

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
 Data File : VU047702.D
 Acq On : 26 Mar 2022 12:41
 Operator : SY/MD
 Sample : N2082-17DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW619DL

Quant Time: Mar 28 05:07:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 28 05:05:44 2022
 Response via : Initial Calibration

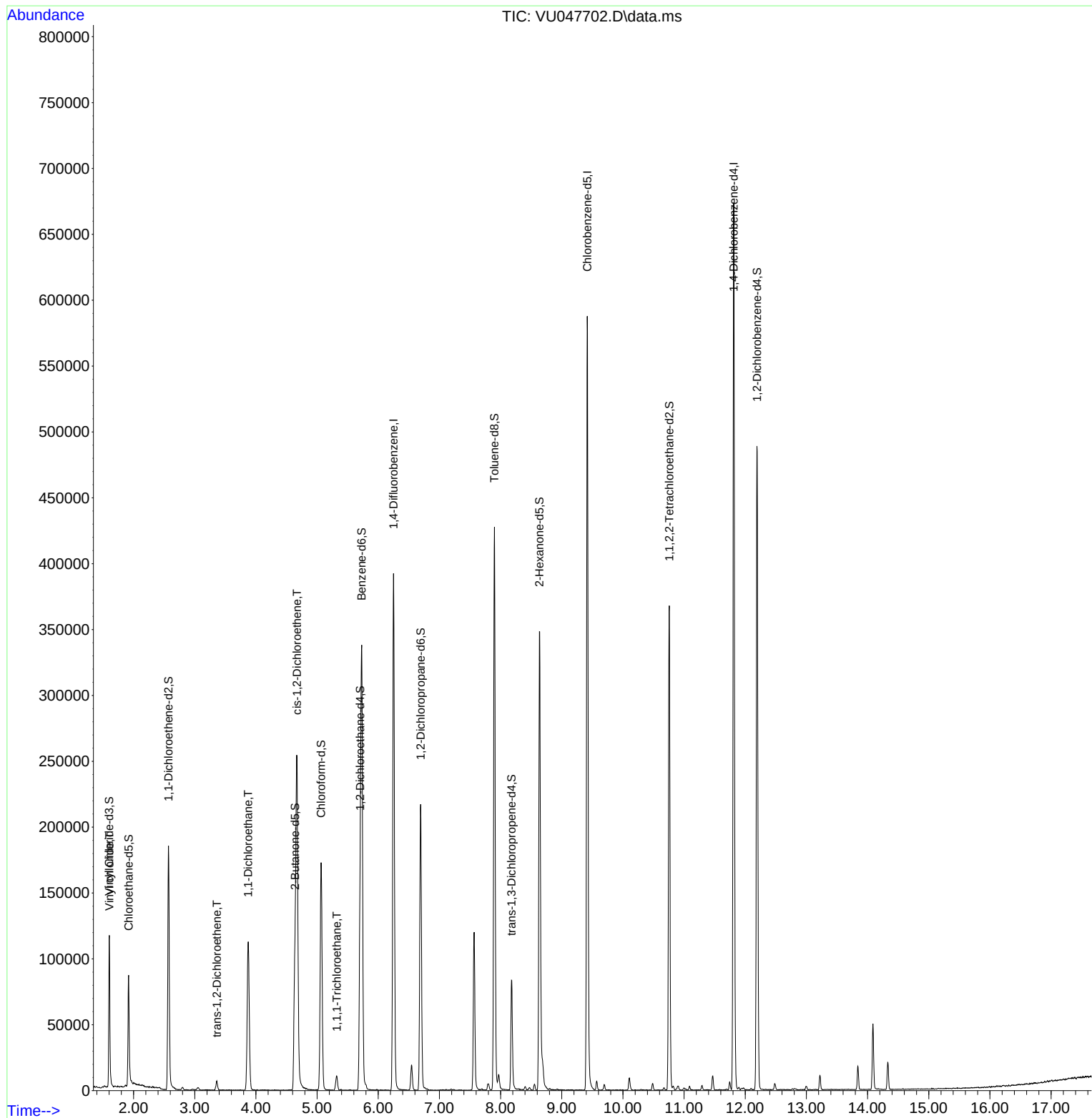
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	331451	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	342919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	185907	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	71634	29.803	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	59.600%#	
7) Chloroethane-d5	1.919	69	64835	34.210	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	68.420%#	
11) 1,1-Dichloroethene-d2	2.572	63	106944	24.319	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	48.640%#	
21) 2-Butanone-d5	4.639	46	173303	84.004	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	84.000%	
24) Chloroform-d	5.067	84	160950	36.597	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	73.200%	
26) 1,2-Dichloroethane-d4	5.703	65	103666	38.433	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	76.860%	
32) Benzene-d6	5.729	84	312836	36.255	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	72.500%	
36) 1,2-Dichloropropane-d6	6.694	67	104923	39.594	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	79.180%	
41) Toluene-d8	7.899	98	287813	34.235	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	68.460%#	
43) trans-1,3-Dichloroprop...	8.179	79	48603	36.202	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	72.400%	
47) 2-Hexanone-d5	8.636	63	127554	82.224	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	82.220%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	181622	39.936	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	79.880%	
66) 1,2-Dichlorobenzene-d4	12.192	152	132738	40.133	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	80.260%	
Target Compounds						
5) Vinyl chloride	1.607	62	17300	5.772	ug/L	92
17) trans-1,2-Dichloroethene	3.363	96	3050	1.244	ug/L	93
19) 1,1-Dichloroethane	3.874	63	129403	30.596	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	120182	44.702	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	7593	1.953	ug/L	96

