

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050200.D
 Acq On : 09 Aug 2022 23:59
 Operator : SY/MD
 Sample : N4076-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUU6

Quant Time: Aug 10 06:35:13 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)

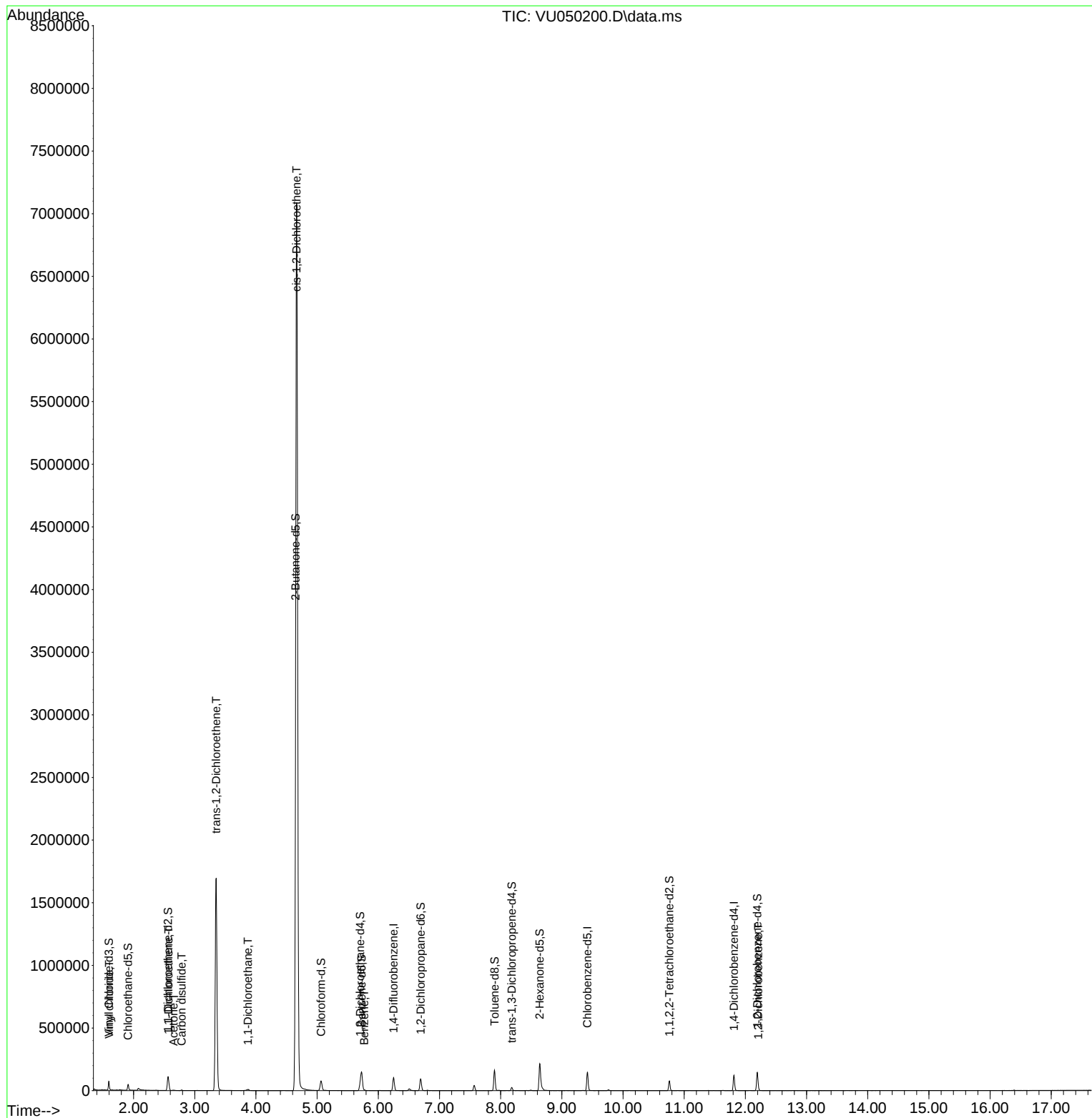
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	83982	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	83778	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	32725	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	45572	6.521	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	130.400%#	
7) Chloroethane-d5	1.909	69	34073	6.043	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	120.800%	
11) 1,1-Dichloroethene-d2	2.562	65	16263	5.954	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	119.000%	
20) 2-Butanone-d5	4.649	46	120718	70.830	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	141.660%#	
24) Chloroform-d	5.064	84	71880	5.529	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.600%	
26) 1,2-Dichloroethane-d4	5.703	65	36732	5.503	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.000%	
32) Benzene-d6	5.726	84	142311	5.443	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.800%	
36) 1,2-Dichloropropane-d6	6.694	67	47858	5.559	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.200%	
41) Toluene-d8	7.899	98	111981	4.850	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.000%	
43) trans-1,3-Dichloroprop...	8.182	79	15346	4.974	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.400%	
46) 2-Hexanone-d5	8.639	63	72180	65.976	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	131.960%#	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40583	5.368	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	37846	5.902	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	118.000%	
Target Compounds						
5) Vinyl chloride	1.601	62	4904	0.544	ug/L #	53
12) 1,1-Dichloroethene	2.572	96	14485	2.495	ug/L #	42
13) Acetone	2.652	43	3859	4.066	ug/L	85
14) Carbon disulfide	2.787	76	6655	0.321	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	717076	110.324	ug/L	95
19) 1,1-Dichloroethane	3.867	63	8191	0.665	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	3707845	513.957	ug/L	99
33) Benzene	5.771	78	4068	0.139	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	4458	0.418	ug/L	88

