

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031521\
 Data File : VU042656.D
 Acq On : 15 Mar 2021 11:46
 Operator : SY/MD
 Sample : M1656-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW106

Quant Time: Mar 16 01:34:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 16 01:32:07 2021
 Response via : Initial Calibration

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

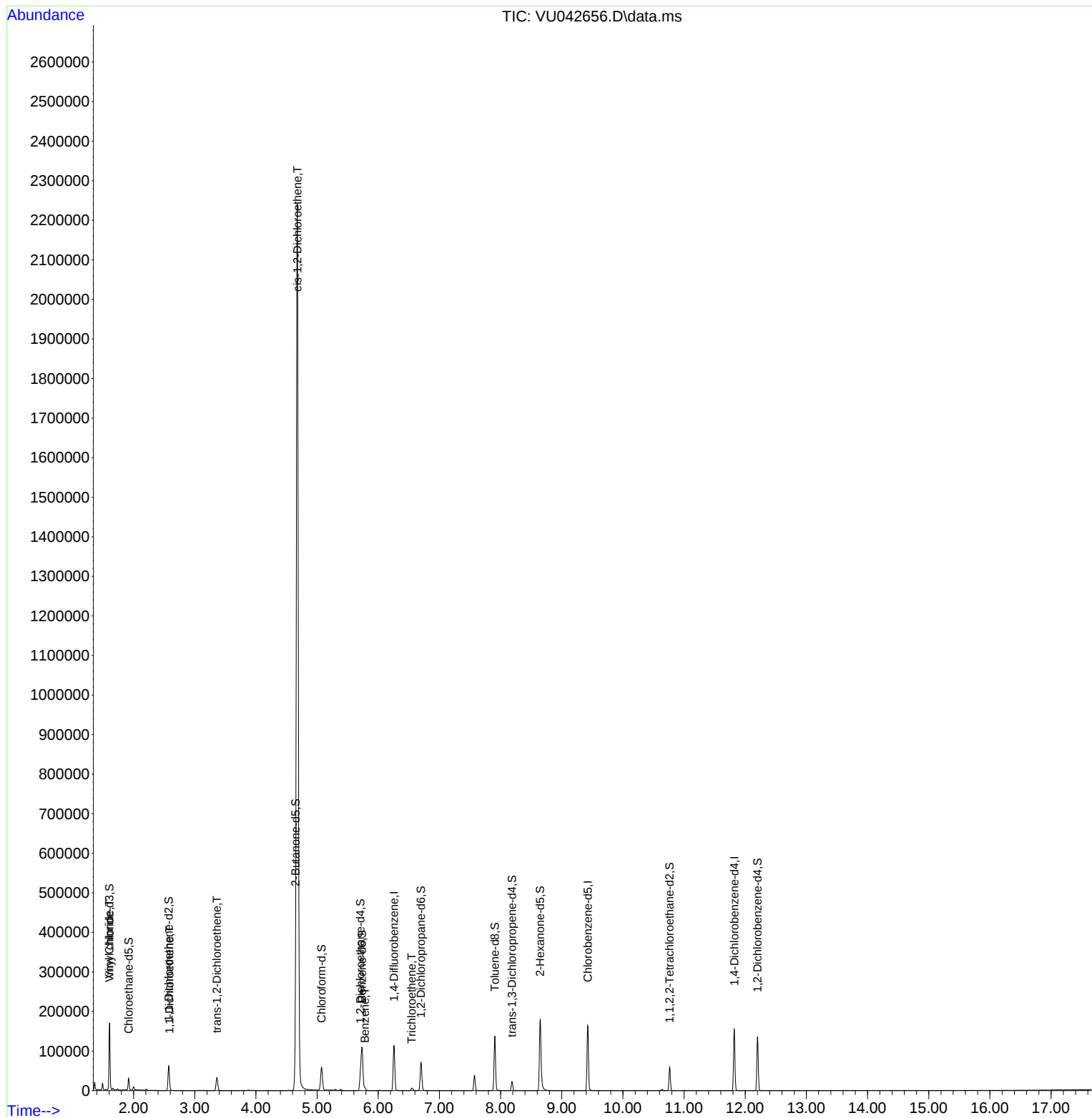
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	87151	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	84460	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	38779	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21611	3.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.40%
7) Chloroethane-d5	1.919	69	20177	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.575	63	37240	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	4.649	46	91177	47.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.60%
24) Chloroform-d	5.073	84	50266	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.710	65	33258	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.735	84	90655	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.700	67	30064	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.906	98	84891	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloroprop...	8.185	79	11871	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.645	63	62581	41.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.76%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	27129	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	33955	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	86123	11.17	ug/L	99
12) 1,1-Dichloroethene	2.588	96	2058	0.34	ug/L #	1
18) trans-1,2-Dichloroethene	3.362	96	12181	1.89	ug/L	98
22) cis-1,2-Dichloroethene	4.678	96	1073953	155.65	ug/L	98
33) Benzene	5.784	78	6451	0.24	ug/L	100
34) Trichloroethene	6.546	95	2176	0.30	ug/L	85

