

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050203.D
 Acq On : 10 Aug 2022 01:13
 Operator : SY/MD
 Sample : N4076-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUU9

Quant Time: Aug 10 06:36:00 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)

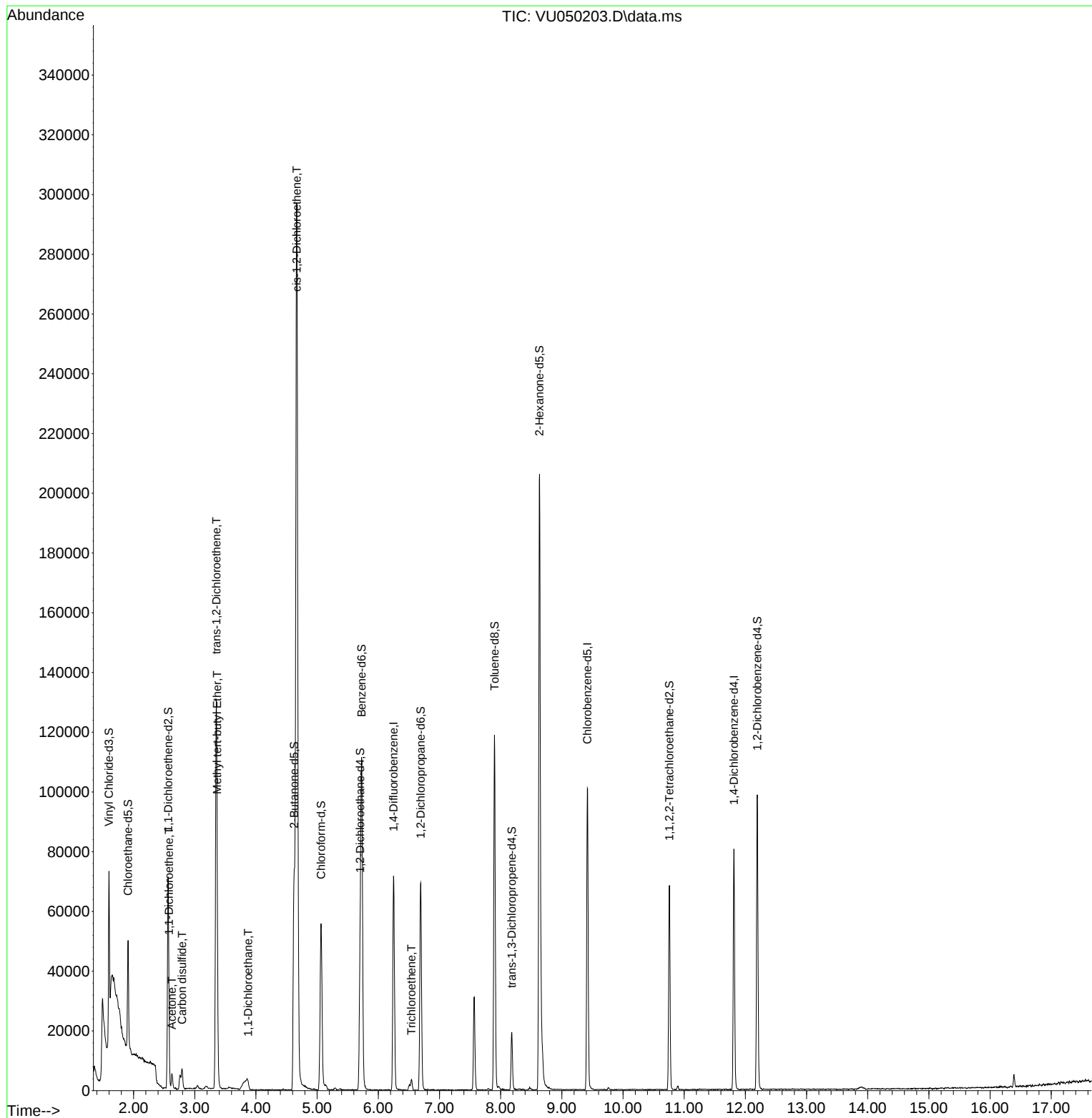
Internal Standards							
1) 1,4-Difluorobenzene		6.250	114	59072	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.417	117	58857	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.812	152	22272	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.597	65	38256	7.782	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 155.600%#		
7) Chloroethane-d5		1.909	69	27105	6.834	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 136.600%#		
11) 1,1-Dichloroethene-d2		2.565	65	13076	6.806	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 136.200%#		
20) 2-Butanone-d5		4.623	46	100032	83.442	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 166.880%#		
24) Chloroform-d		5.063	84	53898	5.894	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 117.800%		
26) 1,2-Dichloroethane-d4		5.703	65	30312	6.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 129.200%		
32) Benzene-d6		5.729	84	106334	5.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 115.800%		
36) 1,2-Dichloropropane-d6		6.694	67	35281	5.833	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 116.600%		
41) Toluene-d8		7.899	98	81681	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 100.800%		
43) trans-1,3-Dichloroprop...		8.182	79	11790	5.440	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 108.800%		
46) 2-Hexanone-d5		8.632	63	65492	85.209	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 170.420%#		
56) 1,1,2,2-Tetrachloroeth...		10.758	84	35842	6.748	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 135.000%#		
66) 1,2-Dichlorobenzene-d4		12.195	152	26894	6.163	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 123.200%#		
Target Compounds							
						Qvalue	
12) 1,1-Dichloroethene		2.578	96	1983	0.486	ug/L #	1
13) Acetone		2.626	43	5873	8.797	ug/L	93
14) Carbon disulfide		2.793	76	8473	0.581	ug/L	99
17) Methyl tert-butyl Ether		3.366	73	7456	0.700	ug/L #	93
18) trans-1,2-Dichloroethene		3.353	96	53729	11.752	ug/L	92
19) 1,1-Dichloroethane		3.871	63	1425	0.165	ug/L #	89
22) cis-1,2-Dichloroethene		4.668	96	156906	30.921	ug/L	99
34) Trichloroethene		6.543	95	1209	0.242	ug/L	90

