

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050186.D
 Acq On : 09 Aug 2022 16:10
 Operator : SY/MD
 Sample : N4075-03RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUV4RE

Quant Time: Aug 10 04:49:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

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

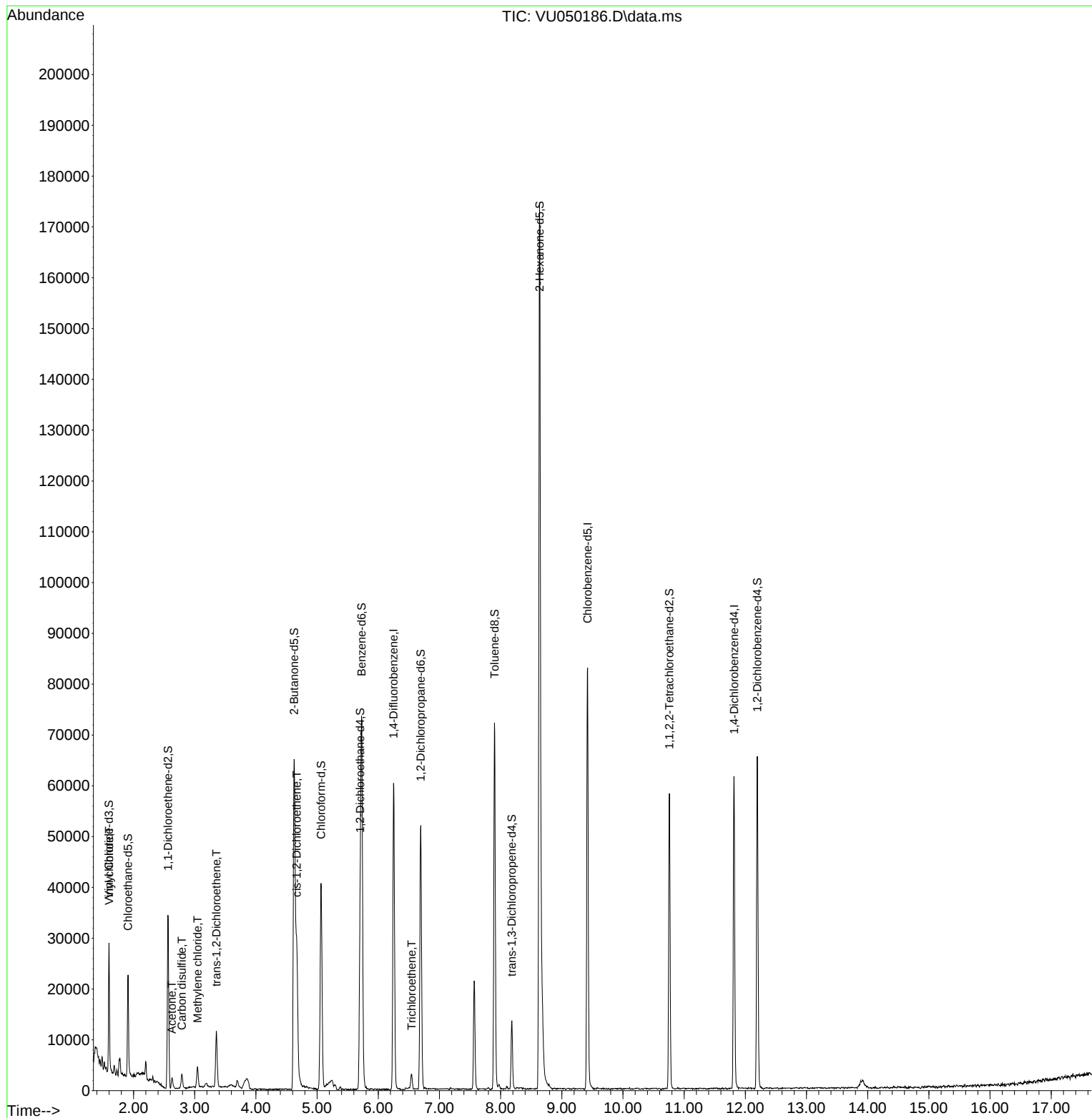
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	49530	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	48168	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	17631	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	15910	3.860	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.200%	
7) Chloroethane-d5	1.909	69	14917	4.486	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.800%	
11) 1,1-Dichloroethene-d2	2.562	65	6292	3.906	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.200%	
20) 2-Butanone-d5	4.623	46	96136	95.642	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	191.280%#	
24) Chloroform-d	5.064	84	39399	5.139	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.800%	
26) 1,2-Dichloroethane-d4	5.703	65	23829	6.053	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	121.000%	
32) Benzene-d6	5.729	84	69413	4.618	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
36) 1,2-Dichloropropane-d6	6.694	67	26340	5.321	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.400%	
41) Toluene-d8	7.899	98	50184	3.780	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.600%	
43) trans-1,3-Dichloroprop...	8.182	79	8488	4.785	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.800%	
46) 2-Hexanone-d5	8.636	63	54954	87.365	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	174.720%#	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	31521	7.251	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	145.000%#	
66) 1,2-Dichlorobenzene-d4	12.195	152	18284	5.293	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	2095	0.394	ug/L	83
13) Acetone	2.626	43	2477	4.425	ug/L	97
14) Carbon disulfide	2.790	76	4130	0.338	ug/L #	94
16) Methylene chloride	3.044	84	1835	0.351	ug/L	96
18) trans-1,2-Dichloroethene	3.353	96	4488	1.171	ug/L	84
22) cis-1,2-Dichloroethene	4.668	96	12218	2.872	ug/L	89
34) Trichloroethene	6.546	95	1041	0.255	ug/L	89