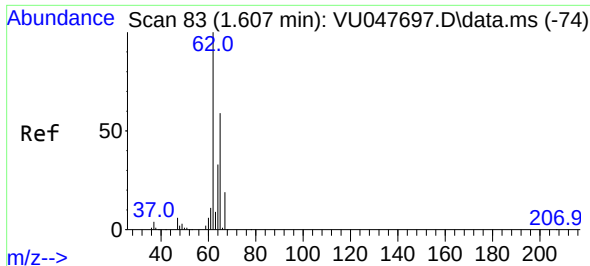
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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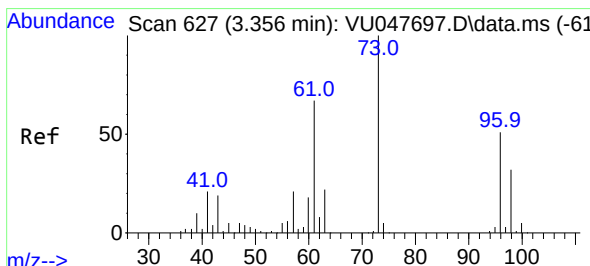
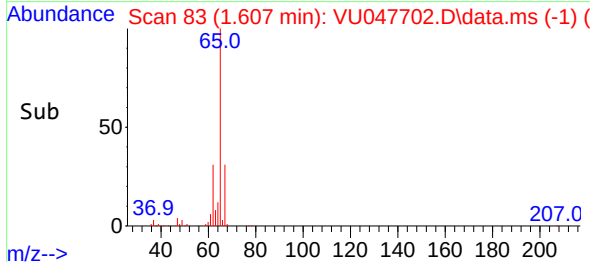
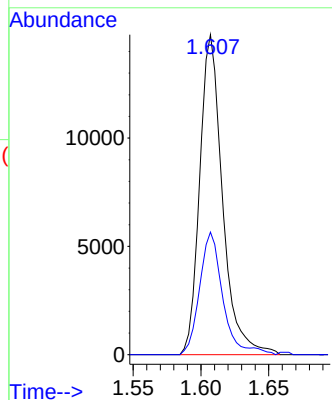
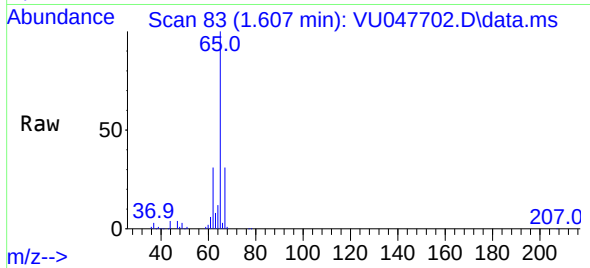




#5
 Vinyl chloride
 Concen: 5.772 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047702.D
 Acq: 26 Mar 2022 12:41