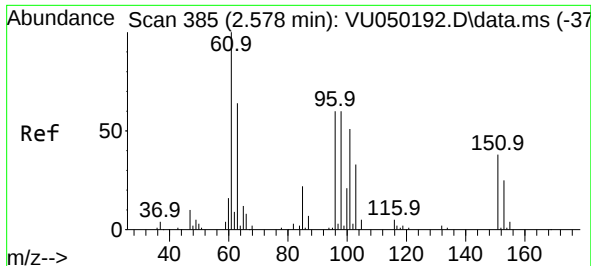
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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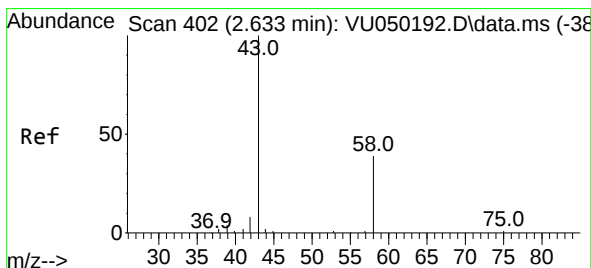
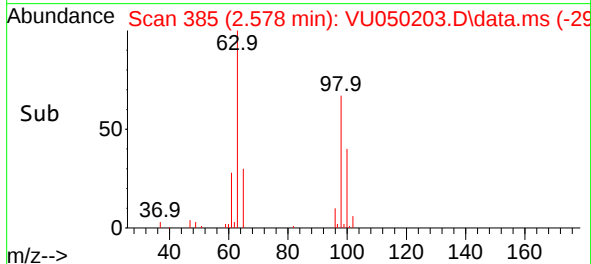
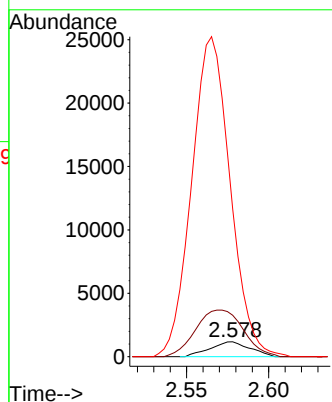
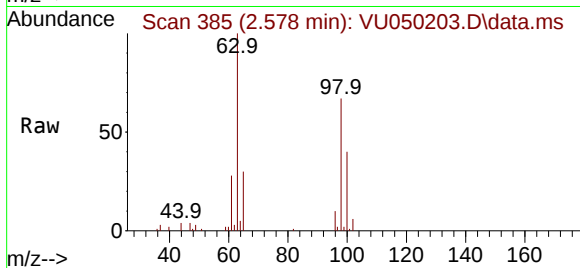