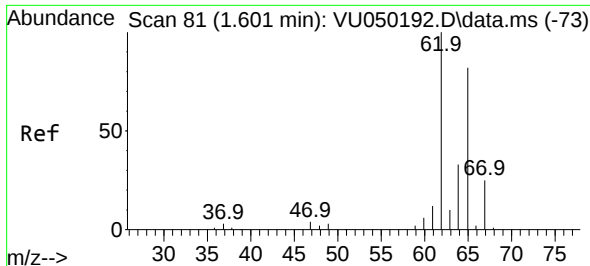
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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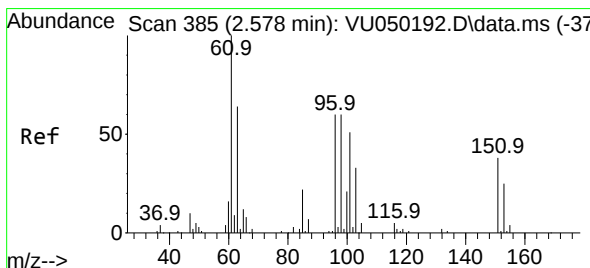
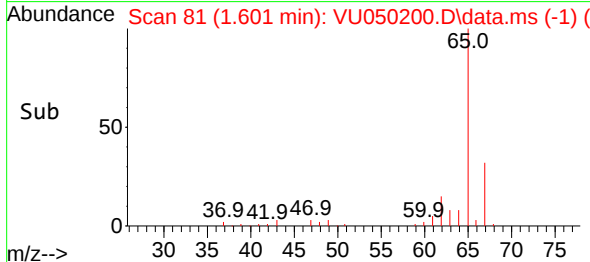
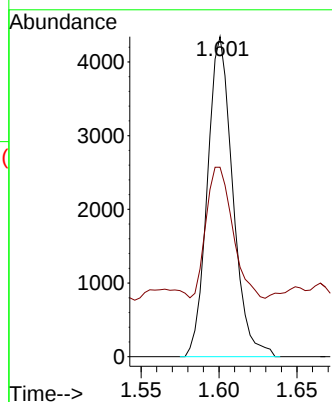
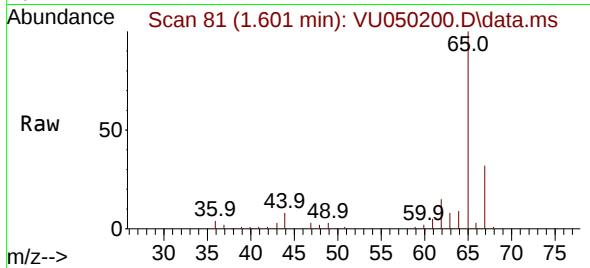




#5
 Vinyl chloride
 Concen: 0.544 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050200.D
 Acq: 09 Aug 2022 23:59

