

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047560.D
 Acq On : 15 Mar 2022 01:12
 Operator : SY/MD
 Sample : N1858-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNK2

Quant Time: Mar 15 06:18:18 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

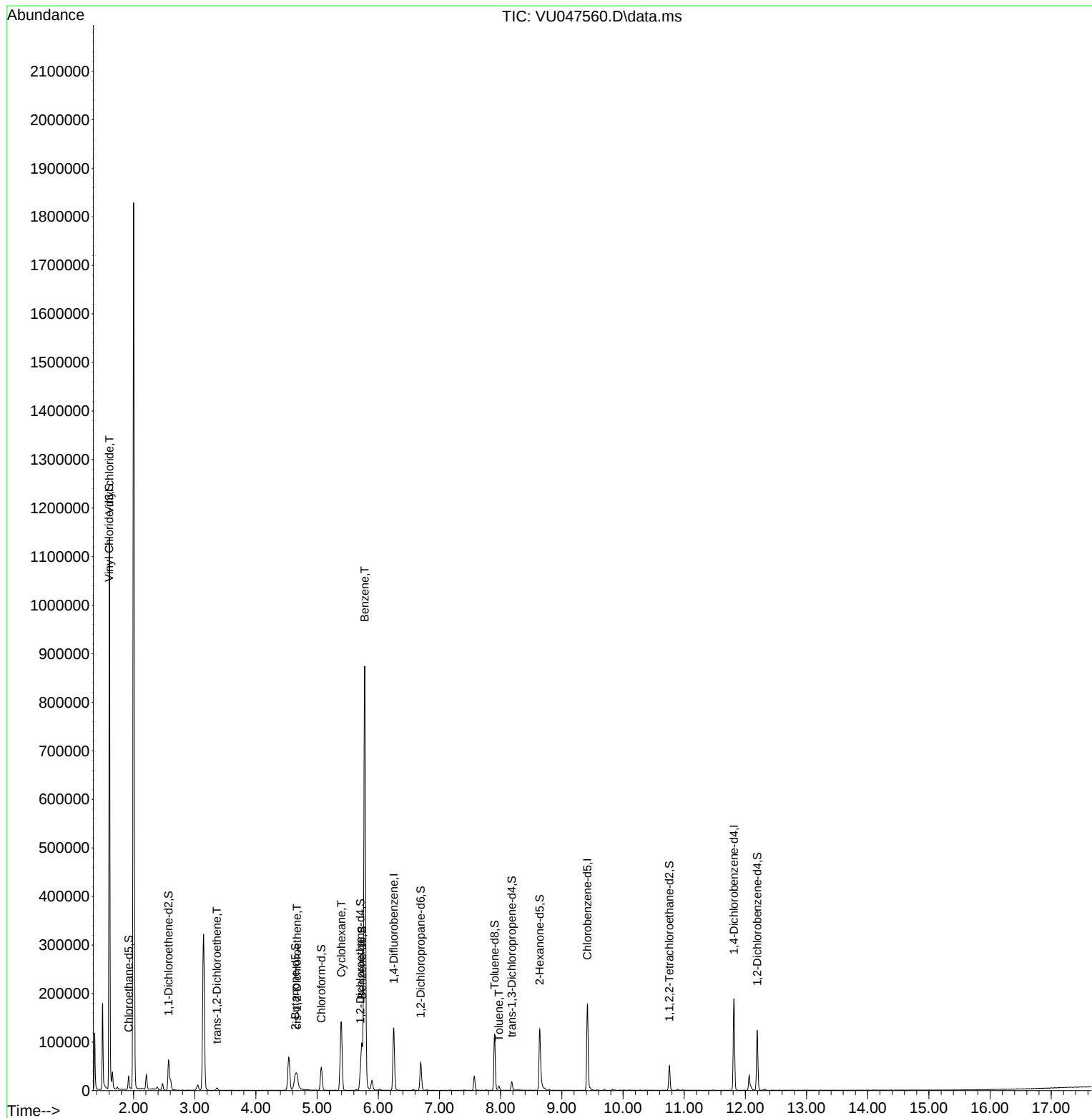
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	110635	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	106582	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	52889	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	24500	3.386	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.800%	
7) Chloroethane-d5	1.919	69	19613	2.987	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	59.800%#	
11) 1,1-Dichloroethene-d2	2.571	65	11069	3.262	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.200%	
20) 2-Butanone-d5	4.645	46	60310	28.969	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	57.940%	
24) Chloroform-d	5.070	84	45261	2.849	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	57.000%#	
26) 1,2-Dichloroethane-d4	5.706	65	23580	2.739	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	54.800%#	
32) Benzene-d6	5.732	84	91976	2.964	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	59.200%#	
36) 1,2-Dichloropropane-d6	6.694	67	28114	2.881	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	57.600%#	
41) Toluene-d8	7.899	98	80868	2.780	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	55.600%#	
43) trans-1,3-Dichloroprop...	8.182	79	10659	2.599	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	52.000%#	
46) 2-Hexanone-d5	8.639	63	49072	23.078	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	46.160%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	25211	2.587	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	51.800%#	
66) 1,2-Dichlorobenzene-d4	12.195	152	35513	3.213	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	64.200%#	
Target Compounds						
5) Vinyl chloride	1.607	62	22694	3.296	ug/L	96
18) trans-1,2-Dichloroethene	3.362	96	1497	0.253	ug/L #	83
22) cis-1,2-Dichloroethene	4.671	96	10000	1.521	ug/L	100
30) Cyclohexane	5.395	56	67606	8.260	ug/L	99
33) Benzene	5.777	78	847550	35.195	ug/L	100
42) Toluene	7.970	91	7059	0.270	ug/L	100

