

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050202.D
 Acq On : 10 Aug 2022 00:48
 Operator : SY/MD
 Sample : N4076-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUU8

Quant Time: Aug 10 06:35:45 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)

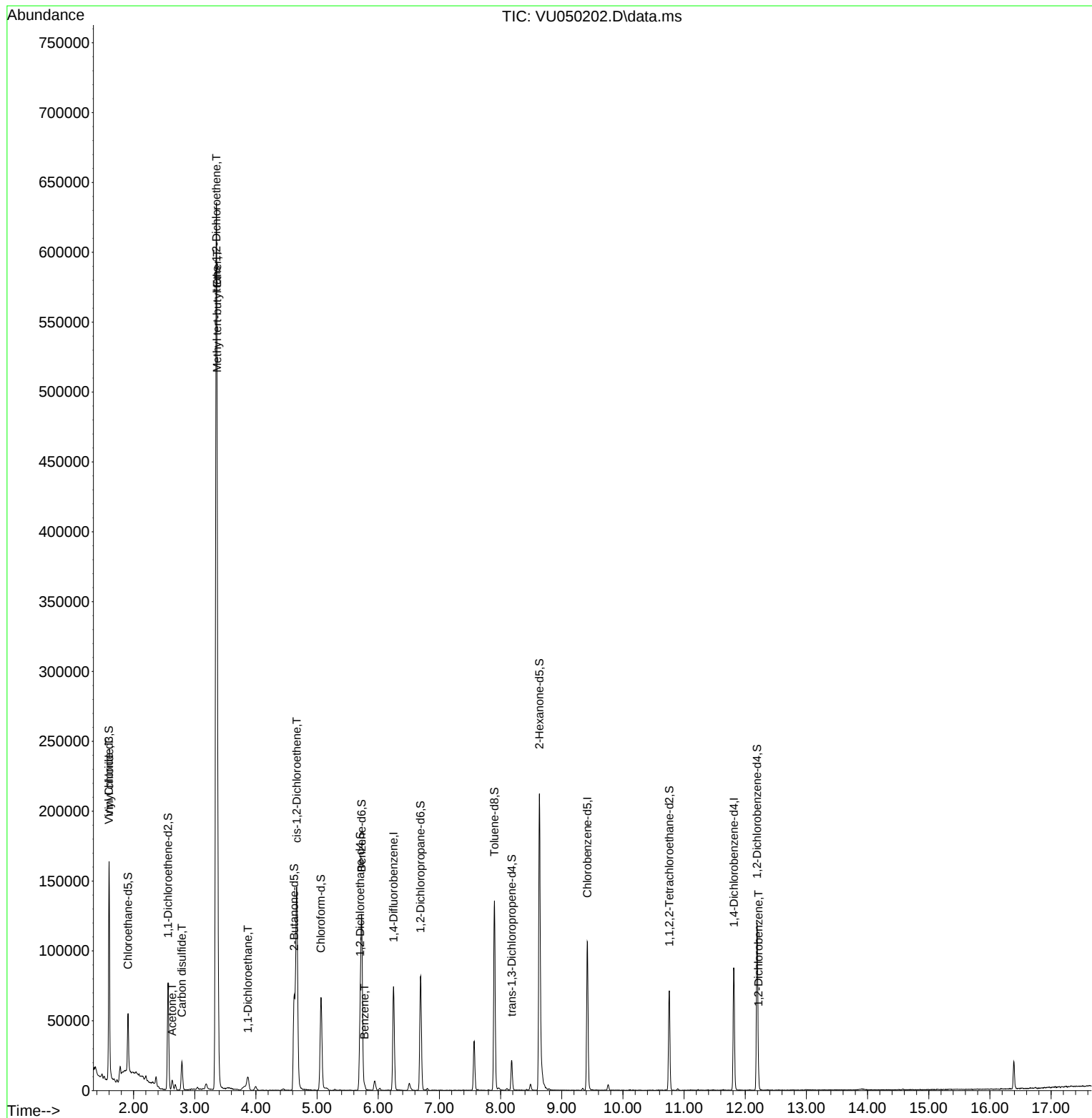
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	60807	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	60579	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	23739	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	42289	8.357	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 167.200%#		
7) Chloroethane-d5	1.909	69	30497	7.470	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 149.400%#		
11) 1,1-Dichloroethene-d2	2.565	65	14269	7.215	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 144.200%#		
20) 2-Butanone-d5	4.626	46	96464	78.170	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 156.340%#		
24) Chloroform-d	5.063	84	61463	6.530	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 130.600%#		
26) 1,2-Dichloroethane-d4	5.703	65	32762	6.779	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 135.600%#		
32) Benzene-d6	5.729	84	120156	6.356	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 127.200%#		
36) 1,2-Dichloropropane-d6	6.690	67	40993	6.585	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 131.600%		
41) Toluene-d8	7.899	98	93948	5.627	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.600%		
43) trans-1,3-Dichloroprop...	8.182	79	12836	5.754	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 115.000%		
46) 2-Hexanone-d5	8.636	63	68500	86.589	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 173.180%#		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36902	6.750	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 135.000%#		
66) 1,2-Dichlorobenzene-d4	12.195	152	31583	6.790	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 135.800%#		
Target Compounds						
						Qvalue
5) Vinyl chloride	1.600	62	77085	11.800	ug/L	98
13) Acetone	2.629	43	7609	11.072	ug/L	96
14) Carbon disulfide	2.790	76	26940	1.795	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	216604	19.745	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	211252	44.889	ug/L	95
19) 1,1-Dichloroethane	3.870	63	10259	1.151	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	73980	14.163	ug/L	99
33) Benzene	5.774	78	3514	0.166	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	2144	0.277	ug/L #	90