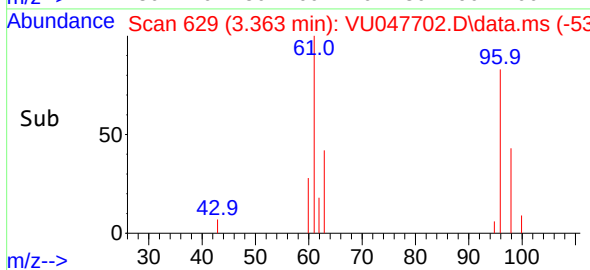
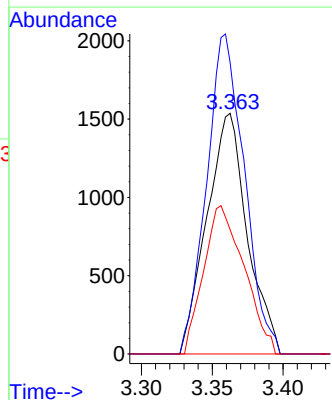
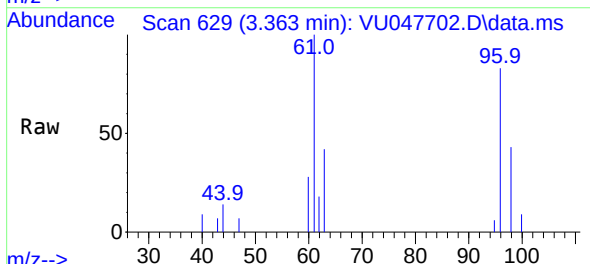
Instrument :
 MSVOA_U
 ClientSampleId :
 EW619DL

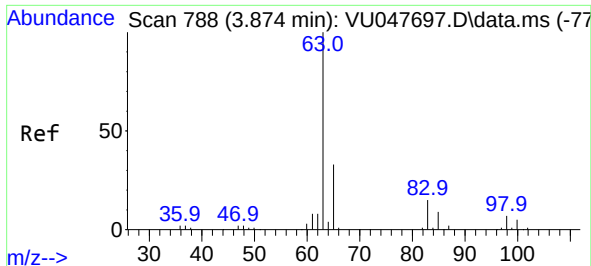
Tgt Ion: 62 Resp: 17300
 Ion Ratio Lower Upper
 62 100
 64 38.3 23.7 43.9



#17
 trans-1,2-Dichloroethene
 Concen: 1.244 ug/L
 RT: 3.363 min Scan# 629
 Delta R.T. 0.006 min
 Lab File: VU047702.D
 Acq: 26 Mar 2022 12:41

Tgt Ion: 96 Resp: 3050
 Ion Ratio Lower Upper
 96 100
 61 121.1 88.4 164.2
 98 51.7 43.3 80.5





#19

1,1-Dichloroethane

Concen: 30.596 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.000 min

Lab File: VU047702.D

Acq: 26 Mar 2022 12:41

Instrument :

MSVOA_U

ClientSampleId :

EW619DL

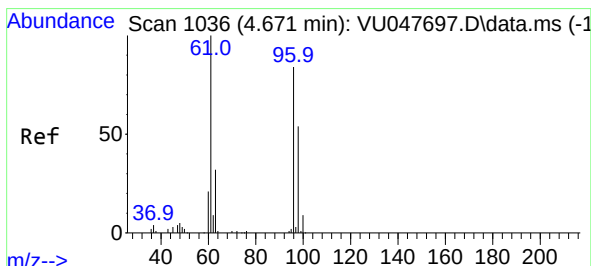
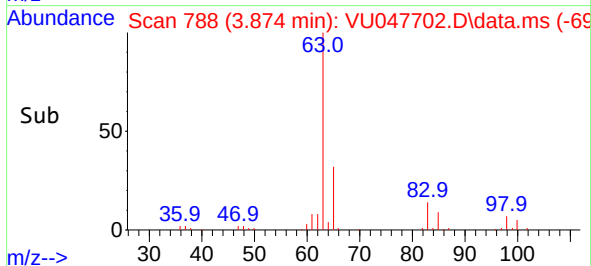
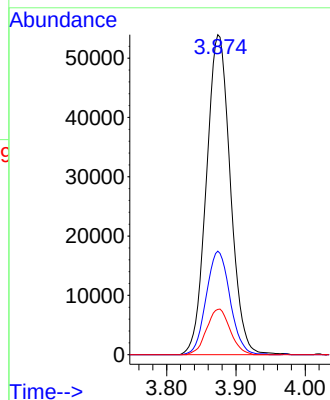
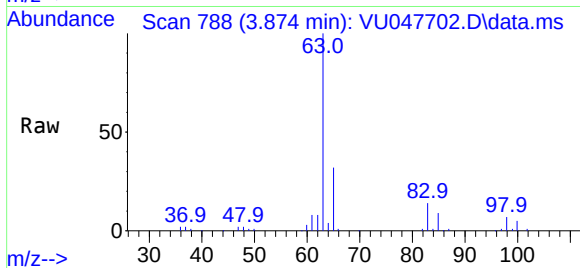
Tgt Ion: 63 Resp: 129403