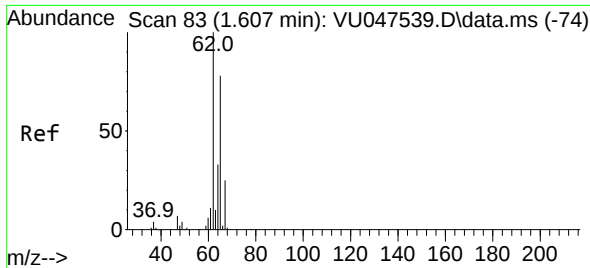
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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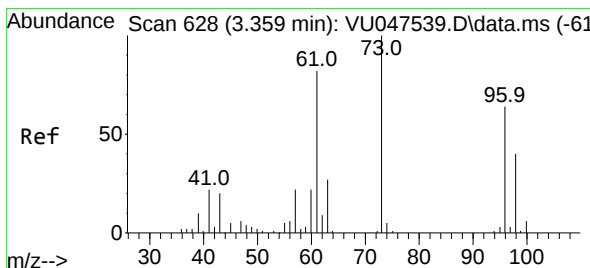
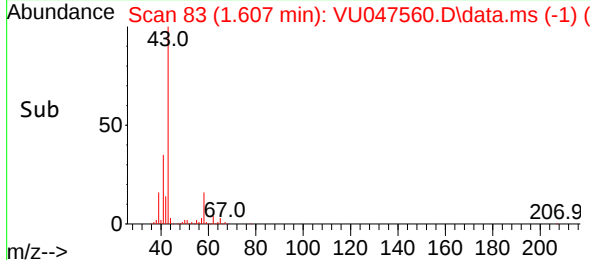
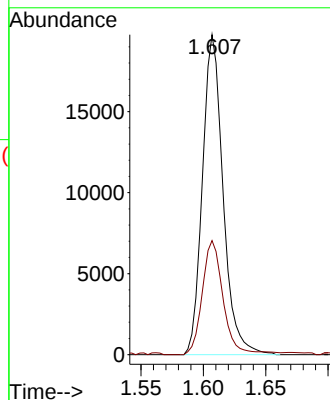
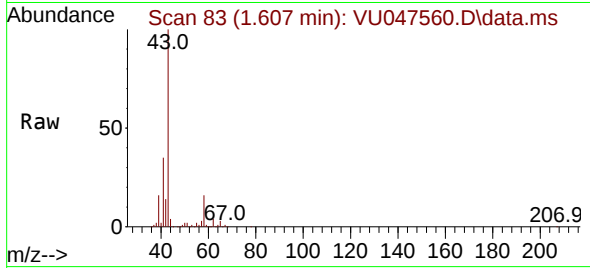




#5
 Vinyl chloride
 Concen: 3.296 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047560.D
 Acq: 15 Mar 2022 01:12

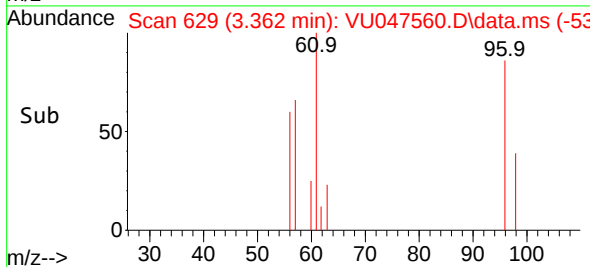
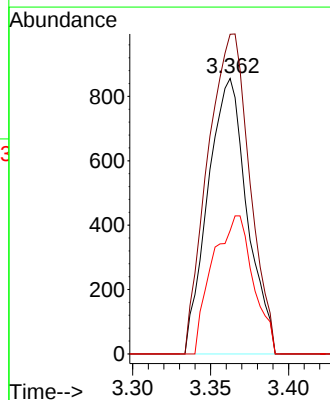
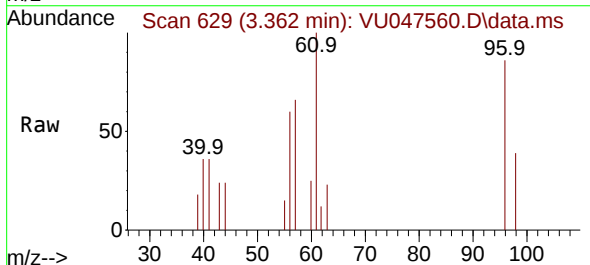
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNK2

