

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031622\
 Data File : VU047590.D
 Acq On : 16 Mar 2022 15:08
 Operator : SY/MD
 Sample : N1858-16RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNK2RE

Quant Time: Mar 17 00:51:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 00:50:30 2022
 Response via : Initial Calibration

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

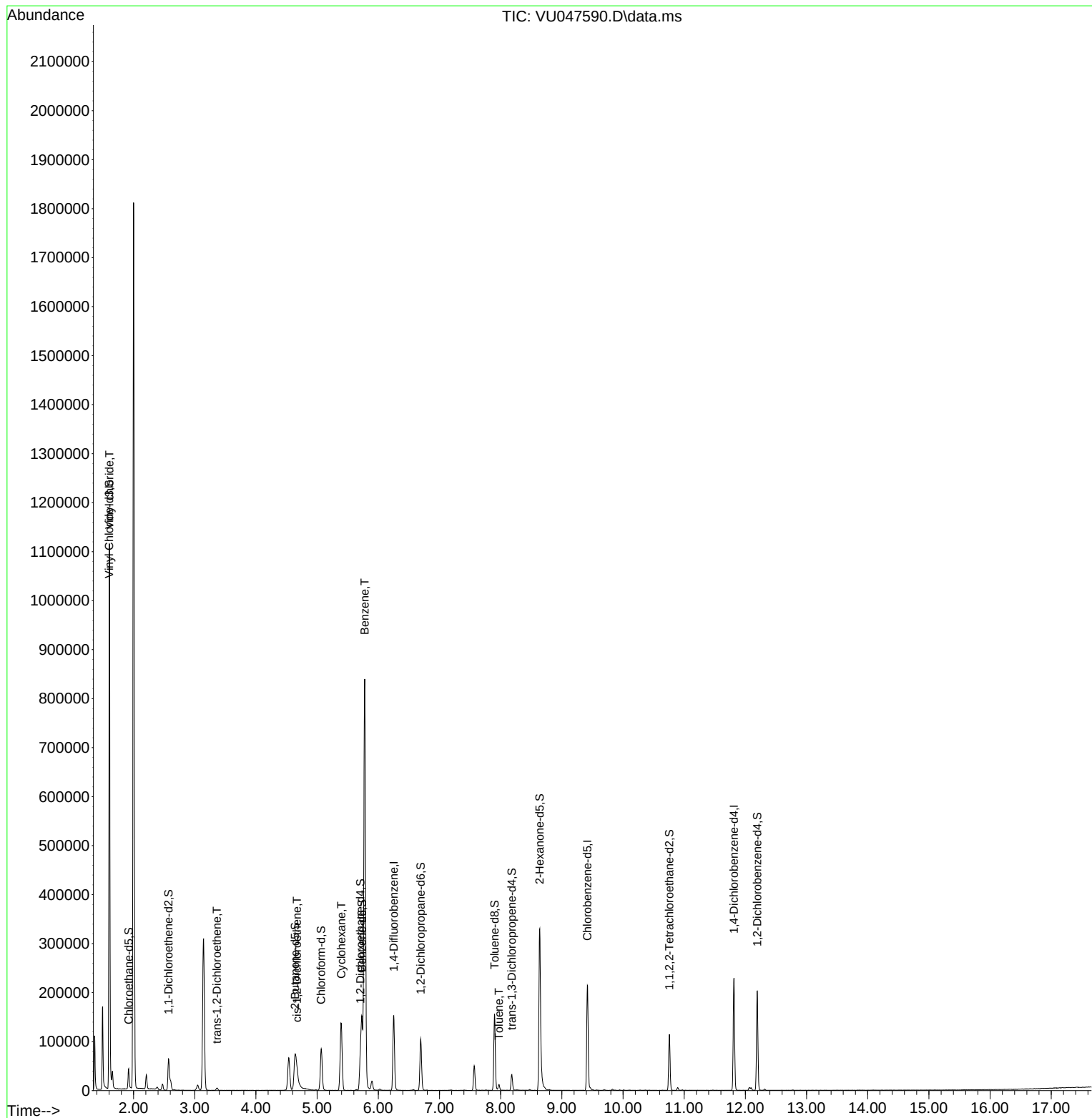
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	133743	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	128657	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	66062	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	27052	3.093	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.800%
7) Chloroethane-d5	1.919	69	31143	3.923	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.572	65	11671	2.845	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.000%#
20) 2-Butanone-d5	4.642	46	154730	61.481	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.960%
24) Chloroform-d	5.067	84	80245	4.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.707	65	47209	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.732	84	140587	3.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.000%
36) 1,2-Dichloropropane-d6	6.694	67	50650	4.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.899	98	109830	3.128	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.600%#
43) trans-1,3-Dichloroprop...	8.182	79	18952	3.827	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.639	63	130658	50.904	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.800%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	55675	4.734	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	57422	4.160	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
5) Vinyl chloride	1.607	62	21060	2.531	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	1292	0.180	ug/L	92
22) cis-1,2-Dichloroethene	4.671	96	7191	0.905	ug/L	99
30) Cyclohexane	5.395	56	65148	6.594	ug/L	99
33) Benzene	5.777	78	820966	28.242	ug/L	100
42) Toluene	7.973	91	9152	0.290	ug/L	98

