

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047559.D
 Acq On : 15 Mar 2022 00:48
 Operator : SY/MD
 Sample : N1858-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNK1

Quant Time: Mar 15 06:18:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 15 05:45:04 2022
 Response via : Initial Calibration

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

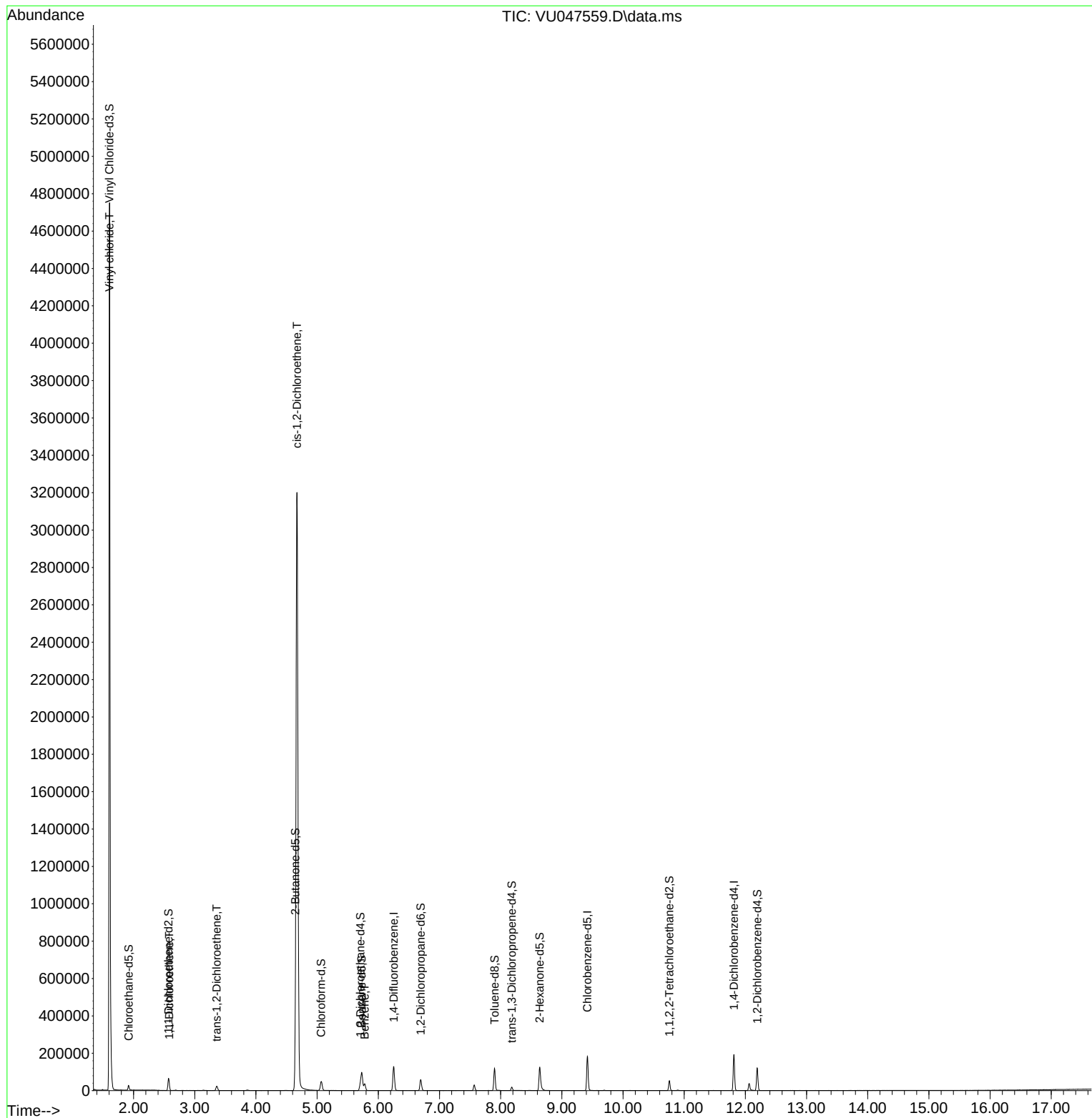
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	111141	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	107599	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54593	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	50233	6.911	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	138.200%#
7) Chloroethane-d5	1.919	69	19883	3.014	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.200%#
11) 1,1-Dichloroethene-d2	2.572	65	11531	3.383	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	4.646	46	60083	28.729	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	57.460%
24) Chloroform-d	5.067	84	45510	2.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	57.000%#
26) 1,2-Dichloroethane-d4	5.707	65	23651	2.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	54.600%#
32) Benzene-d6	5.729	84	92311	2.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	59.000%#
36) 1,2-Dichloropropane-d6	6.694	67	28080	2.851	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	57.000%#
41) Toluene-d8	7.899	98	81997	2.792	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.800%#
43) trans-1,3-Dichloroprop...	8.182	79	10960	2.647	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	53.000%#
46) 2-Hexanone-d5	8.639	63	48614	22.646	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	45.300%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	25972	2.640	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	52.800%#
66) 1,2-Dichlorobenzene-d4	12.195	152	35535	3.115	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	62.200%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	3353191	484.849	ug/L	98
12) 1,1-Dichloroethene	2.585	96	1817	0.328	ug/L	# 1
18) trans-1,2-Dichloroethene	3.359	96	10585	1.778	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	1735995	262.873	ug/L	99
33) Benzene	5.777	78	35751	1.471	ug/L	100