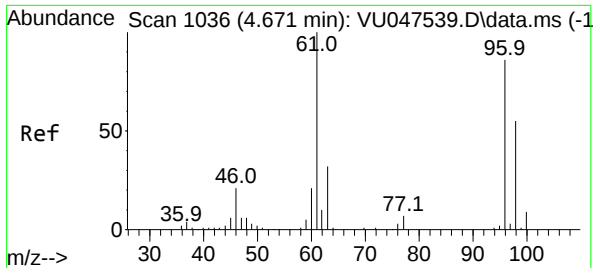
Tgt Ion: 62 Resp: 22694
 Ion Ratio Lower Upper
 62 100
 64 35.7 23.5 43.7



#18
 trans-1,2-Dichloroethene
 Concen: 0.253 ug/L
 RT: 3.362 min Scan# 629
 Delta R.T. 0.003 min
 Lab File: VU047560.D
 Acq: 15 Mar 2022 01:12

Tgt Ion: 96 Resp: 1497
 Ion Ratio Lower Upper
 96 100
 61 116.0 91.7 170.3
 98 44.7 45.1 83.7#





#22

cis-1,2-Dichloroethene

Concen: 1.521 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047560.D

Acq: 15 Mar 2022 01:12

Instrument :

MSVOA_U

ClientSampleId :

ETNK2

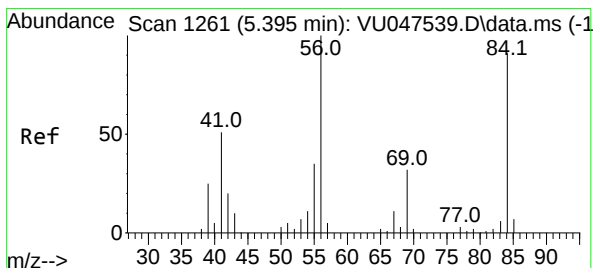
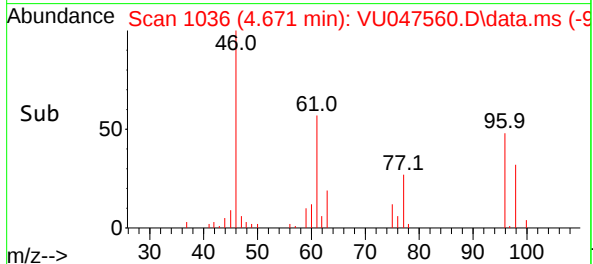
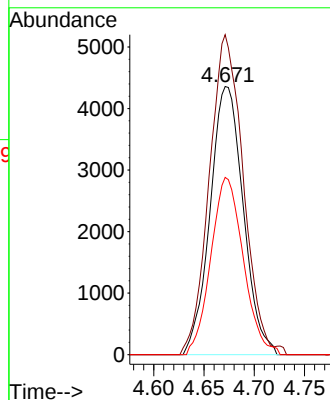
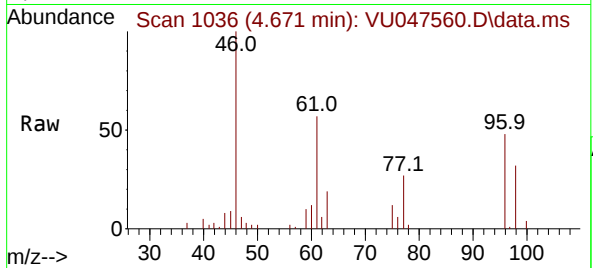
Tgt Ion: 96 Resp: 10000