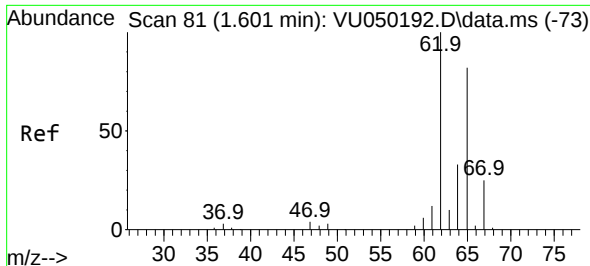
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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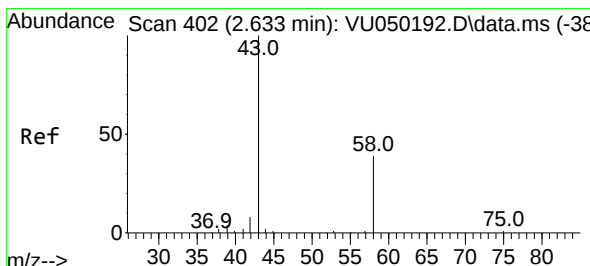
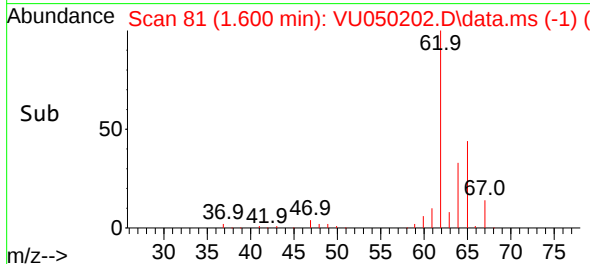
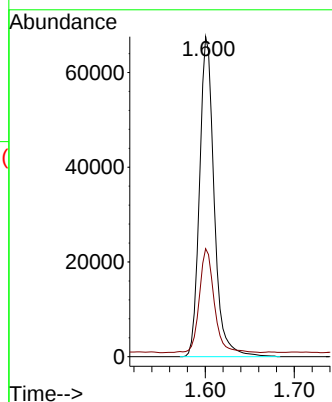
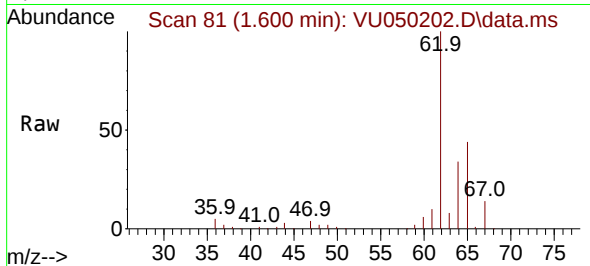




