

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047694.D
 Acq On : 25 Mar 2022 23:43
 Operator : SY/MD
 Sample : N2082-08MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Z2MSD

Quant Time: Mar 26 04:25:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 26 02:50:24 2022
 Response via : Initial Calibration

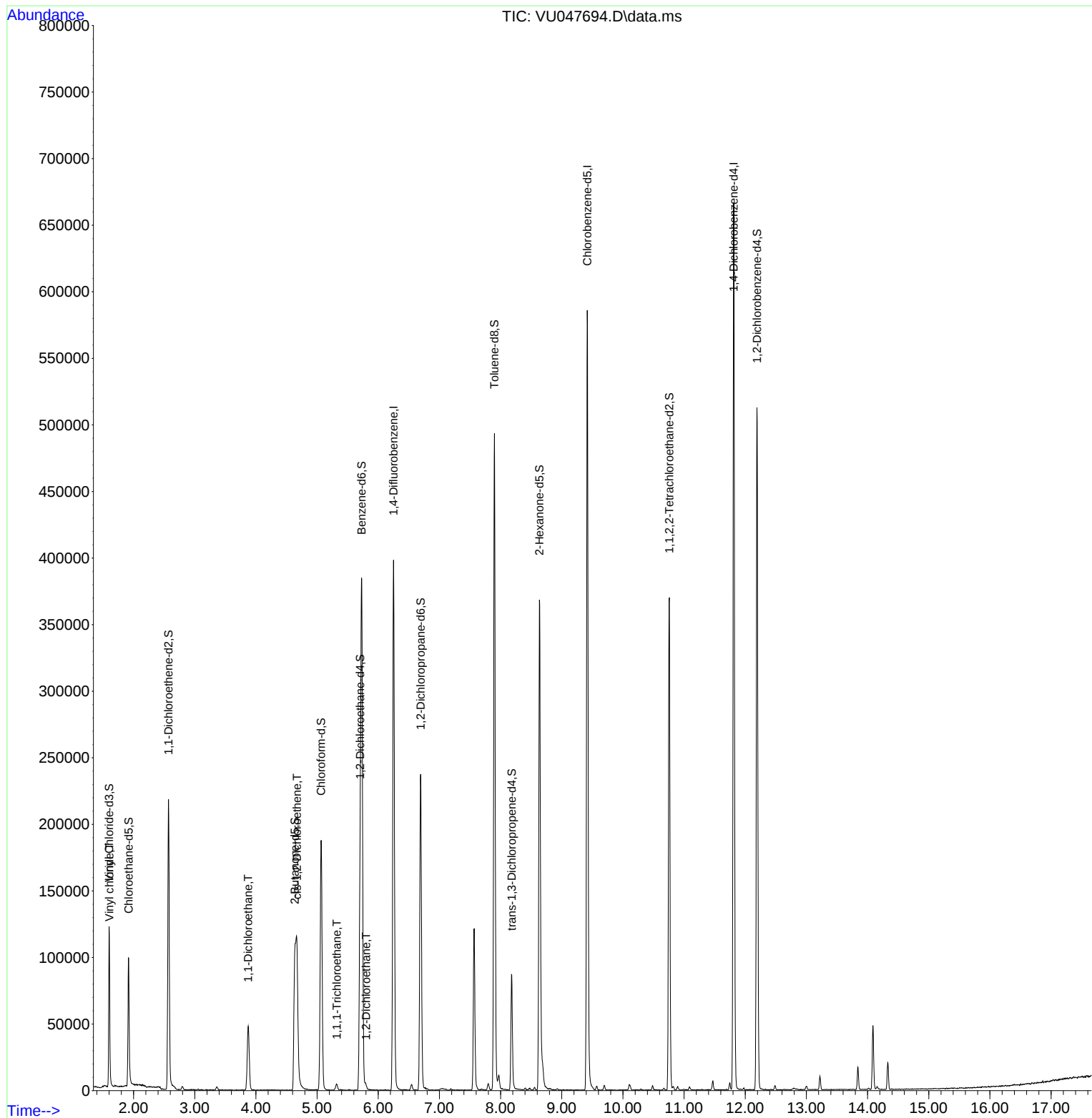
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	335535	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	342185	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	185079	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	86804	35.675	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.360%
7) Chloroethane-d5	1.919	69	74077	38.611	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.220%
11) 1,1-Dichloroethene-d2	2.571	63	126166	28.341	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.680%#
21) 2-Butanone-d5	4.636	46	184124	88.163	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.160%
24) Chloroform-d	5.067	84	174543	39.205	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.400%
26) 1,2-Dichloroethane-d4	5.703	65	113028	41.394	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.780%
32) Benzene-d6	5.729	84	358465	41.632	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.260%
36) 1,2-Dichloropropane-d6	6.693	67	114329	43.236	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.480%
41) Toluene-d8	7.899	98	330627	39.412	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.820%#
43) trans-1,3-Dichloroprop...	8.182	79	48351	36.092	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.180%
47) 2-Hexanone-d5	8.636	63	130542	84.330	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.330%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	181593	40.015	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.040%
66) 1,2-Dichlorobenzene-d4	12.192	152	139433	42.346	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.700%
Target Compounds						
5) Vinyl chloride	1.607	62	1178	0.388	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	53789	12.563	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	40103	14.735	ug/L	93
27) 1,2-Dichloroethane	5.800	62	2189	0.615	ug/L #	93
30) 1,1,1-Trichloroethane	5.321	97	3586	0.924	ug/L	93

