

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031522\
 Data File : VU047580.D
 Acq On : 15 Mar 2022 16:19
 Operator : SY/MD
 Sample : N1858-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNG8

Quant Time: Mar 16 06:47:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 06:43:54 2022
 Response via : Initial Calibration

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

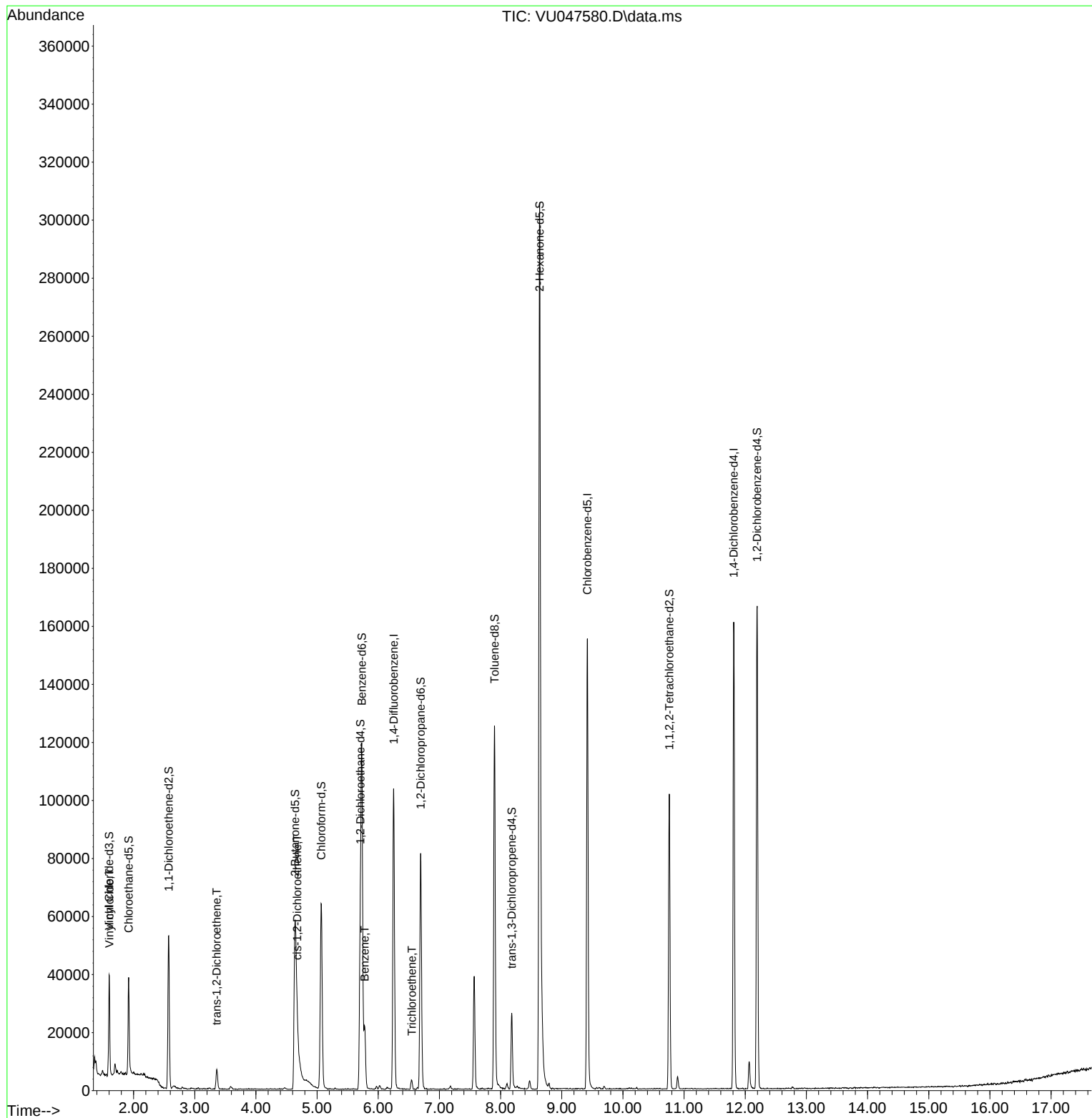
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	90699	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	93995	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46501	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	22467	3.788	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.919	69	24423	4.537	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.575	65	9720	3.494	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	4.639	46	131187	76.865	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	153.720%#
24) Chloroform-d	5.070	84	60825	4.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.706	65	38493	5.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.732	84	111826	4.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.693	67	39287	4.566	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.902	98	88723	3.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	8.182	79	15445	4.269	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.639	63	123753	65.993	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.980%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	51290	5.969	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	47178	4.855	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	2418	0.428	ug/L #	66
18) trans-1,2-Dichloroethene	3.359	96	3213	0.661	ug/L	94
22) cis-1,2-Dichloroethene	4.674	96	2072	0.384	ug/L	91
33) Benzene	5.777	78	20242	0.953	ug/L	100
34) Trichloroethene	6.549	95	1073	0.191	ug/L	91