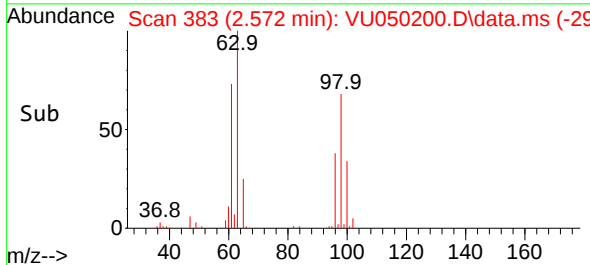
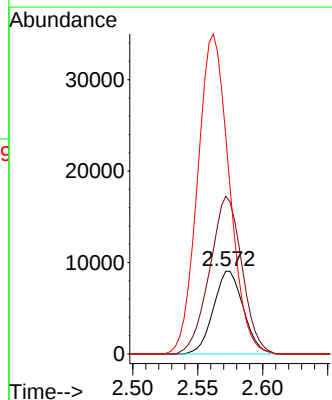
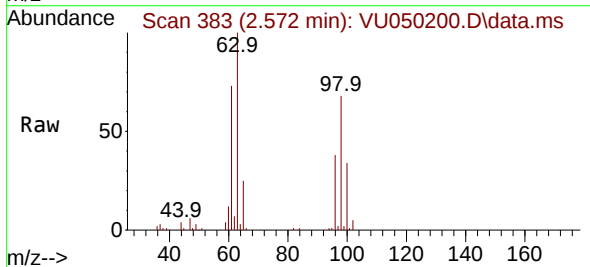
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUU6

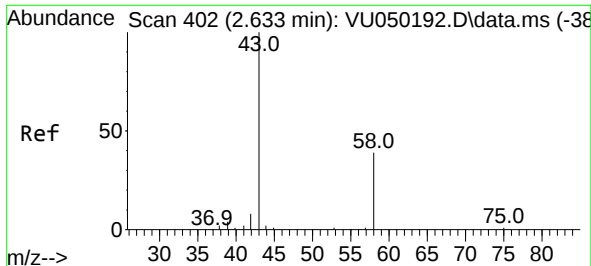
Tgt Ion: 62 Resp: 4904
 Ion Ratio Lower Upper
 62 100
 64 59.2 22.8 42.4#



#12
 1,1-Dichloroethene
 Concen: 2.495 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: VU050200.D
 Acq: 09 Aug 2022 23:59

Tgt Ion: 96 Resp: 14485
 Ion Ratio Lower Upper
 96 100
 61 190.5 122.7 227.9
 63 262.4 85.1 158.1#

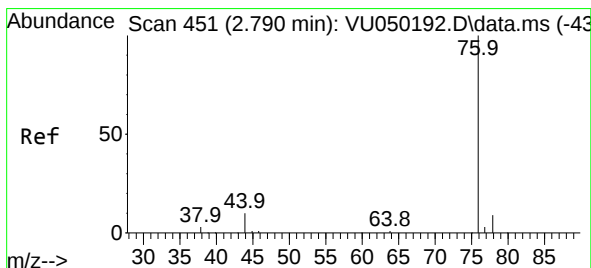
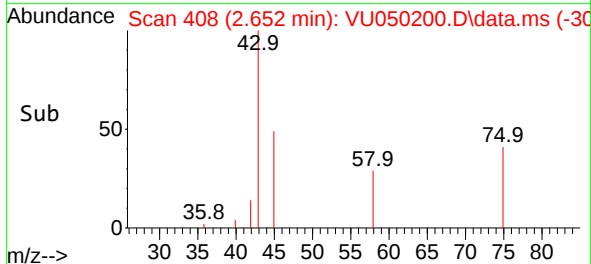
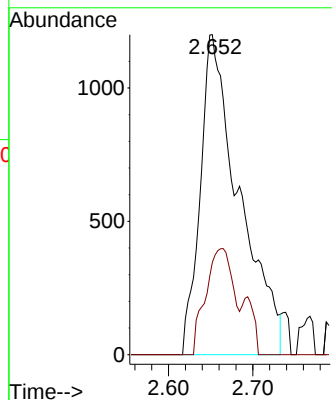
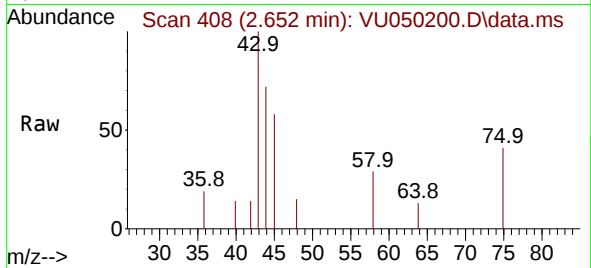