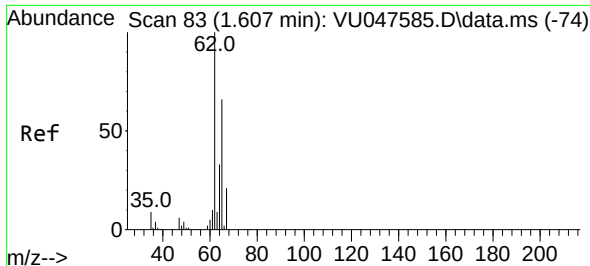
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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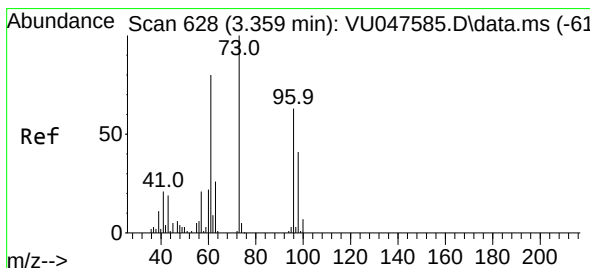
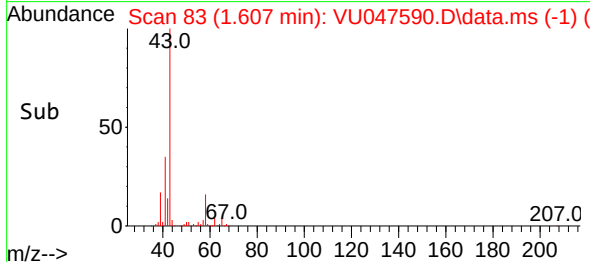
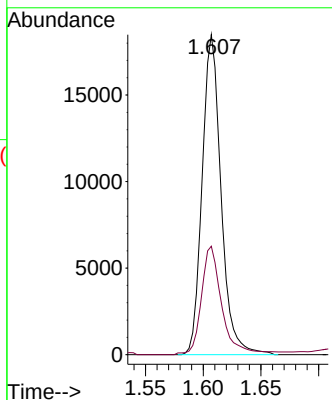
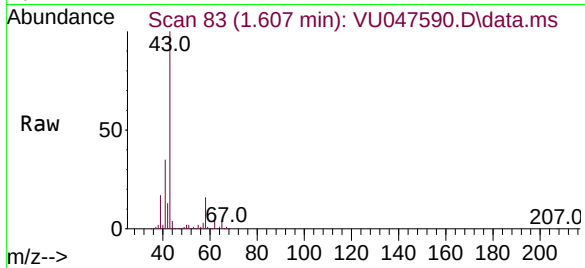




#5
 Vinyl chloride
 Concen: 2.531 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047590.D
 Acq: 16 Mar 2022 15:08

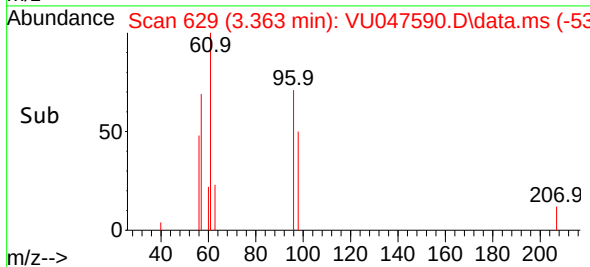
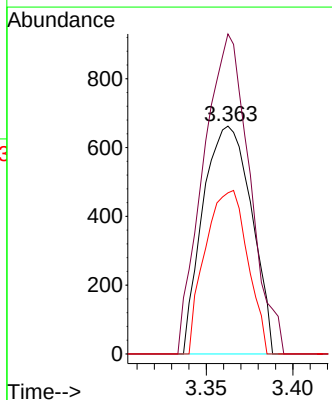
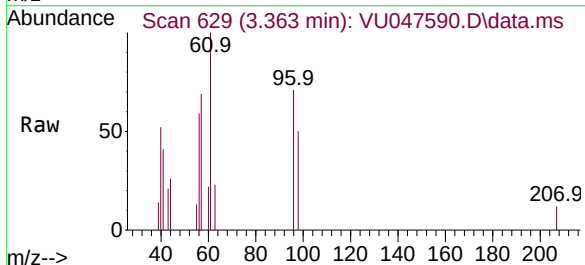
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNK2RE