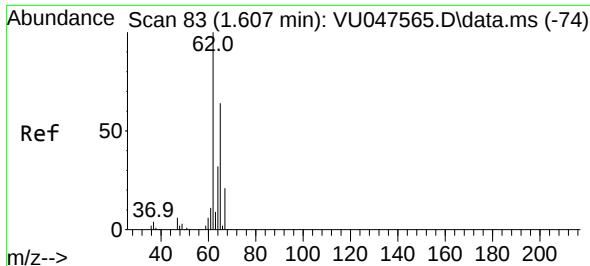
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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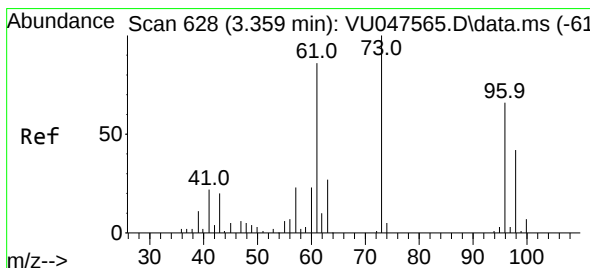
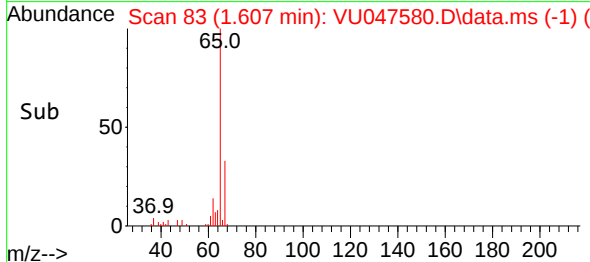
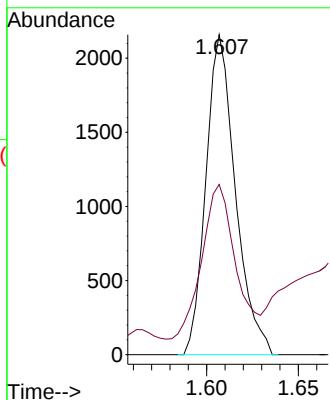
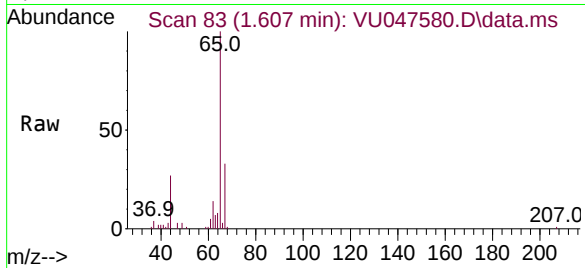




#5
 Vinyl chloride
 Concen: 0.428 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047580.D
 Acq: 15 Mar 2022 16:19