#5
 Vinyl chloride
 Concen: 11.800 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050202.D
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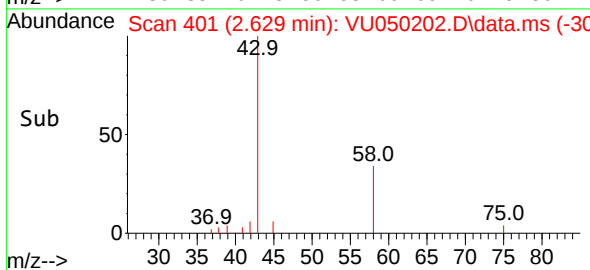
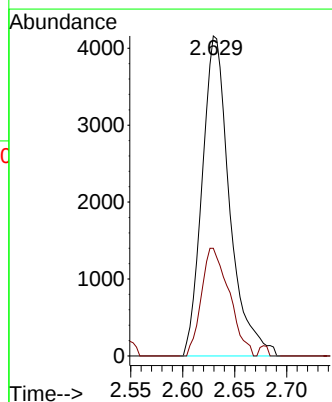
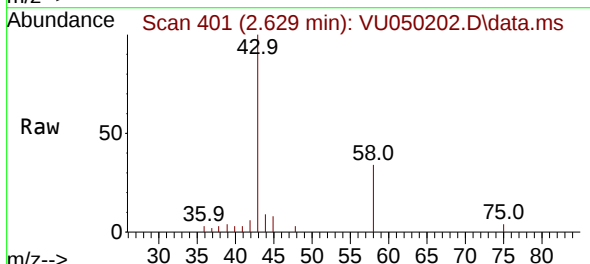
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUU8

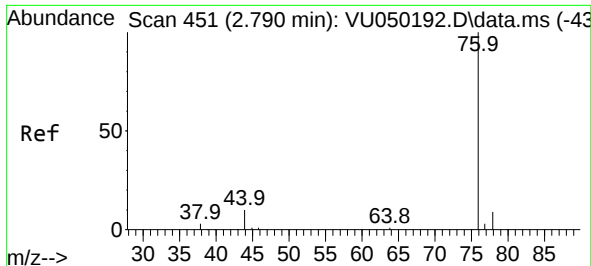
Tgt Ion: 62 Resp: 77085
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.8 42.4



#13
 Acetone
 Concen: 11.072 ug/L
 RT: 2.629 min Scan# 401
 Delta R.T. -0.003 min
 Lab File: VU050202.D
 Acq: 10 Aug 2022 00:48

Tgt Ion: 43 Resp: 7609
 Ion Ratio Lower Upper
 43 100
 58 34.2 0.0 64.0

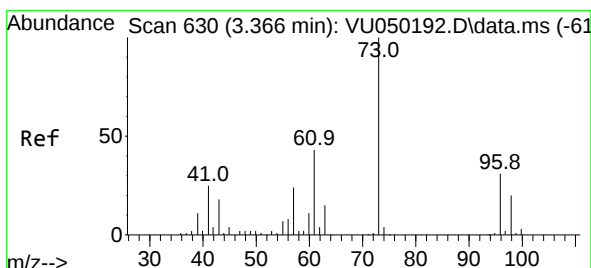
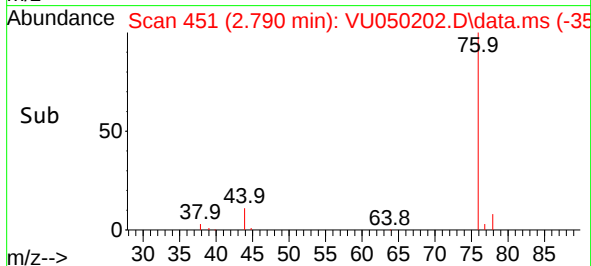
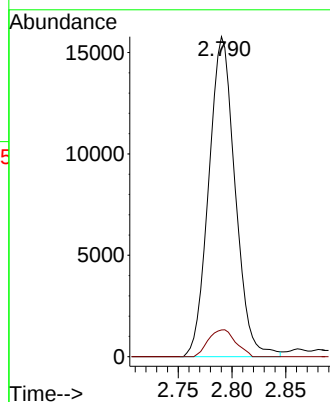
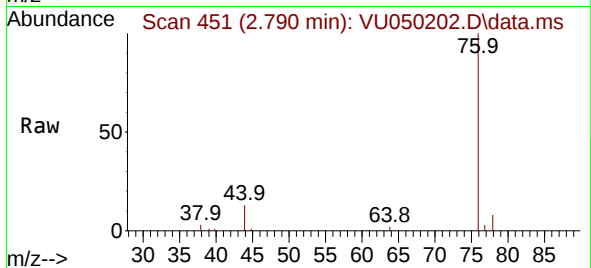




#14
Carbon disulfide
Concen: 1.795 ug/L
RT: 2.790 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU050202.D
Acq: 10 Aug 2022 00:48