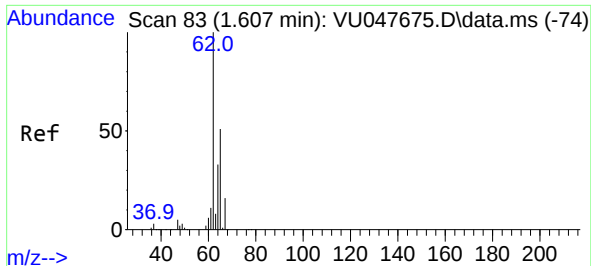
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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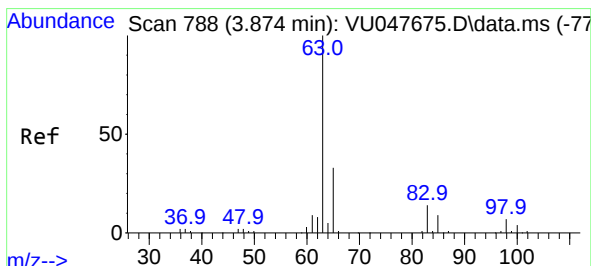
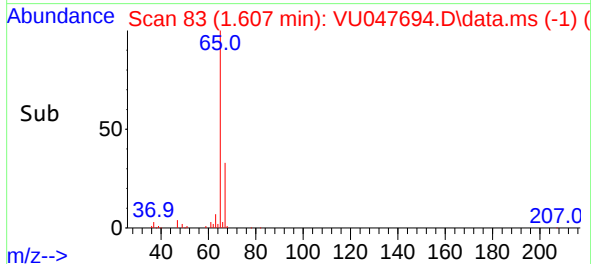
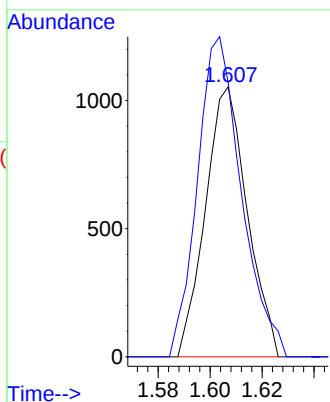
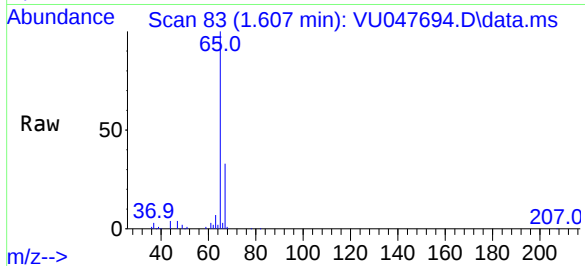