#12
1,1-Dichloroethene
Concen: 0.486 ug/L
RT: 2.578 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050203.D
Acq: 10 Aug 2022 01:13

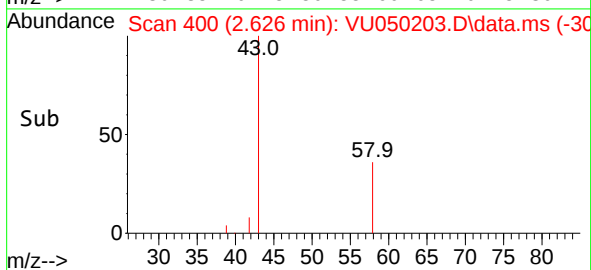
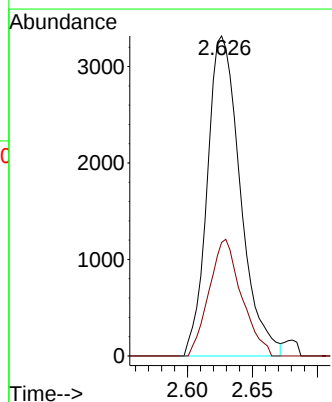
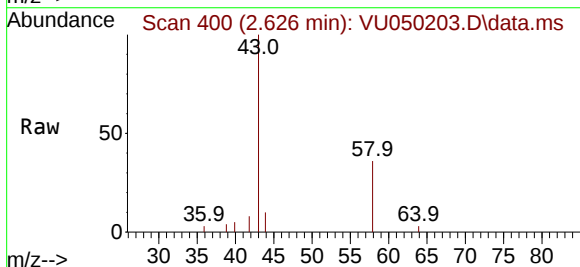
Instrument :
MSVOA_U
ClientSampleId :
DBUU9

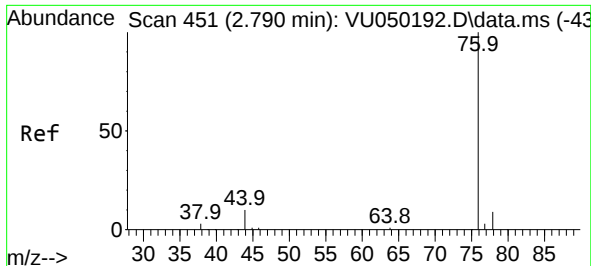
Tgt Ion: 96 Resp: 1983
Ion Ratio Lower Upper
96 100
61 237.0 122.7 227.9#
63 845.1 85.1 158.1#



#13
Acetone
Concen: 8.797 ug/L
RT: 2.626 min Scan# 400
Delta R.T. -0.006 min
Lab File: VU050203.D
Acq: 10 Aug 2022 01:13