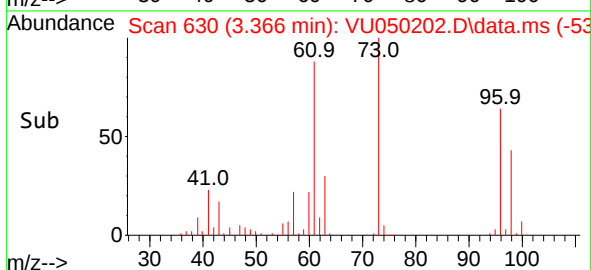
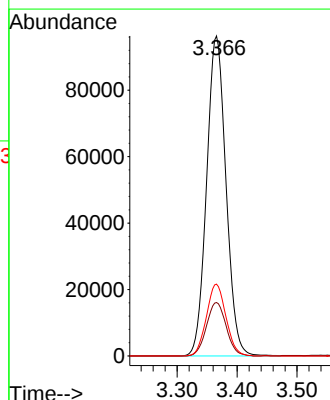
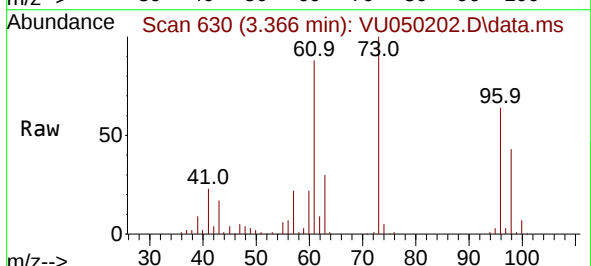
Instrument :
MSVOA_U
ClientSampleId :
DBUU8

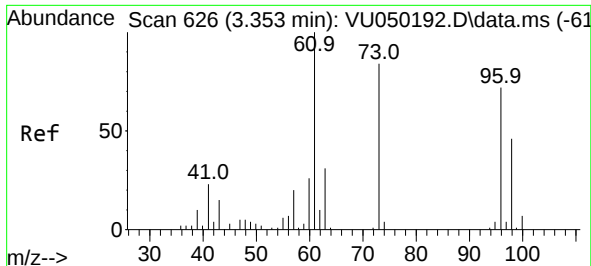
Tgt Ion: 76 Resp: 26940
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#17
Methyl tert-butyl Ether
Concen: 19.745 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU050202.D
Acq: 10 Aug 2022 00:48

Tgt Ion: 73 Resp: 216604
Ion Ratio Lower Upper
73 100
43 17.1 13.5 20.3
57 22.6 17.4 26.2

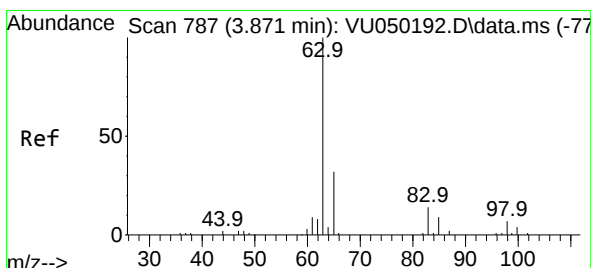
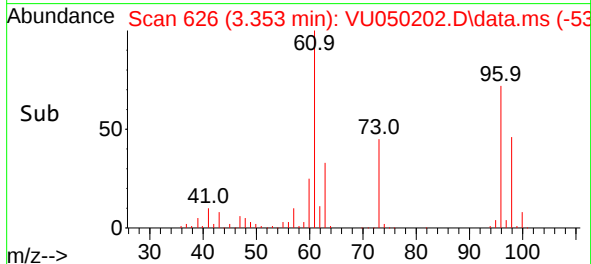
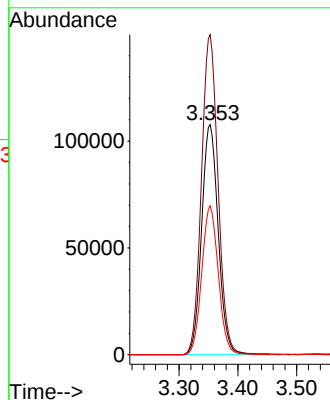
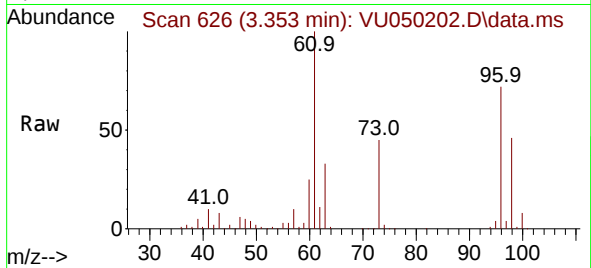