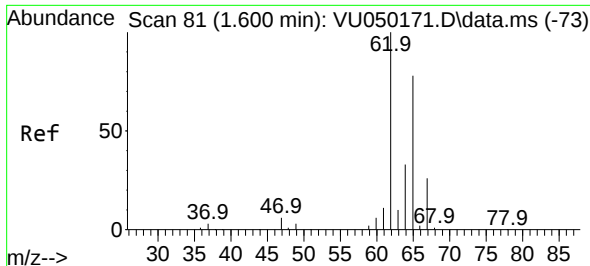
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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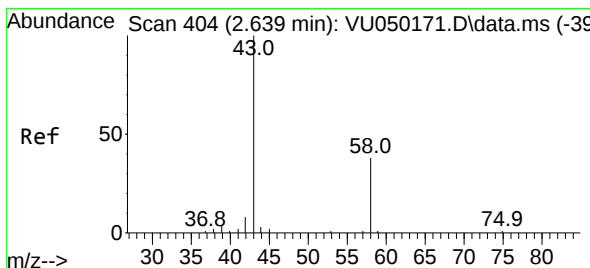
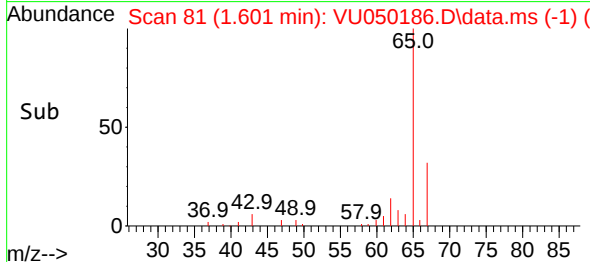
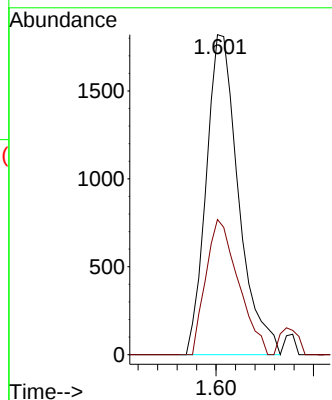
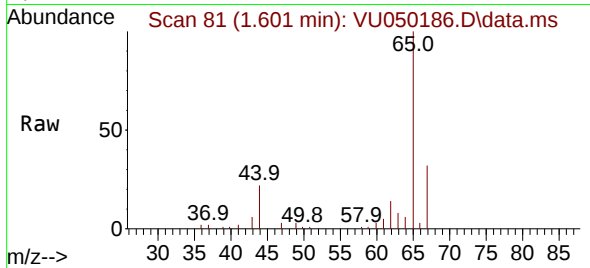




#5
 Vinyl chloride
 Concen: 0.394 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050186.D
 Acq: 09 Aug 2022 16:10