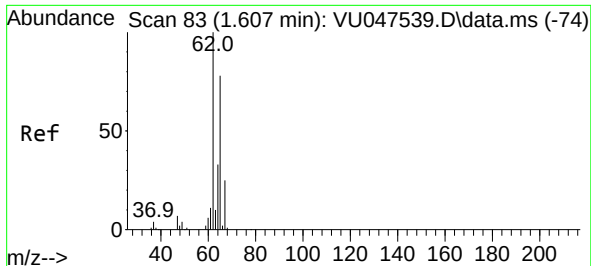
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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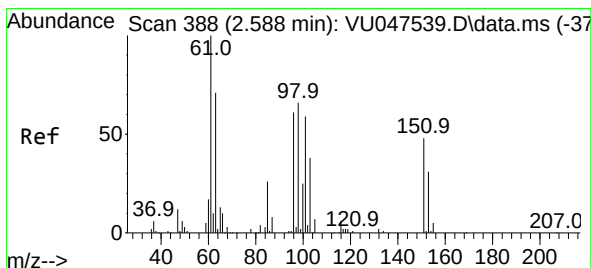
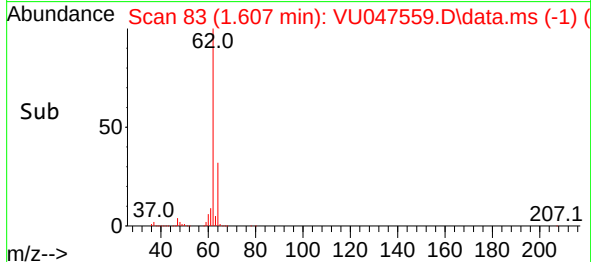
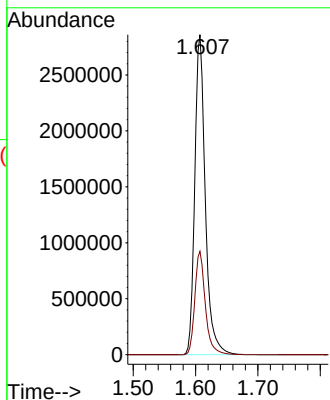
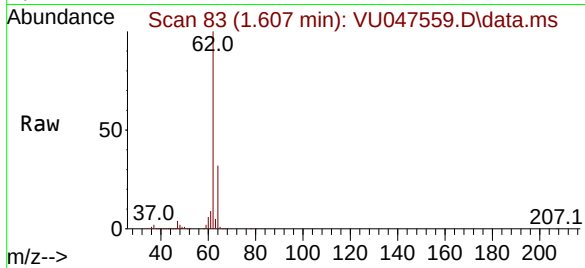