Tgt Ion: 43 Resp: 5873
Ion Ratio Lower Upper
43 100
58 35.8 0.0 64.0

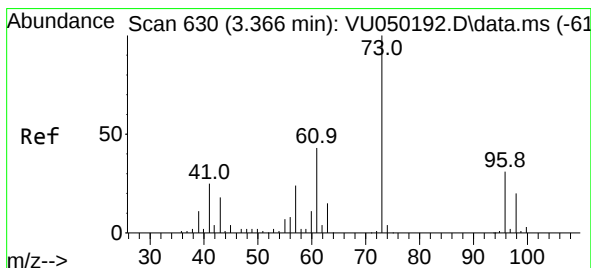
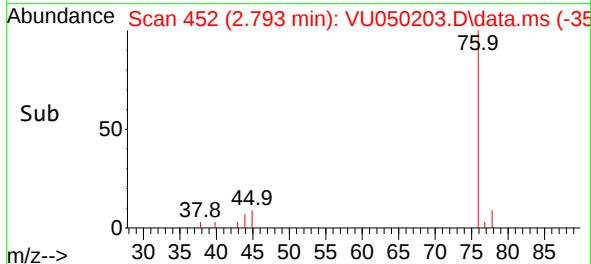
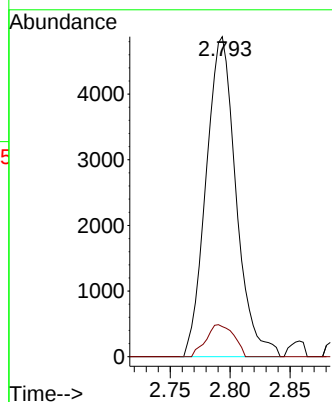
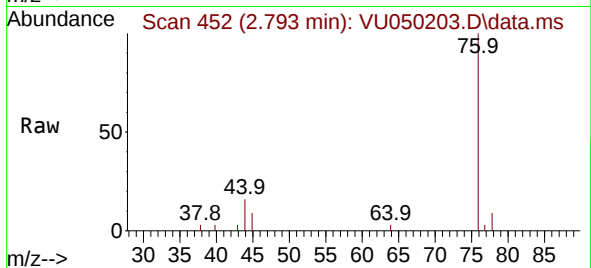




#14
Carbon disulfide
Concen: 0.581 ug/L
RT: 2.793 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU050203.D
Acq: 10 Aug 2022 01:13

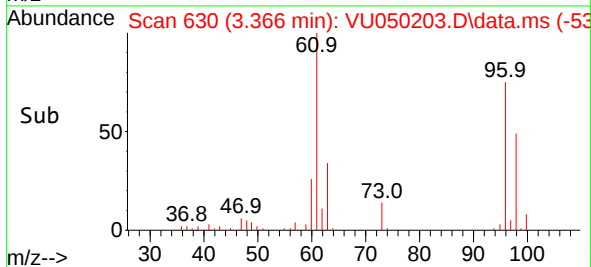
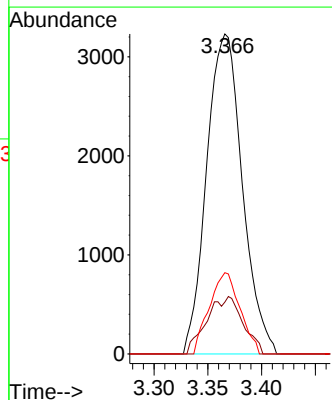
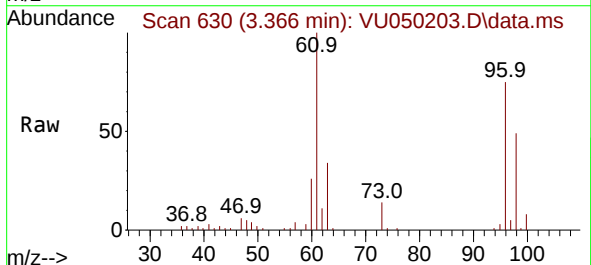
Instrument :
MSVOA_U
ClientSampleId :
DBUU9

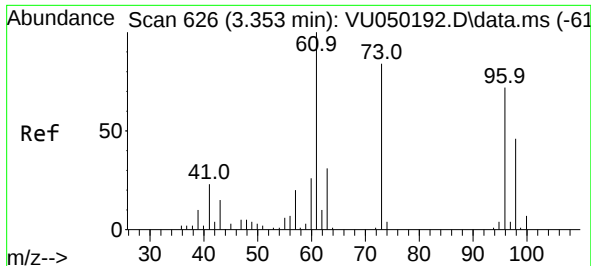
Tgt Ion: 76 Resp: 8473
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#17
Methyl tert-butyl Ether
Concen: 0.700 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU050203.D
Acq: 10 Aug 2022 01:13