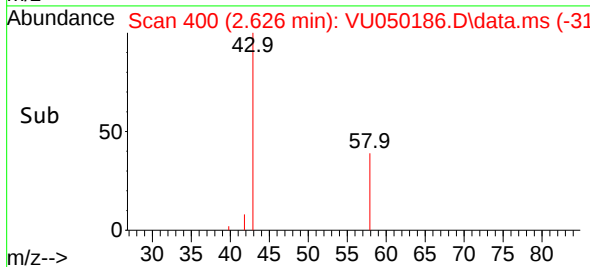
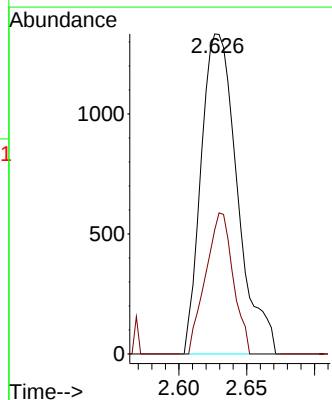
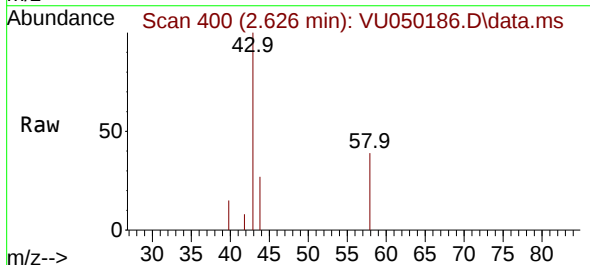
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUV4RE

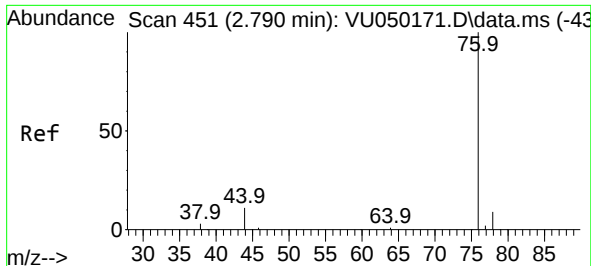
Tgt Ion: 62 Resp: 2095
 Ion Ratio Lower Upper
 62 100
 64 42.3 22.8 42.4



#13
 Acetone
 Concen: 4.425 ug/L
 RT: 2.626 min Scan# 400
 Delta R.T. -0.019 min
 Lab File: VU050186.D
 Acq: 09 Aug 2022 16:10

Tgt Ion: 43 Resp: 2477
 Ion Ratio Lower Upper
 43 100
 58 33.5 0.0 64.0

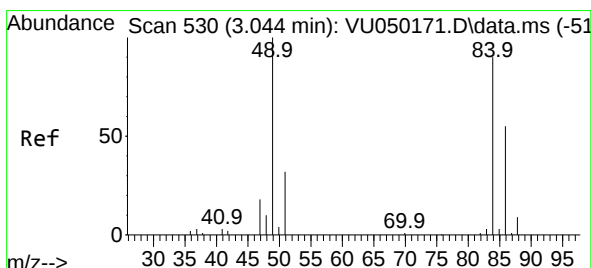
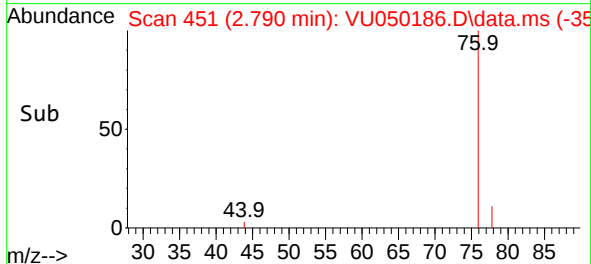
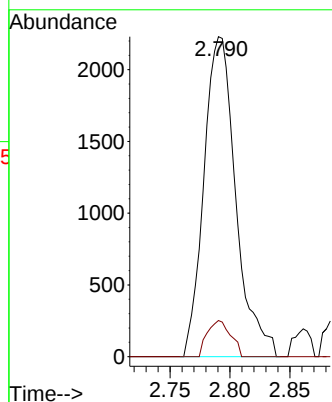
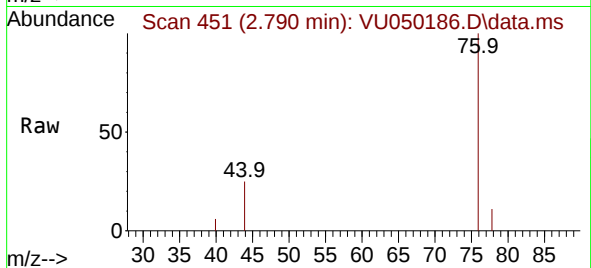




