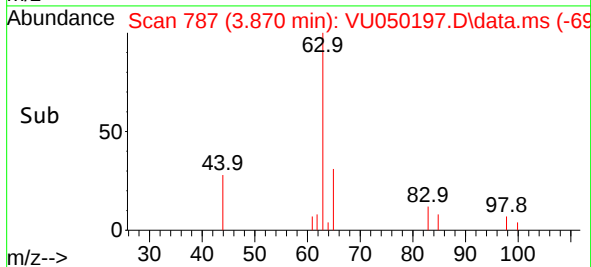
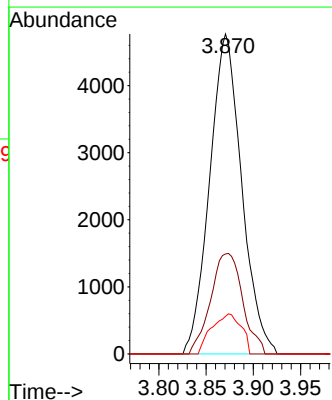
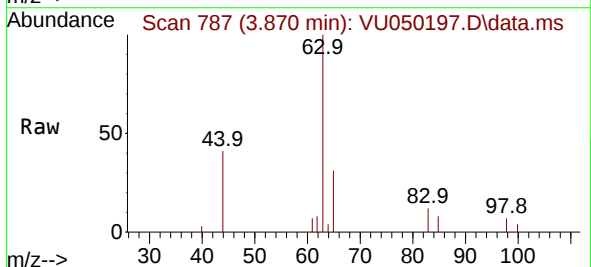
Instrument :
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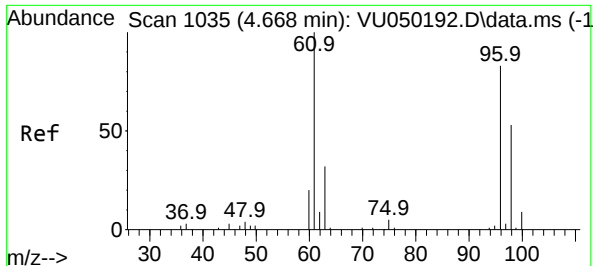
Tgt Ion: 96 Resp: 20004
Ion Ratio Lower Upper
96 100
61 139.2 92.3 171.5
98 65.0 43.2 80.2



#19
1,1-Dichloroethane
Concen: 0.931 ug/L
RT: 3.870 min Scan# 787
Delta R.T. -0.000 min
Lab File: VU050197.D
Acq: 09 Aug 2022 22:44

Tgt Ion: 63 Resp: 11228
Ion Ratio Lower Upper
63 100
65 31.3 22.7 42.3
83 11.7 9.8 18.2





#22

cis-1,2-Dichloroethene

Concen: 188.558 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU050197.D

Acq: 09 Aug 2022 22:44

Instrument :

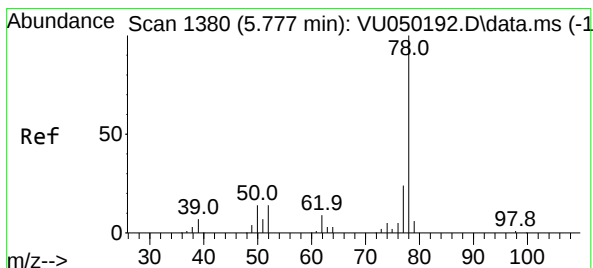
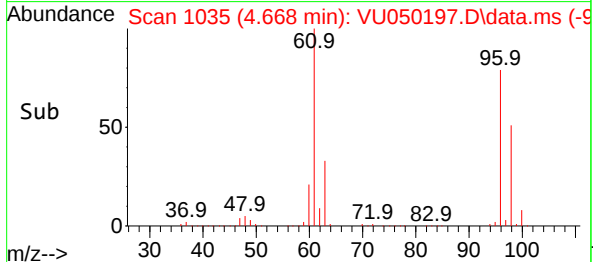
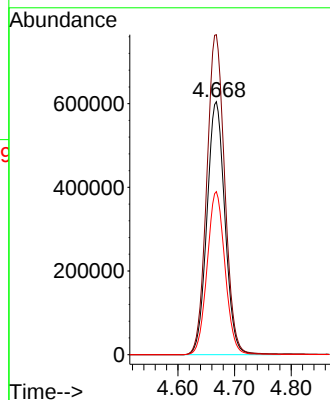
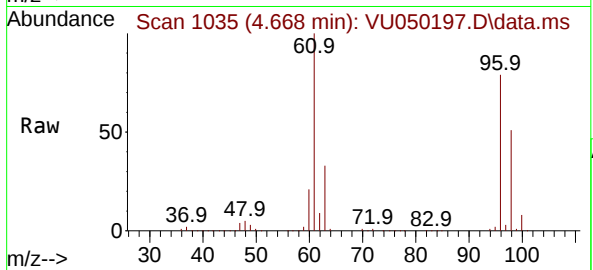
MSVOA_U

ClientSampleId :

DBUT8

Tgt Ion: 96 Resp: 1333155

Ion	Ratio	Lower	Upper
96	100		
61	126.5	89.0	165.4
98	64.5	45.2	84.0



#33

Benzene

Concen: 0.143 ug/L

RT: 5.777 min Scan# 1380

Delta R.T. -0.000 min

Lab File: VU050197.D

Acq: 09 Aug 2022 22:44

Tgt Ion: 78 Resp: 4198