#13
Acetone
Concen: 4.066 ug/L
RT: 2.652 min Scan# 408
Delta R.T. 0.019 min
Lab File: VU050200.D
Acq: 09 Aug 2022 23:59

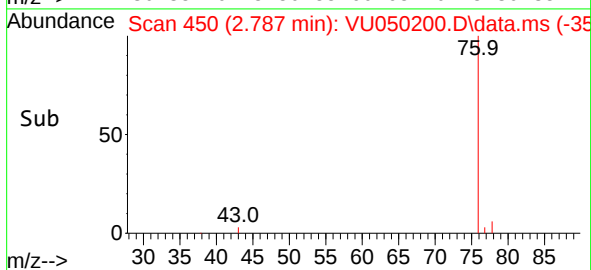
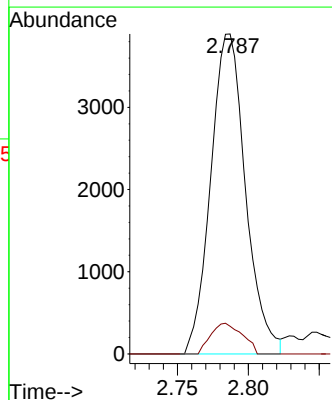
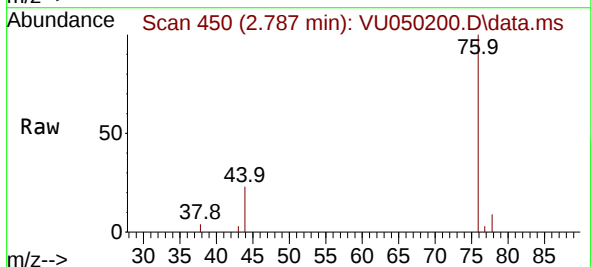
Instrument :
MSVOA_U
ClientSampleId :
DBUU6

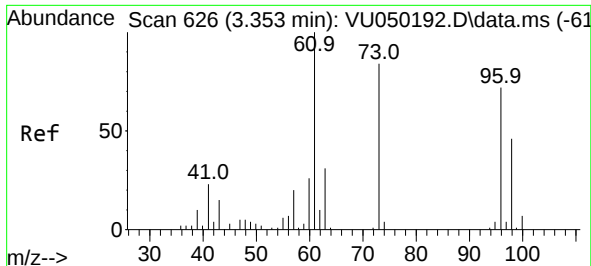
Tgt Ion: 43 Resp: 3859
Ion Ratio Lower Upper
43 100
58 23.5 0.0 64.0



#14
Carbon disulfide
Concen: 0.321 ug/L
RT: 2.787 min Scan# 450
Delta R.T. -0.003 min
Lab File: VU050200.D
Acq: 09 Aug 2022 23:59

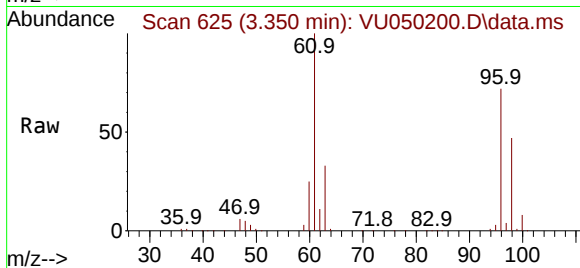
Tgt Ion: 76 Resp: 6655
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



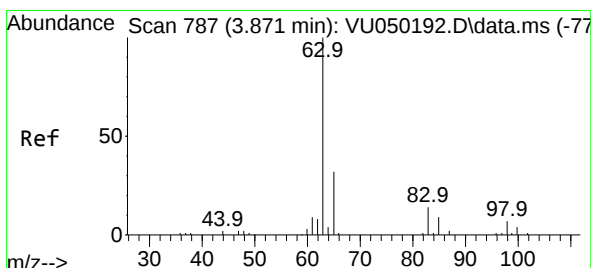
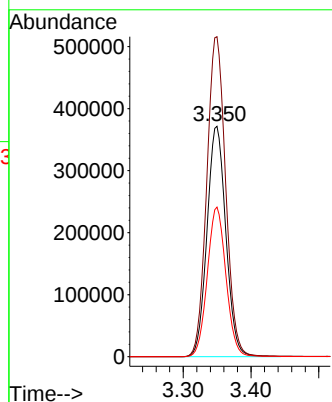
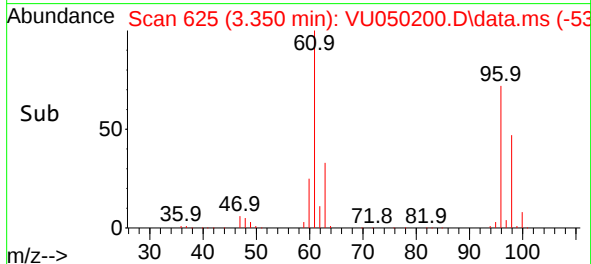