#18
trans-1,2-Dichloroethene
Concen: 44.889 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU050202.D
Acq: 10 Aug 2022 00:48

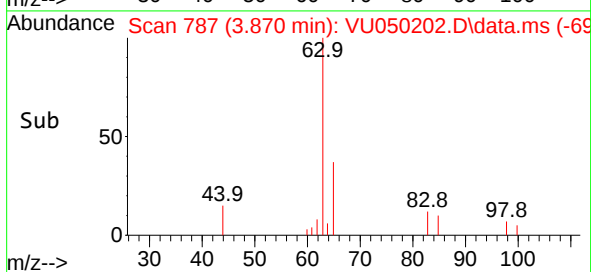
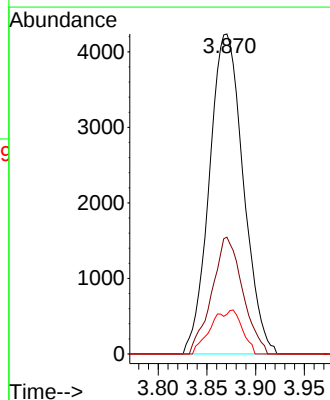
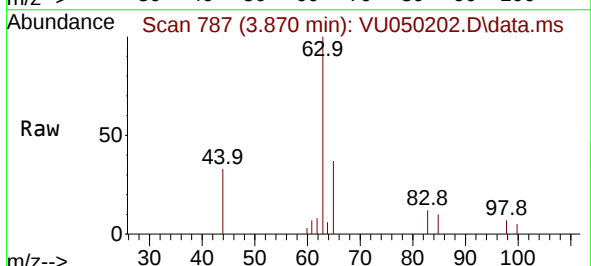
Instrument :
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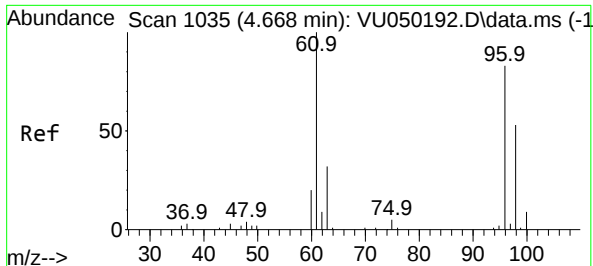
Tgt Ion: 96 Resp: 211252
Ion Ratio Lower Upper
96 100
61 139.0 92.3 171.5
98 64.6 43.2 80.2



#19
1,1-Dichloroethane
Concen: 1.151 ug/L
RT: 3.870 min Scan# 787
Delta R.T. -0.000 min
Lab File: VU050202.D
Acq: 10 Aug 2022 00:48

Tgt Ion: 63 Resp: 10259
Ion Ratio Lower Upper
63 100
65 34.3 22.7 42.3
83 11.6 9.8 18.2

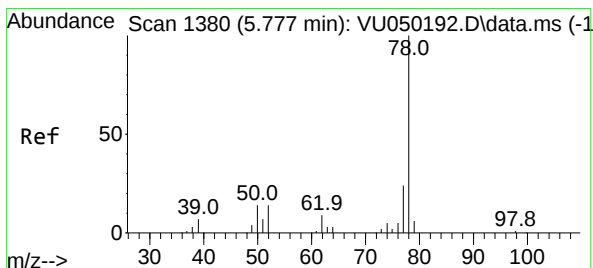
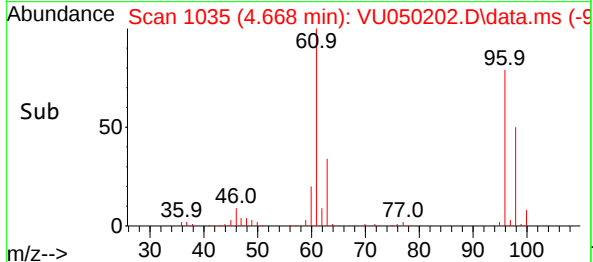
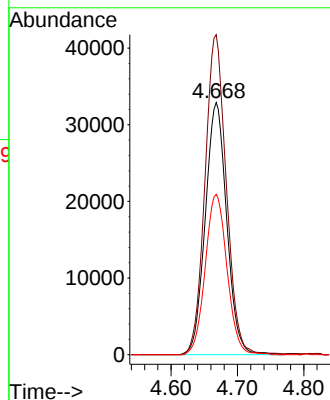
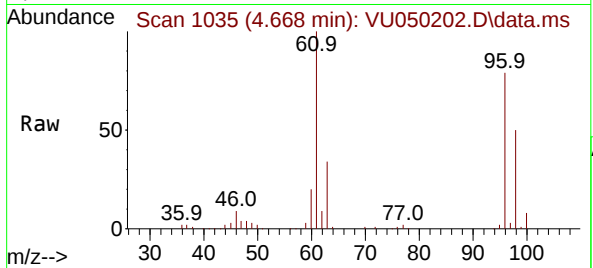