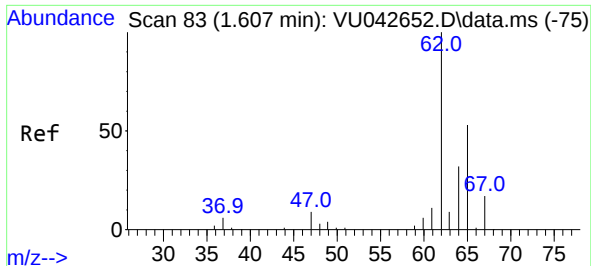
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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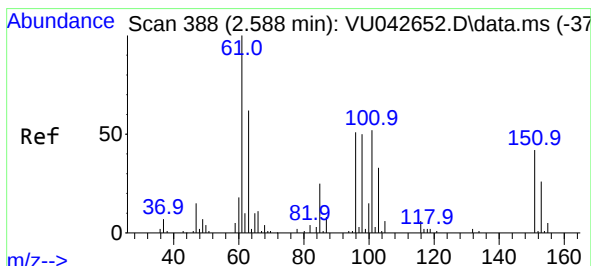
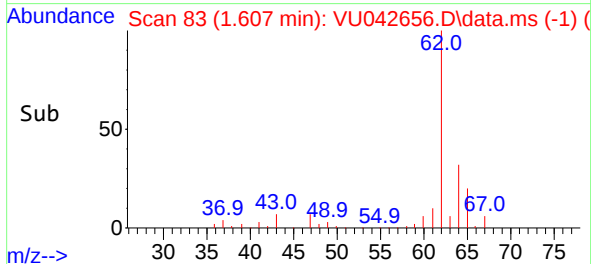
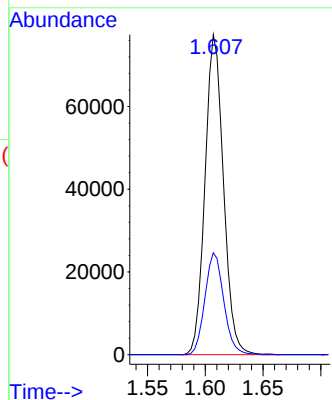
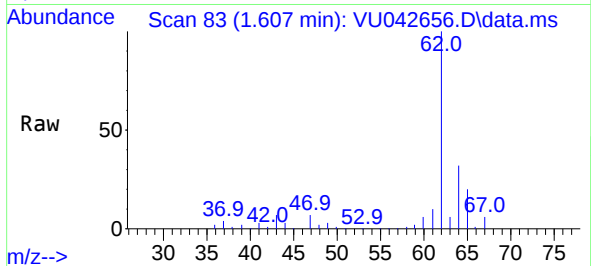




#5
 Vinyl chloride
 Concen: 11.17 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042656.D
 Acq: 15 Mar 2021 11:46

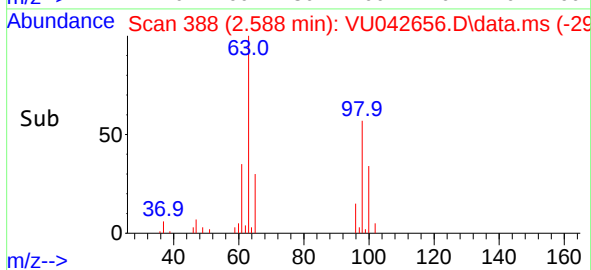
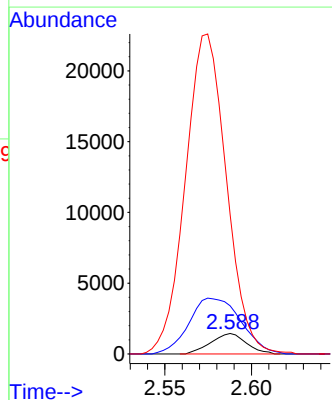
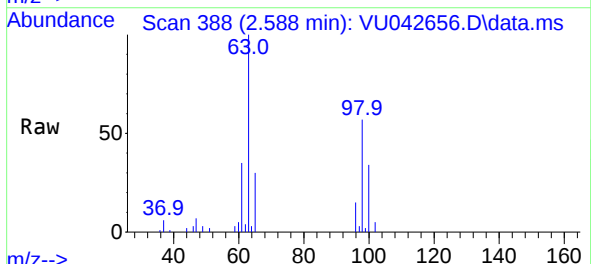
Instrument :
 MSVOA_U
 ClientSampled :
 EW106