#5
 Vinyl chloride
 Concen: 484.849 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047559.D
 Acq: 15 Mar 2022 00:48

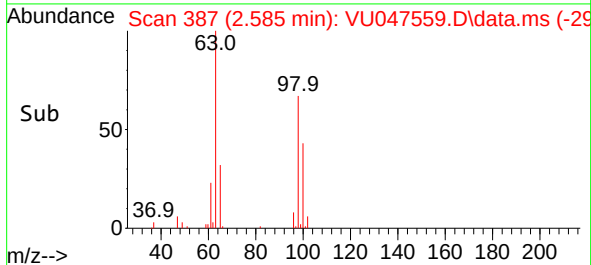
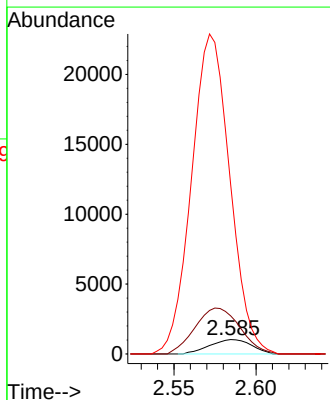
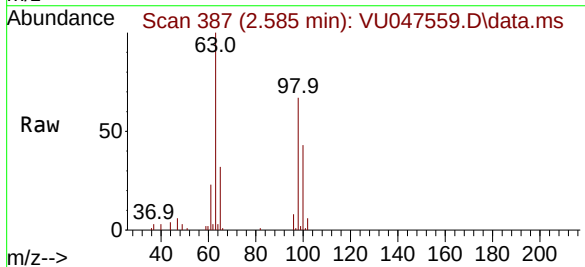
Instrument :
 MSVOA_U
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 ETNK1

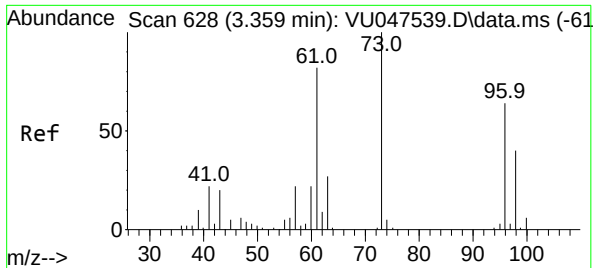
Tgt Ion: 62 Resp: 3353191
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.5 43.7



#12
 1,1-Dichloroethene
 Concen: 0.328 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047559.D
 Acq: 15 Mar 2022 00:48

Tgt Ion: 96 Resp: 1817
 Ion Ratio Lower Upper
 96 100
 61 266.2 111.4 207.0#
 63 1181.7 106.6 198.0#