Ion Ratio Lower Upper

96 100

61 119.3 83.9 155.7

98 66.1 46.4 86.2



#30

Cyclohexane

Concen: 8.260 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU047560.D

Acq: 15 Mar 2022 01:12

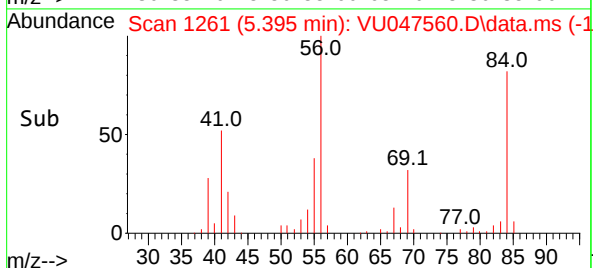
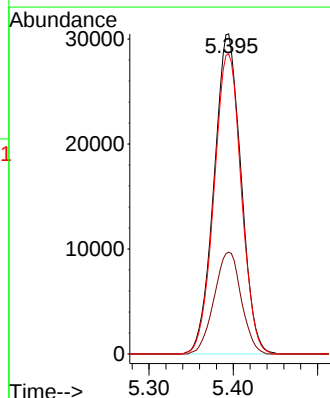
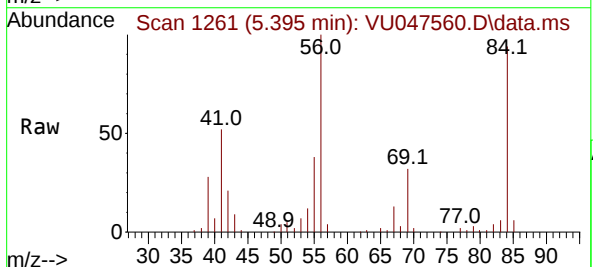
Tgt Ion: 56 Resp: 67606

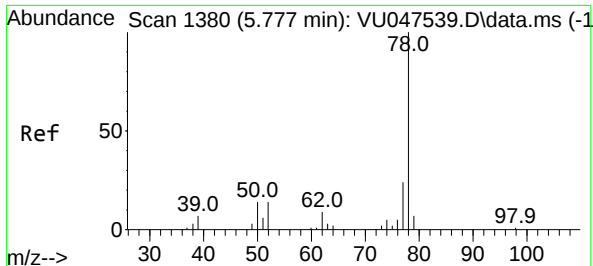
Ion Ratio Lower Upper

56 100

69 32.0 26.0 39.0

84 94.7 76.2 114.4





#33

Benzene

Concen: 35.195 ug/L

RT: 5.777 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047560.D

Acq: 15 Mar 2022 01:12

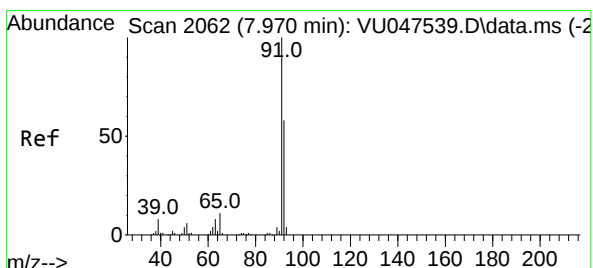
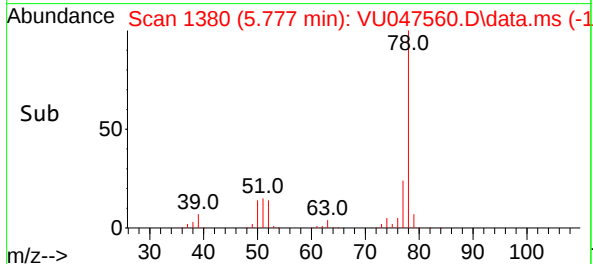
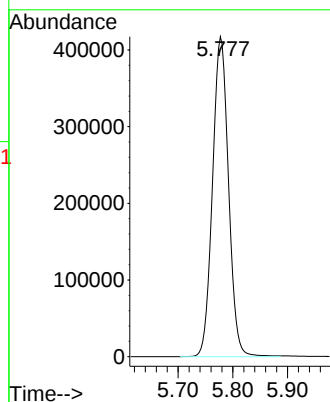
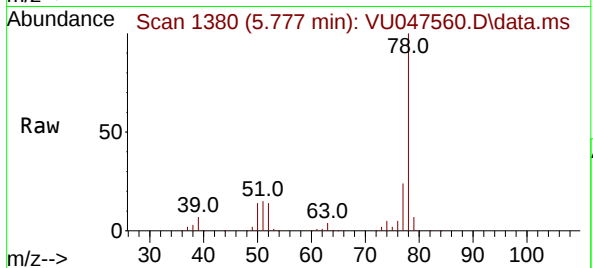
Instrument :

MSVOA_U

ClientSampleId :

ETNK2

Tgt Ion: 78 Resp: 847550



#42

Toluene

Concen: 0.270 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047560.D

Acq: 15 Mar 2022 01:12

Tgt Ion: 91 Resp: 7059

Ion Ratio Lower Upper

91 100

92 57.6 40.2 74.6