Ion Ratio Lower Upper

63 100

65 32.4 22.0 41.0

83 14.2 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 44.702 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047702.D

Acq: 26 Mar 2022 12:41

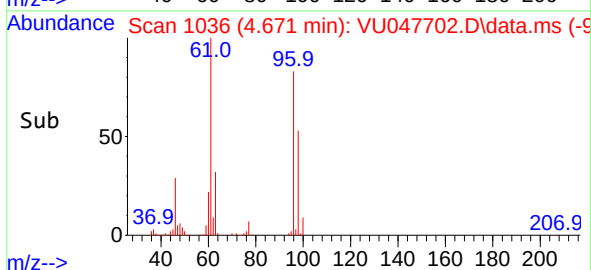
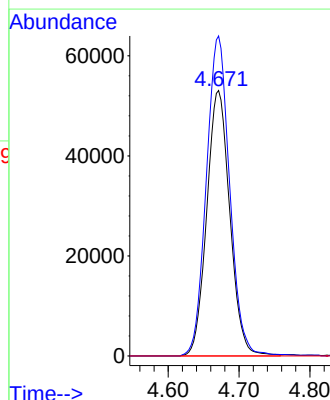
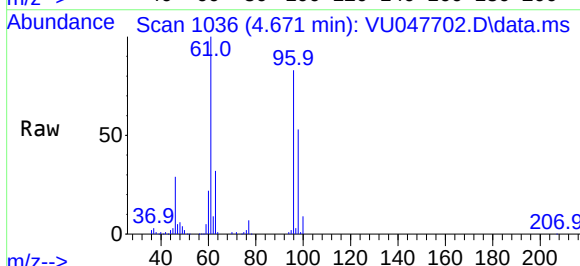
Tgt Ion: 96 Resp: 120182

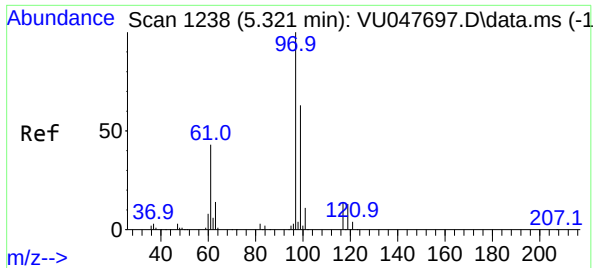
Ion Ratio Lower Upper

96 100

61 120.5 80.7 149.9

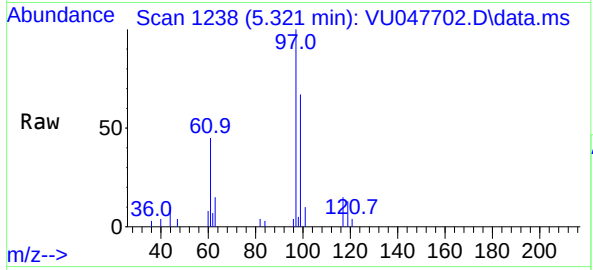
68 0.0 0.0 0.0





#30
 1,1,1-Trichloroethane
 Concen: 1.953 ug/L
 RT: 5.321 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU047702.D
 Acq: 26 Mar 2022 12:41

Instrument :
 MSVOA_U
 ClientSampleId :
 EW619DL



Tgt Ion: 97 Resp: 7593

Ion	Ratio	Lower	Upper
97	100		
99	67.7	51.6	77.4
61	45.3	34.2	51.4