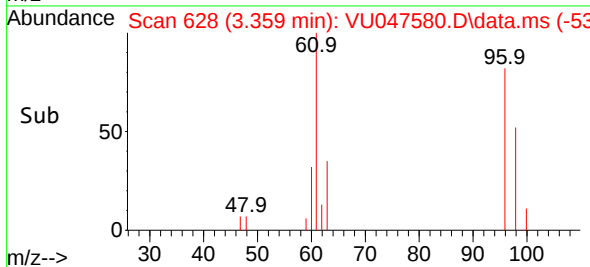
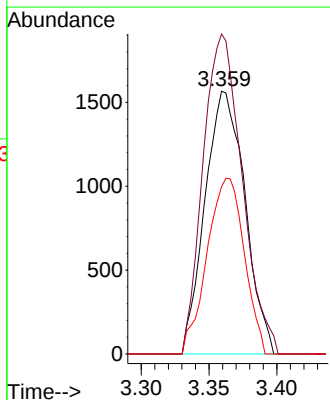
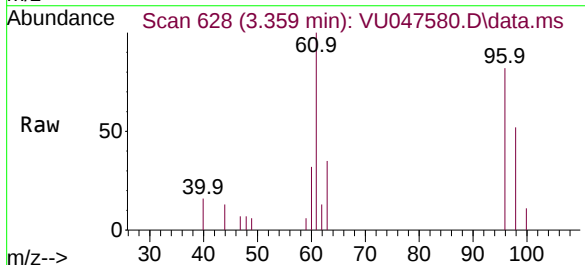
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNG8

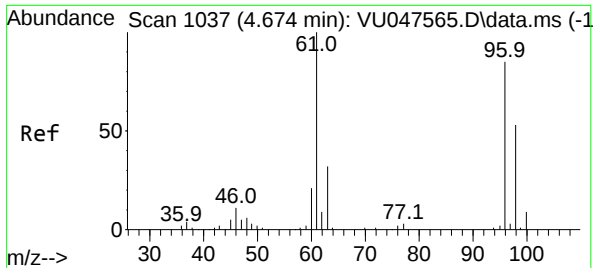
Tgt Ion: 62 Resp: 2418
 Ion Ratio Lower Upper
 62 100
 64 53.2 23.5 43.7#



#18
 trans-1,2-Dichloroethene
 Concen: 0.661 ug/L
 RT: 3.359 min Scan# 628
 Delta R.T. -0.000 min
 Lab File: VU047580.D
 Acq: 15 Mar 2022 16:19

Tgt Ion: 96 Resp: 3213
 Ion Ratio Lower Upper
 96 100
 61 121.8 91.7 170.3
 98 63.6 45.1 83.7



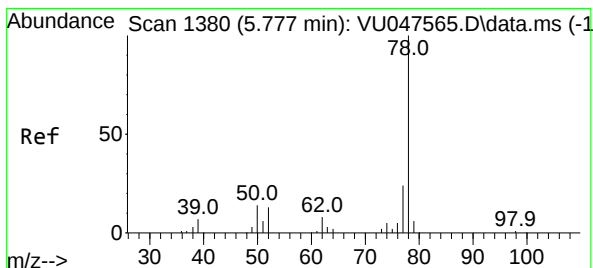
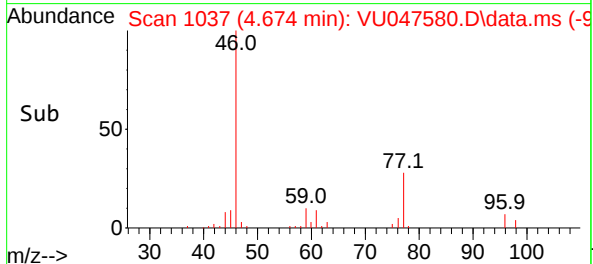
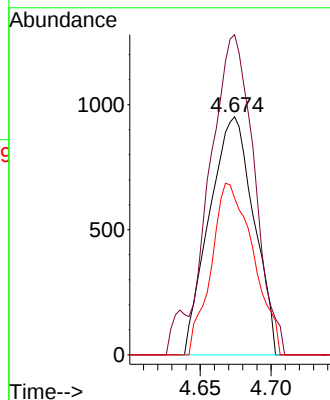
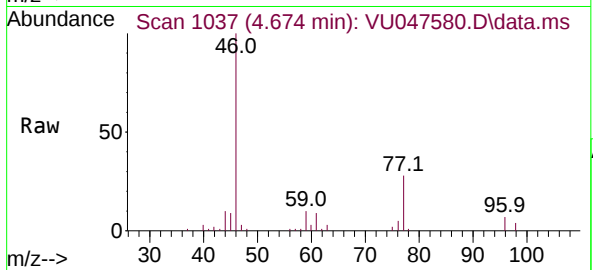