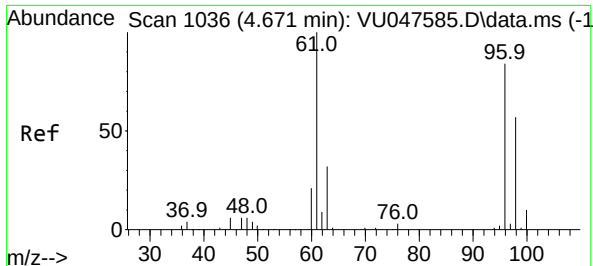
Tgt Ion: 62 Resp: 21060
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.5 43.7



#18
 trans-1,2-Dichloroethene
 Concen: 0.180 ug/L
 RT: 3.363 min Scan# 629
 Delta R.T. 0.003 min
 Lab File: VU047590.D
 Acq: 16 Mar 2022 15:08

Tgt Ion: 96 Resp: 1292
 Ion Ratio Lower Upper
 96 100
 61 140.5 91.7 170.3
 98 70.7 45.1 83.7





#22

cis-1,2-Dichloroethene

Concen: 0.905 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047590.D

Acq: 16 Mar 2022 15:08

Instrument :

MSVOA_U

ClientSampleId :

ETNK2RE

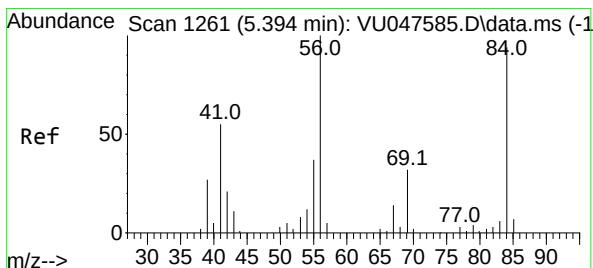
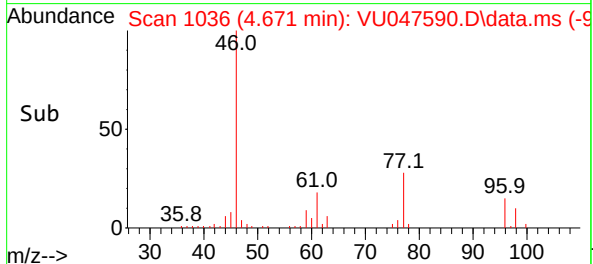
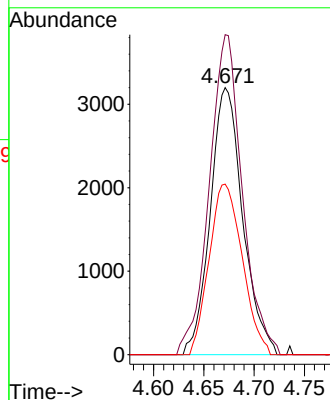
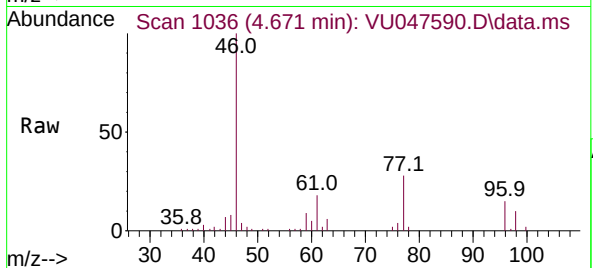
Tgt Ion: 96 Resp: 7191