#5
 Vinyl chloride
 Concen: 0.388 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047694.D
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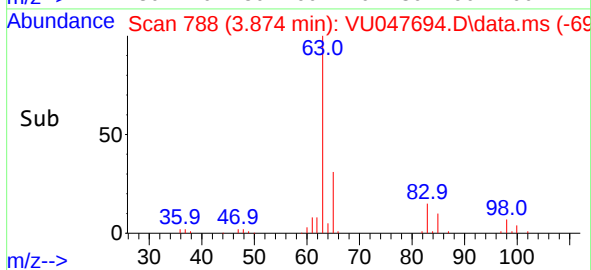
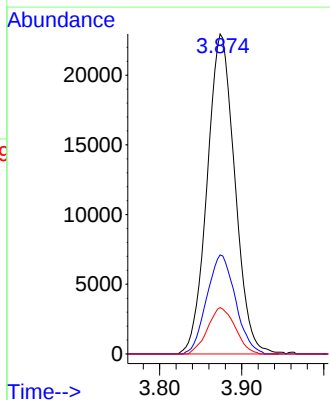
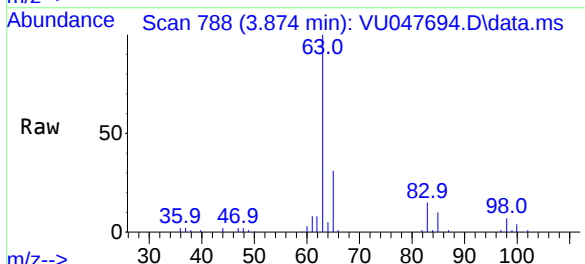
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 MSVOA_U
 ClientSampleId :
 EW5Z2MSD

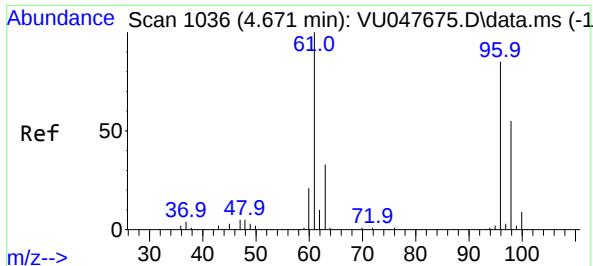
Tgt Ion: 62 Resp: 1178
 Ion Ratio Lower Upper
 62 100
 64 101.8 23.7 43.9#



#19
 1,1-Dichloroethane
 Concen: 12.563 ug/L
 RT: 3.874 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VU047694.D
 Acq: 25 Mar 2022 23:43

Tgt Ion: 63 Resp: 53789
 Ion Ratio Lower Upper
 63 100
 65 30.9 22.0 41.0
 83 14.5 9.7 18.1

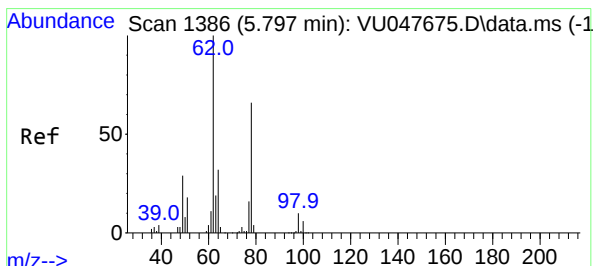
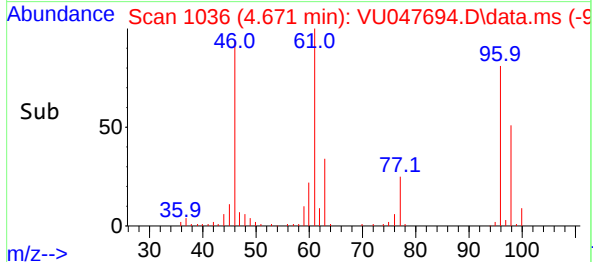
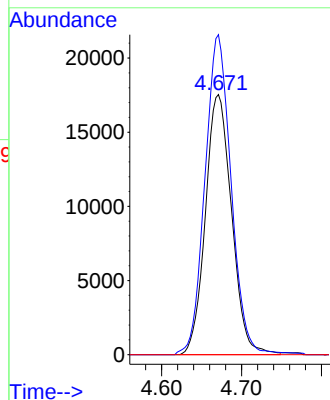
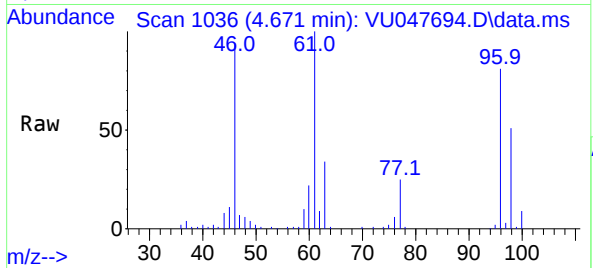