#14
Carbon disulfide
Concen: 0.338 ug/L
RT: 2.790 min Scan# 4130
Delta R.T. 0.003 min
Lab File: VU050186.D
Acq: 09 Aug 2022 16:10

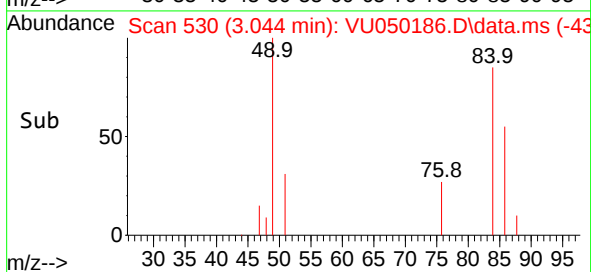
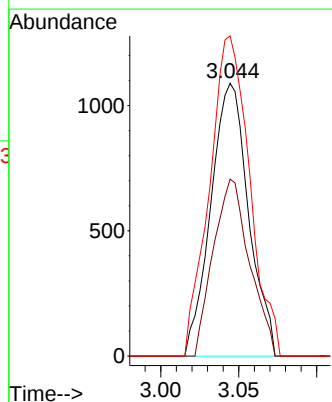
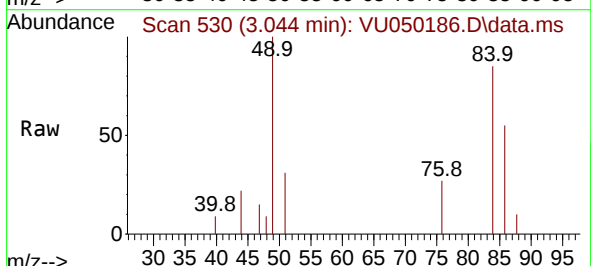
Instrument :
MSVOA_U
ClientSampleId :
DBUV4RE

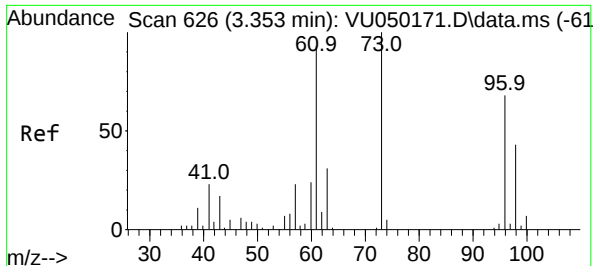
Tgt Ion: 76 Resp: 4130
Ion Ratio Lower Upper
76 100
78 11.3 7.4 11.0#



#16
Methylene chloride
Concen: 0.351 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU050186.D
Acq: 09 Aug 2022 16:10

Tgt Ion: 84 Resp: 1835
Ion Ratio Lower Upper
84 100
86 64.8 45.9 85.3
49 117.4 77.6 144.0