#22
 cis-1,2-Dichloroethene
 Concen: 14.163 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU050202.D
 Acq: 10 Aug 2022 00:48

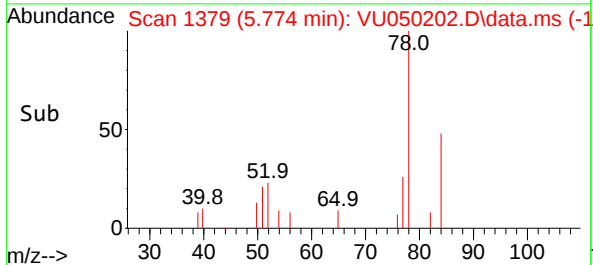
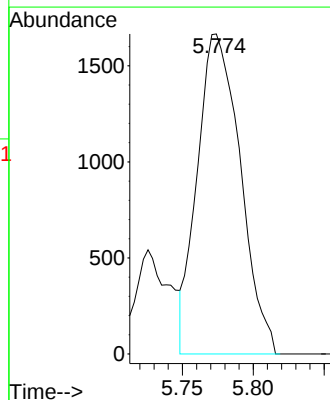
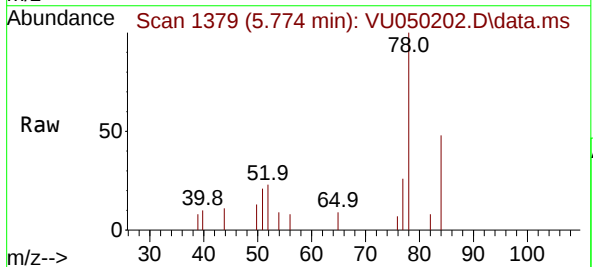
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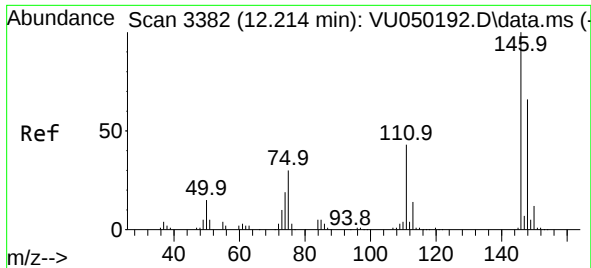
Tgt Ion: 96 Resp: 73980
 Ion Ratio Lower Upper
 96 100
 61 126.9 89.0 165.4
 98 63.6 45.2 84.0



#33
 Benzene
 Concen: 0.166 ug/L
 RT: 5.774 min Scan# 1379
 Delta R.T. -0.003 min
 Lab File: VU050202.D
 Acq: 10 Aug 2022 00:48

Tgt Ion: 78 Resp: 3514





#67

1,2-Dichlorobenzene

Concen: 0.277 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU050202.D

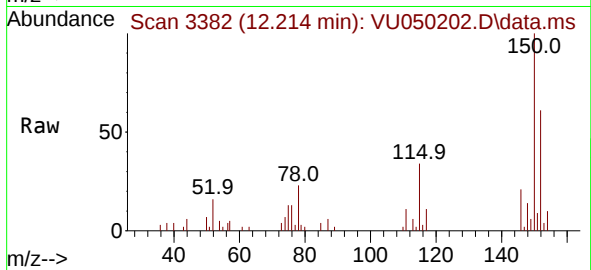
Acq: 10 Aug 2022 00:48

Instrument :

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ClientSampleId :

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Tgt Ion:	146	Resp:	2144
Ion	Ratio	Lower	Upper
146	100		
111	51.4	32.9	49.3#
148	67.7	50.4	75.6