#22
 cis-1,2-Dichloroethene
 Concen: 0.384 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VU047580.D
 Acq: 15 Mar 2022 16:19

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNG8

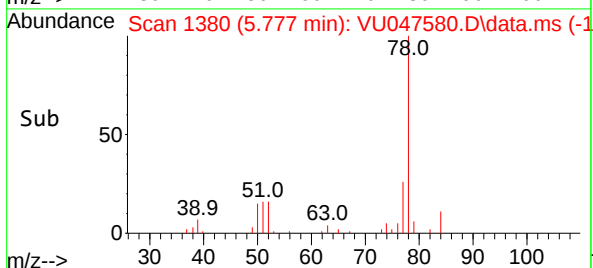
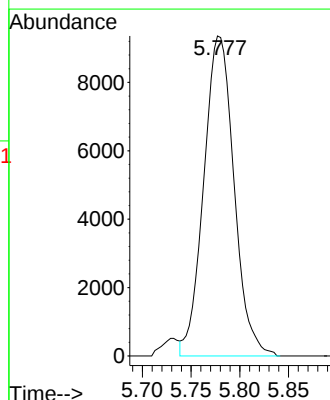
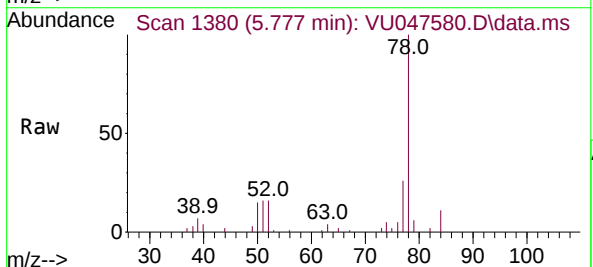
Tgt Ion: 96 Resp: 2072

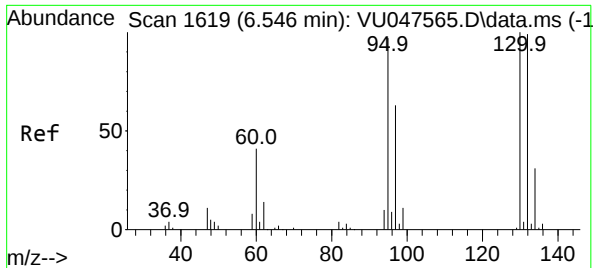
Ion	Ratio	Lower	Upper
96	100		
61	134.5	83.9	155.7
98	65.9	46.4	86.2



#33
 Benzene
 Concen: 0.953 ug/L
 RT: 5.777 min Scan# 1380
 Delta R.T. -0.000 min
 Lab File: VU047580.D
 Acq: 15 Mar 2022 16:19

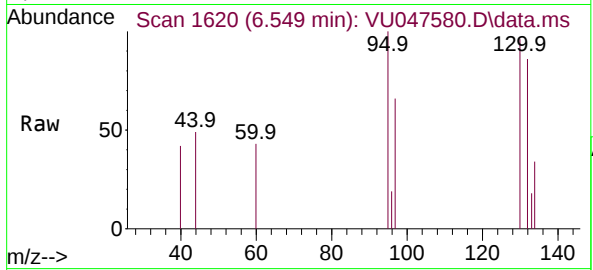
Tgt Ion: 78 Resp: 20242





#34
 Trichloroethene
 Concen: 0.191 ug/L
 RT: 6.549 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU047580.D
 Acq: 15 Mar 2022 16:19

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNG8



Tgt Ion: 95 Resp: 1073

Ion	Ratio	Lower	Upper
95	100		
97	66.2	46.3	85.9
132	86.5	70.7	131.3
130	95.9	73.6	136.8