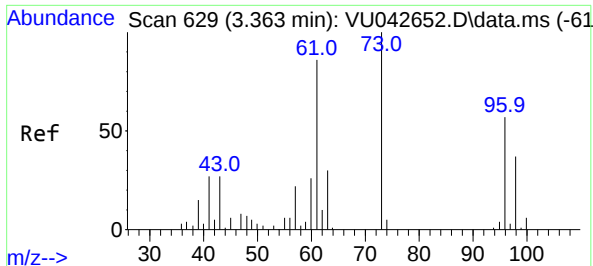
Tgt Ion: 62 Resp: 86123
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.7 42.1



#12
 1,1-Dichloroethene
 Concen: 0.34 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042656.D
 Acq: 15 Mar 2021 11:46

Tgt Ion: 96 Resp: 2058
 Ion Ratio Lower Upper
 96 100
 61 234.6 126.2 234.4#
 63 679.7 77.8 144.4#

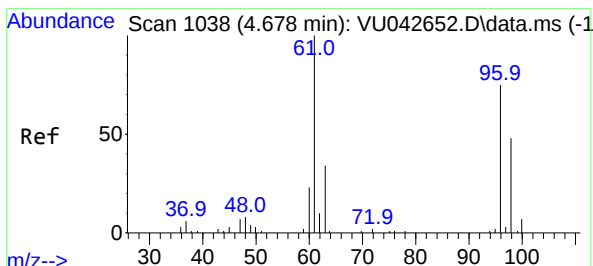
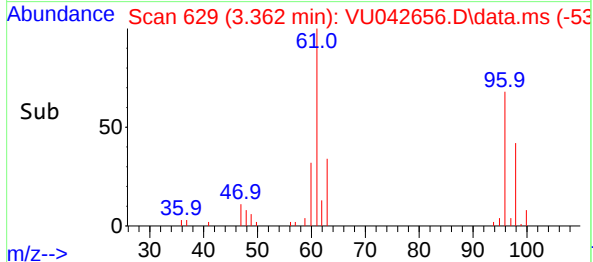
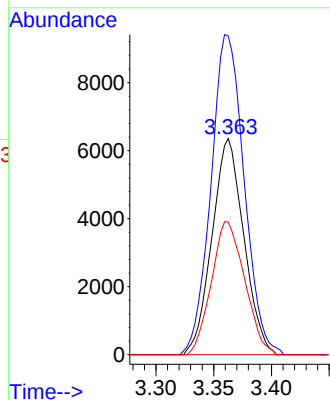
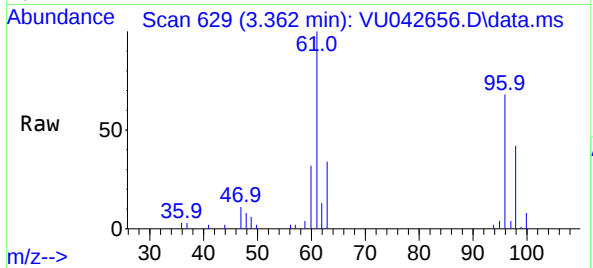




#18
trans-1,2-Dichloroethene
Concen: 1.89 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU042656.D
Acq: 15 Mar 2021 11:46