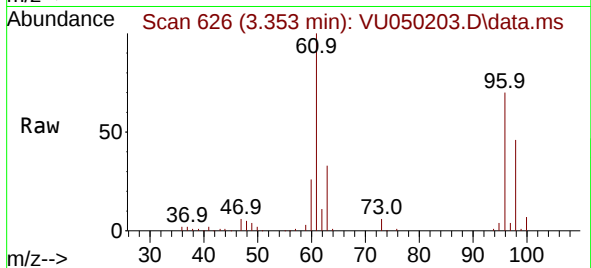
Tgt Ion: 73 Resp: 7456
Ion Ratio Lower Upper
73 100
43 9.8 13.5 20.3#
57 21.8 17.4 26.2



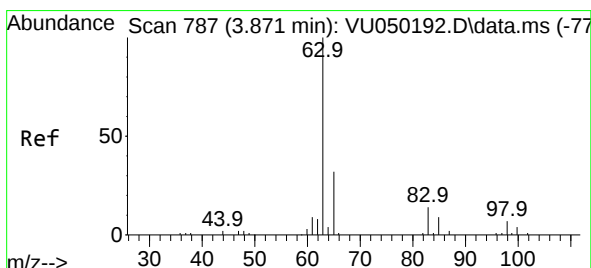
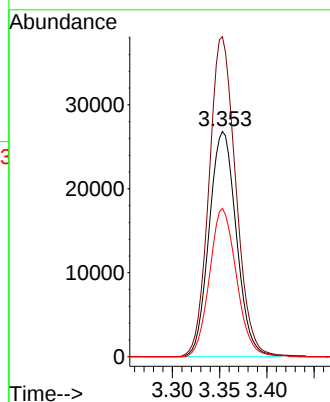
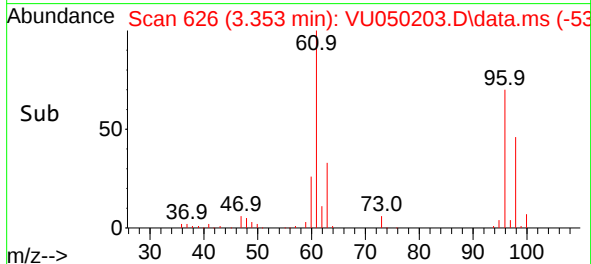


#18
trans-1,2-Dichloroethene
Concen: 11.752 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU050203.D
Acq: 10 Aug 2022 01:13

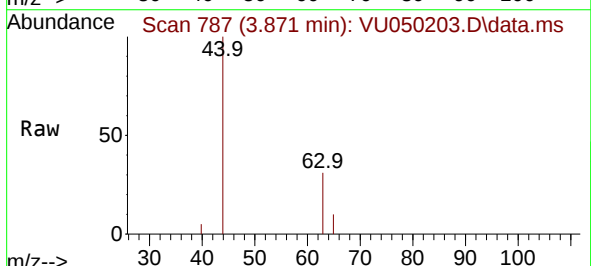
Instrument :
MSVOA_U
ClientSampleId :
DBUU9



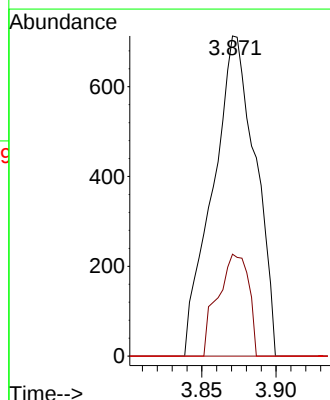
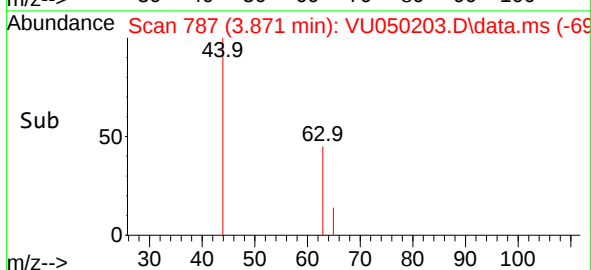
Tgt Ion: 96 Resp: 53729
Ion Ratio Lower Upper
96 100
61 142.0 92.3 171.5
98 65.8 43.2 80.2