#18
trans-1,2-Dichloroethene
Concen: 110.324 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU050200.D
Acq: 09 Aug 2022 23:59

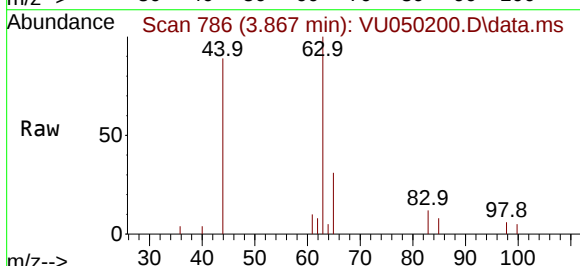
Instrument :
MSVOA_U
ClientSampleId :
DBUU6



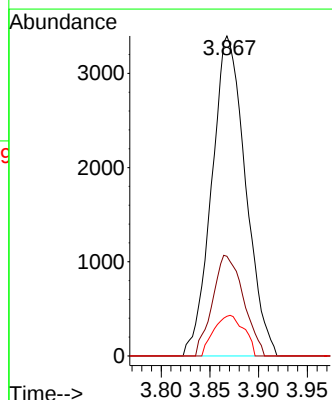
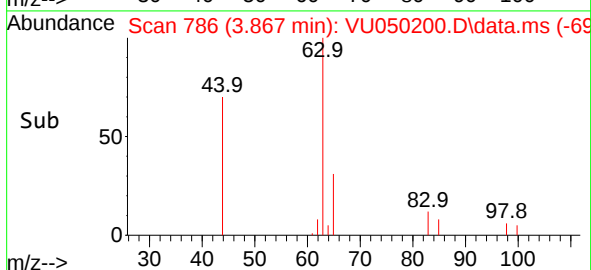
Tgt Ion: 96 Resp: 717076
Ion Ratio Lower Upper
96 100
61 138.9 92.3 171.5
98 64.9 43.2 80.2

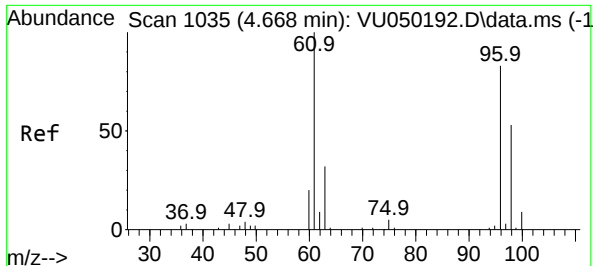


#19
1,1-Dichloroethane
Concen: 0.665 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU050200.D
Acq: 09 Aug 2022 23:59



Tgt Ion: 63 Resp: 8191
Ion Ratio Lower Upper
63 100
65 31.2 22.7 42.3
83 12.4 9.8 18.2

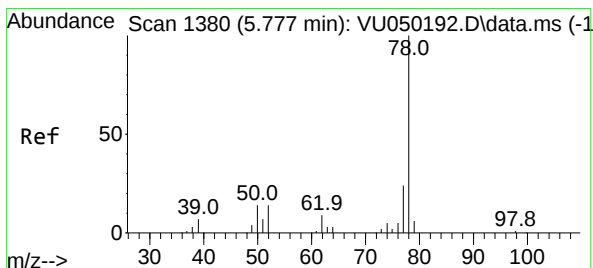
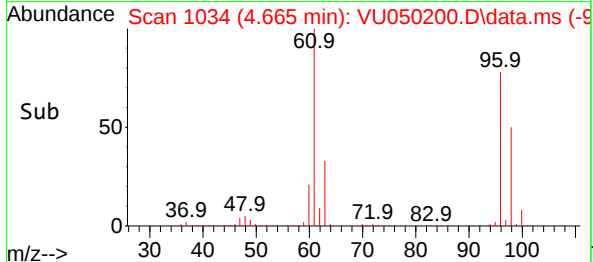
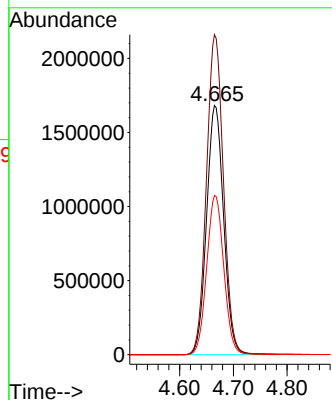
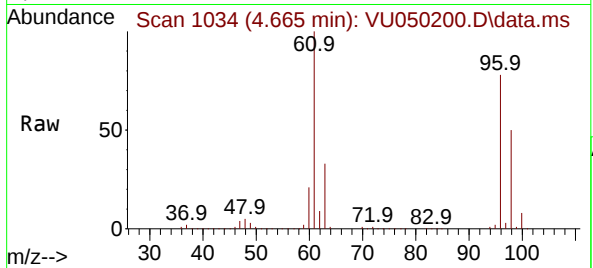