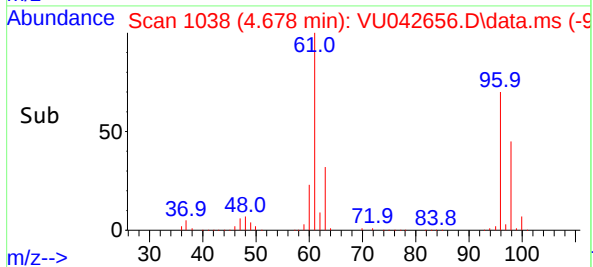
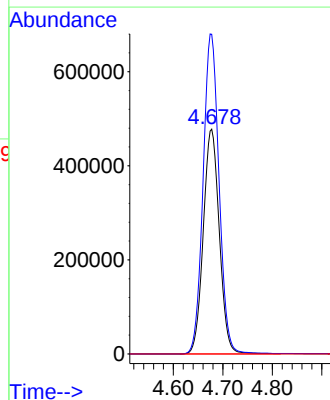
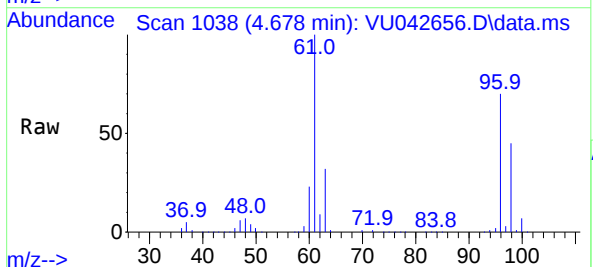
Instrument :
MSVOA_U
ClientSampleId :
EW106

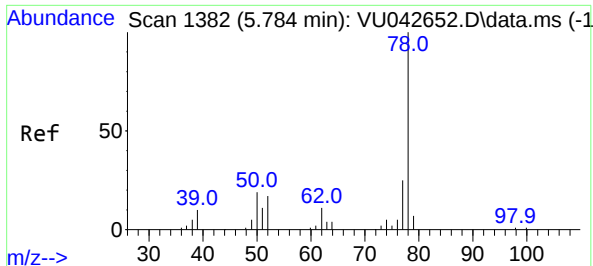
Tgt Ion: 96 Resp: 12181
Ion Ratio Lower Upper
96 100
61 147.5 105.7 196.3
98 61.4 42.8 79.6



#22
cis-1,2-Dichloroethene
Concen: 155.65 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042656.D
Acq: 15 Mar 2021 11:46

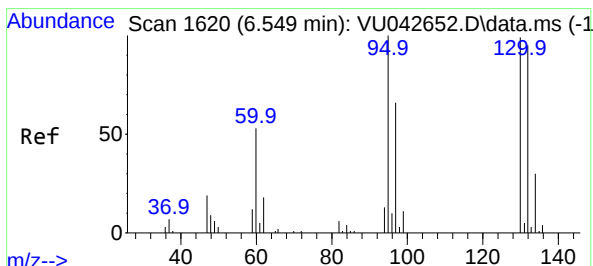
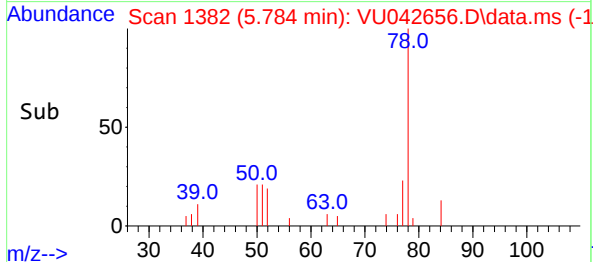
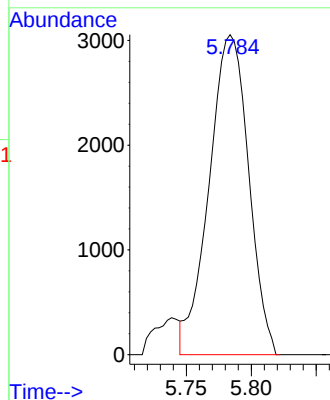
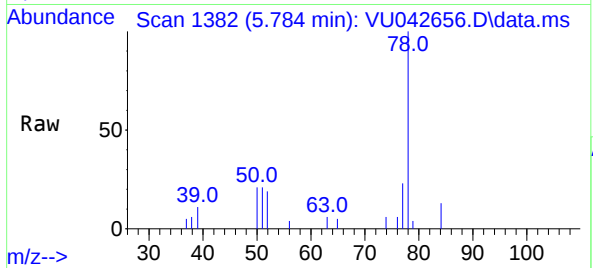
Tgt Ion: 96 Resp: 1073953
Ion Ratio Lower Upper
96 100
61 142.2 97.8 181.6
68 0.0 0.0 0.0





#33
Benzene
Concen: 0.24 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042656.D
Acq: 15 Mar 2021 11:46
Tgt Ion: 78 Resp: 6451

Instrument :
MSVOA_U
ClientSampleId :
EW106



#34
Trichloroethene
Concen: 0.30 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU042656.D
Acq: 15 Mar 2021 11:46
Tgt Ion: 95 Resp: 2176