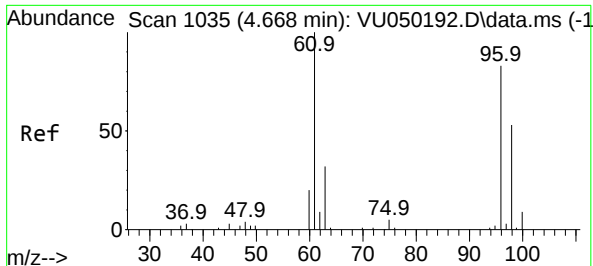


#19
1,1-Dichloroethane
Concen: 0.165 ug/L
RT: 3.871 min Scan# 787
Delta R.T. 0.000 min
Lab File: VU050203.D
Acq: 10 Aug 2022 01:13



Tgt Ion: 63 Resp: 1425
Ion Ratio Lower Upper
63 100
65 31.8 22.7 42.3
83 0.0 9.8 18.2#

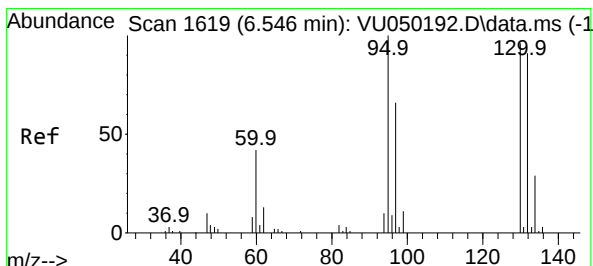
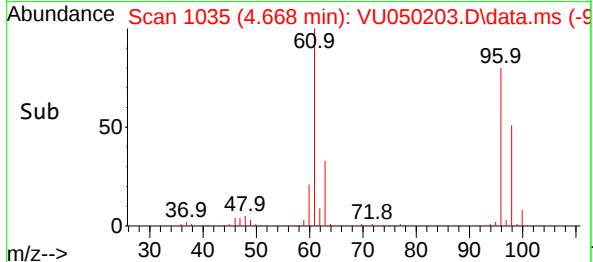
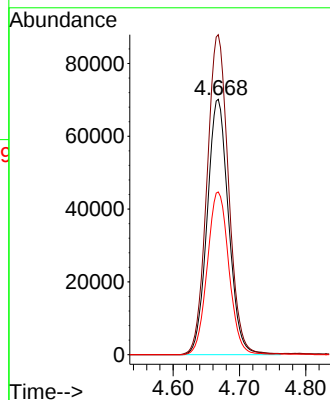
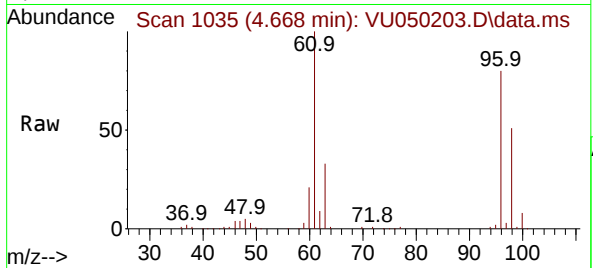




#22
 cis-1,2-Dichloroethene
 Concen: 30.921 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU050203.D
 Acq: 10 Aug 2022 01:13

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUU9

Tgt Ion: 96 Resp: 156906
 Ion Ratio Lower Upper
 96 100
 61 125.3 89.0 165.4
 98 63.8 45.2 84.0



#34
 Trichloroethene
 Concen: 0.242 ug/L
 RT: 6.543 min Scan# 1618
 Delta R.T. -0.003 min
 Lab File: VU050203.D
 Acq: 10 Aug 2022 01:13

Tgt Ion: 95 Resp: 1209
 Ion Ratio Lower Upper
 95 100
 97 68.6 45.6 84.8
 132 103.5 65.0 120.6
 130 87.6 69.3 128.7