#22
 cis-1,2-Dichloroethene
 Concen: 513.957 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VU050200.D
 Acq: 09 Aug 2022 23:59

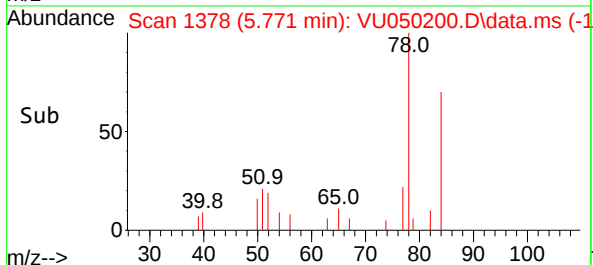
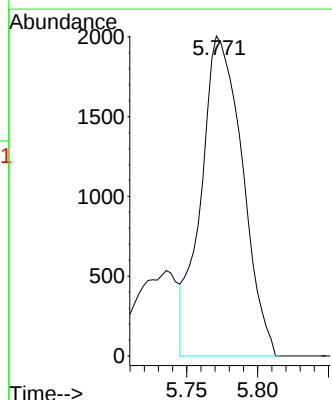
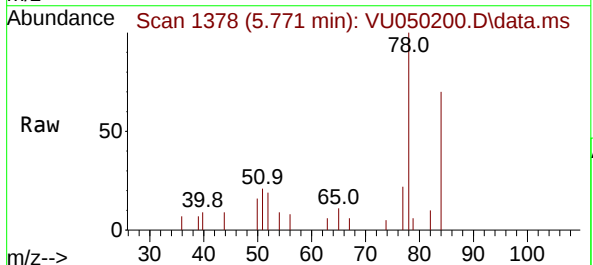
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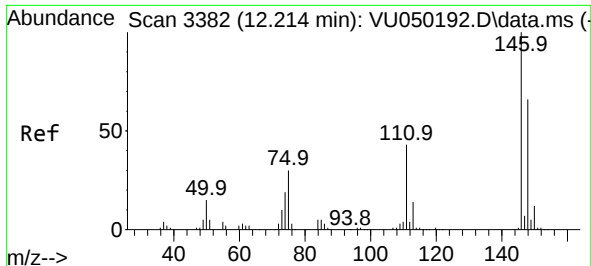
Tgt Ion: 96 Resp: 3707845
 Ion Ratio Lower Upper
 96 100
 61 128.4 89.0 165.4
 98 63.8 45.2 84.0



#33
 Benzene
 Concen: 0.139 ug/L
 RT: 5.771 min Scan# 1378
 Delta R.T. -0.006 min
 Lab File: VU050200.D
 Acq: 09 Aug 2022 23:59

Tgt Ion: 78 Resp: 4068





#67

1,2-Dichlorobenzene

Concen: 0.418 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU050200.D

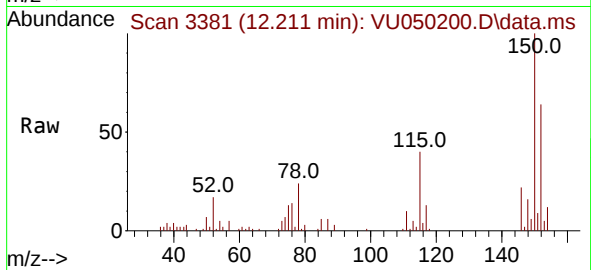
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Instrument :

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Tgt Ion:146 Resp: 4458

Ion Ratio Lower Upper

146 100

111 46.6 32.9 49.3

148 73.8 50.4 75.6