#20
 cis-1,2-Dichloroethene
 Concen: 14.735 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU047694.D
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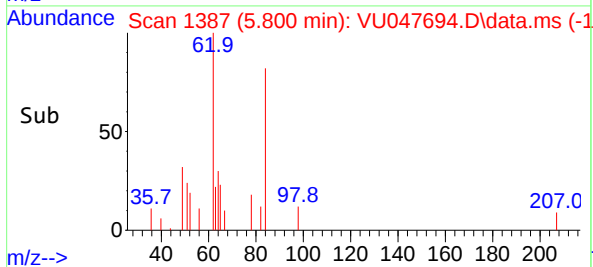
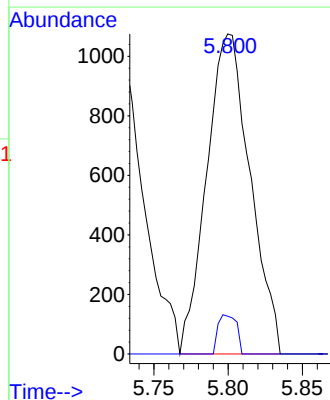
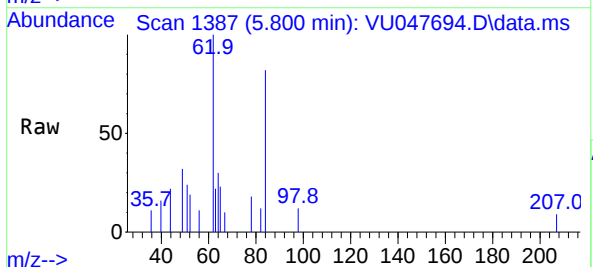
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 ClientSampleId :
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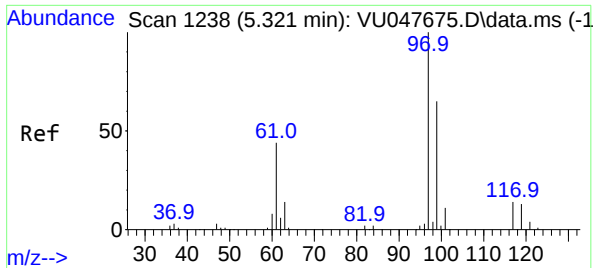
Tgt Ion: 96 Resp: 40103
 Ion Ratio Lower Upper
 96 100
 61 123.0 80.7 149.9
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.615 ug/L
 RT: 5.800 min Scan# 1387
 Delta R.T. 0.003 min
 Lab File: VU047694.D
 Acq: 25 Mar 2022 23:43

Tgt Ion: 62 Resp: 2189
 Ion Ratio Lower Upper
 62 100
 98 11.8 7.4 11.0#





1,1,1-Trichloroethane
Concen: 0.924 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047694.D
Acq: 25 Mar 2022 23:43

Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MSD

Tgt Ion: 97	Resp:	3586
Ion	Ratio	Lower Upper
97	100	
99	69.3	51.6 77.4
61	47.4	34.2 51.4