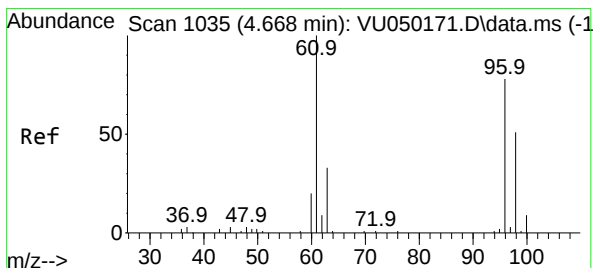
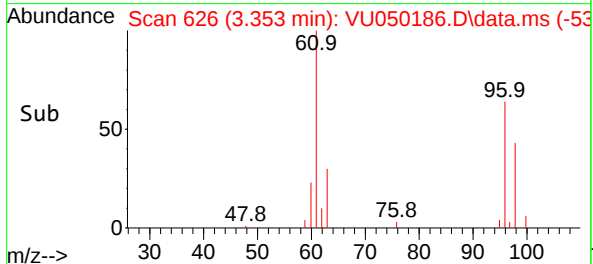
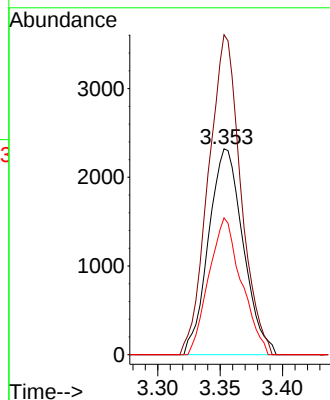
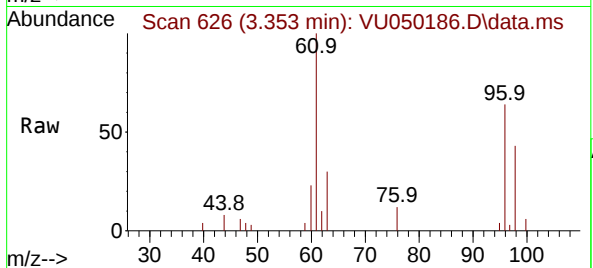




#18
trans-1,2-Dichloroethene
Concen: 1.171 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU050186.D
Acq: 09 Aug 2022 16:10

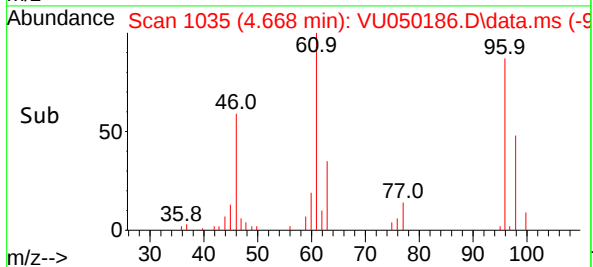
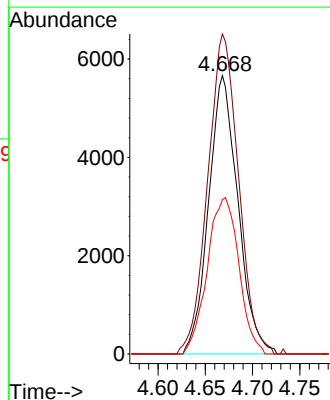
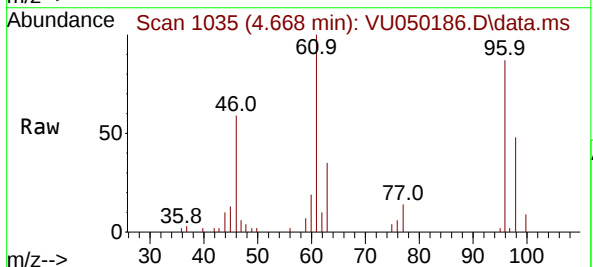
Instrument :
MSVOA_U
ClientSampleId :
DBUV4RE

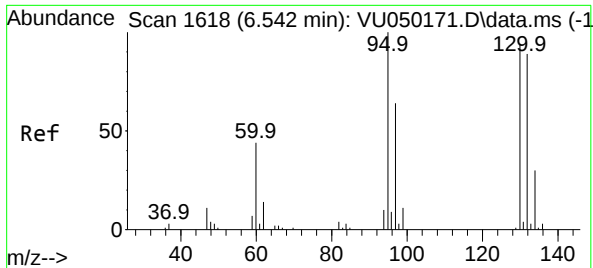
Tgt Ion: 96 Resp: 4488
Ion Ratio Lower Upper
96 100
61 155.4 92.3 171.5
98 66.4 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 2.872 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU050186.D
Acq: 09 Aug 2022 16:10

Tgt Ion: 96 Resp: 12218
Ion Ratio Lower Upper
96 100
61 114.9 89.0 165.4
98 55.5 45.2 84.0





#34
 Trichloroethene
 Concen: 0.255 ug/L
 RT: 6.546 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU050186.D
 Acq: 09 Aug 2022 16:10

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUV4RE

Tgt Ion: 95 Resp: 1041

Ion	Ratio	Lower	Upper
95	100		
97	60.1	45.6	84.8
132	78.9	65.0	120.6
130	88.0	69.3	128.7