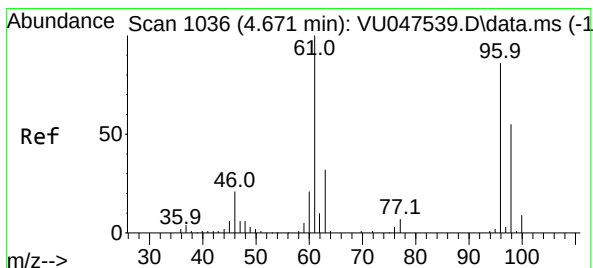
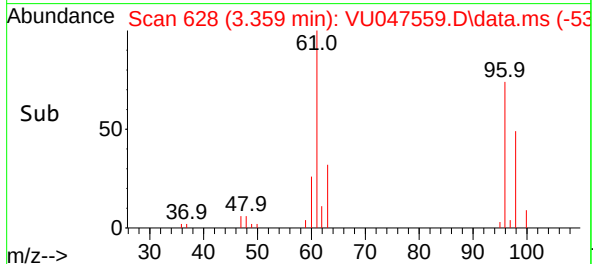
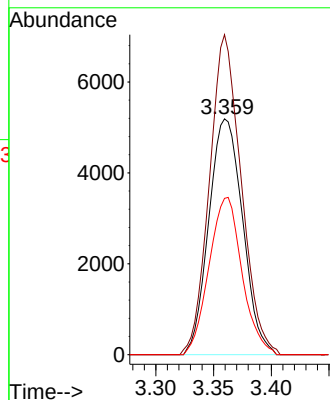
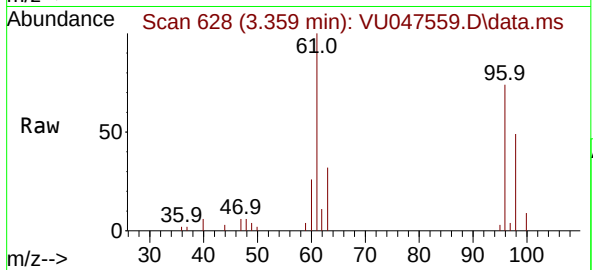




#18
trans-1,2-Dichloroethene
Concen: 1.778 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047559.D
Acq: 15 Mar 2022 00:48

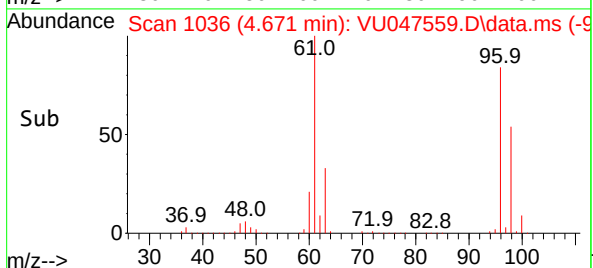
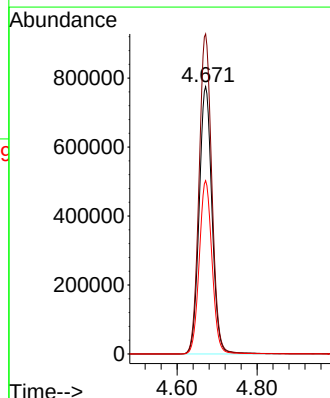
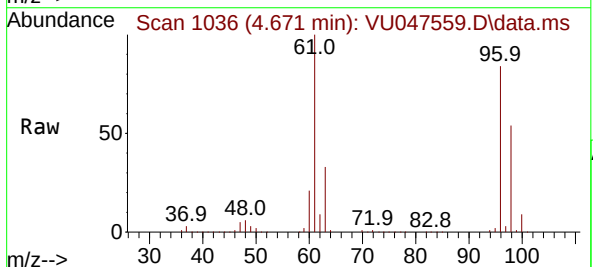
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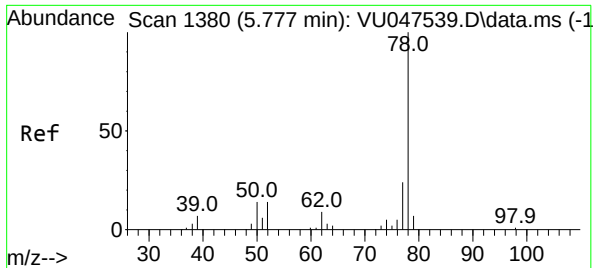
Tgt Ion: 96 Resp: 10585
Ion Ratio Lower Upper
96 100
61 135.7 91.7 170.3
98 66.3 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 262.873 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047559.D
Acq: 15 Mar 2022 00:48

Tgt Ion: 96 Resp: 1735995
Ion Ratio Lower Upper
96 100
61 119.7 83.9 155.7
98 64.8 46.4 86.2





#33
Benzene
Concen: 1.471 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047559.D
Acq: 15 Mar 2022 00:48

Tgt Ion: 78 Resp: 35751

Instrument :
MSVOA_U
ClientSampleId :
ETNK1