Ion Ratio Lower Upper

96 100

61 119.8 83.9 155.7

98 63.9 46.4 86.2



#30

Cyclohexane

Concen: 6.594 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047590.D

Acq: 16 Mar 2022 15:08

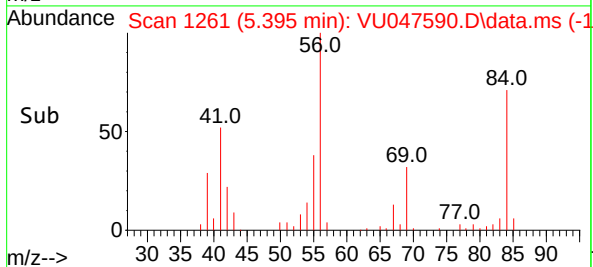
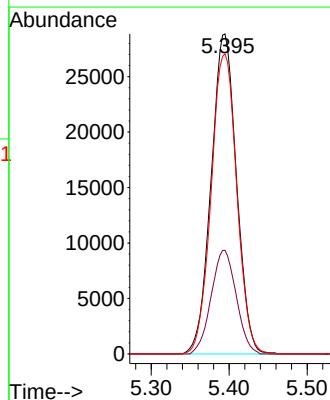
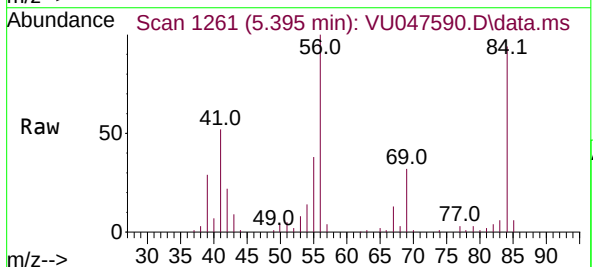
Tgt Ion: 56 Resp: 65148

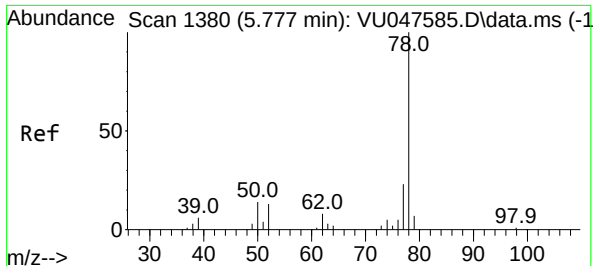
Ion Ratio Lower Upper

56 100

69 32.0 26.0 39.0

84 94.7 76.2 114.4

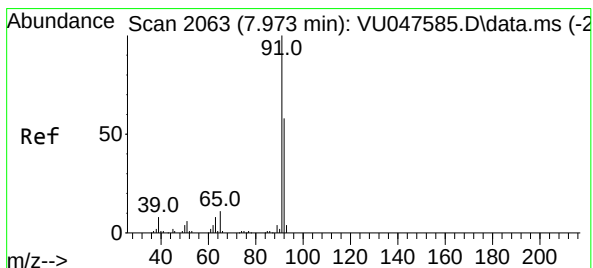
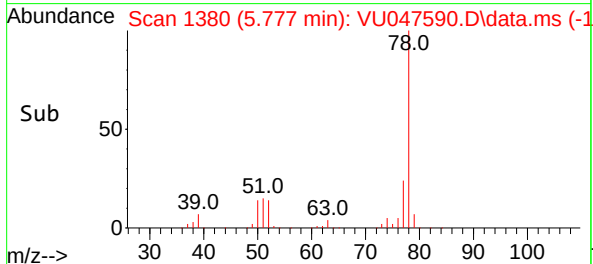
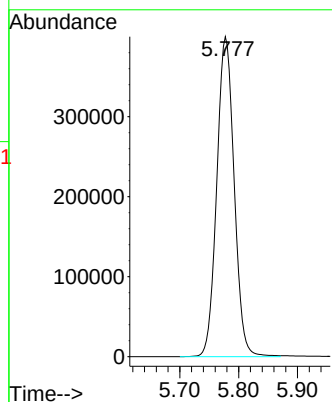
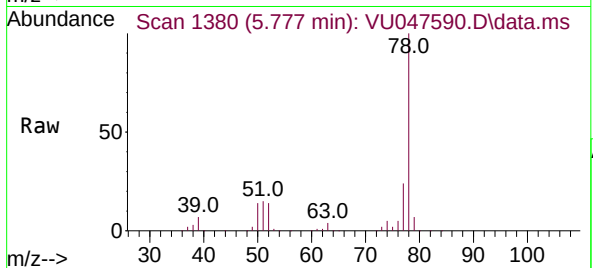




#33
Benzene
Concen: 28.242 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047590.D
Acq: 16 Mar 2022 15:08

Instrument :
MSVOA_U
ClientSampleId :
ETNK2RE

Tgt Ion: 78 Resp: 820966



#42
Toluene
Concen: 0.290 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU047590.D
Acq: 16 Mar 2022 15:08

Tgt Ion: 91 Resp: 9152
Ion Ratio Lower Upper
91 100
92 58.9 40.2 74.6

