

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
 Data File : VU049963.D
 Acq On : 27 Jul 2022 22:16
 Operator : SY/MD
 Sample : N3870-21DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ18DL

Quant Time: Jul 28 03:50:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:41:29 2022
 Response via : Initial Calibration

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

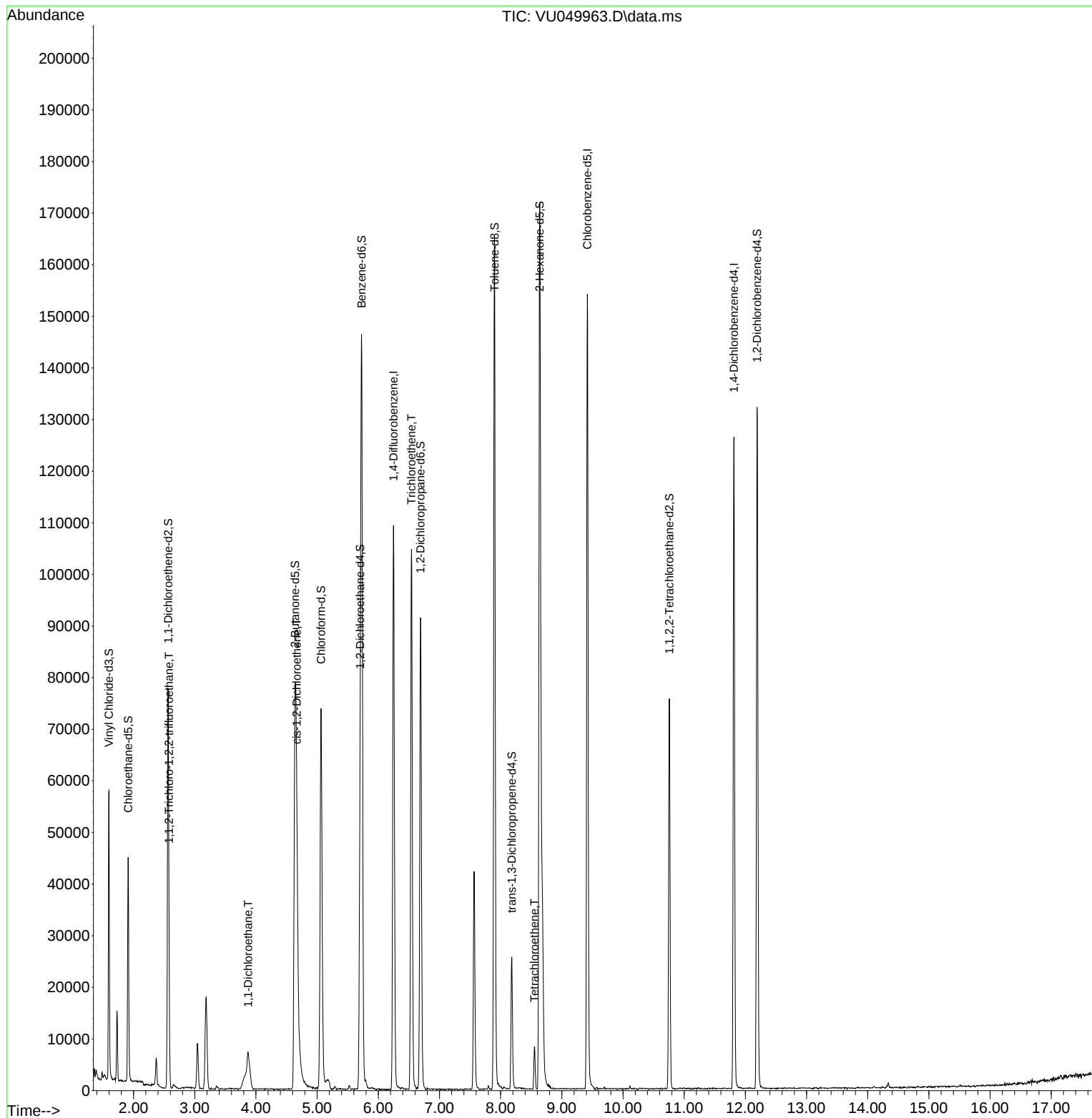
Internal Standards							
1) 1,4-Difluorobenzene		6.250	114	90735	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.417	117	90242	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.812	152	34916	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.594	65	40717	5.227	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.600%	
7) Chloroethane-d5		1.912	69	31937	5.707	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.200%	
11) 1,1-Dichloroethene-d2		2.565	65	14421	5.371	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.400%	
20) 2-Butanone-d5		4.639	46	103094	59.447	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.900%	
24) Chloroform-d		5.063	84	69429	5.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%	
26) 1,2-Dichloroethane-d4		5.703	65	36257	5.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.600%	
32) Benzene-d6		5.729	84	142866	5.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%	
36) 1,2-Dichloropropane-d6		6.690	67	47108	5.392	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.800%	
41) Toluene-d8		7.899	98	116398	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%	
43) trans-1,3-Dichloroprop...		8.182	79	15458	5.049	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%	
46) 2-Hexanone-d5		8.636	63	57114	49.830	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.660%	
56) 1,1,2,2-Tetrachloroeth...		10.758	84	40231	5.481	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%	
66) 1,2-Dichlorobenzene-d4		12.192	152	37578	5.802	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.000%	
Target Compounds							
						Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	1712	0.317	ug/L	#	87
19) 1,1-Dichloroethane	3.871	63	4485	0.397	ug/L		93
22) cis-1,2-Dichloroethene	4.668	96	9158	1.392	ug/L		95
34) Trichloroethene	6.542	95	37332	5.831	ug/L		98
47) Tetrachloroethene	8.552	164	1838	0.399	ug/L		94

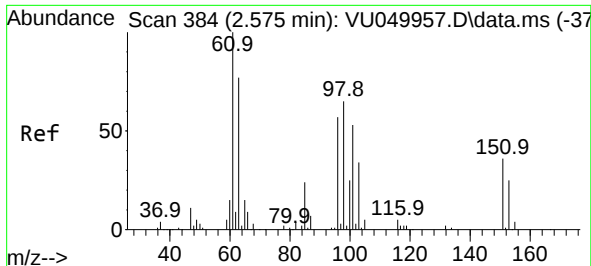
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
Data File : VU049963.D
Acq On : 27 Jul 2022 22:16
Operator : SY/MD
Sample : N3870-21DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBJ18DL

Quant Time: Jul 28 03:50:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jul 28 03:41:29 2022
Response via : Initial Calibration

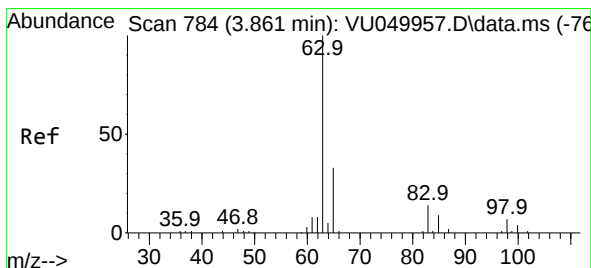
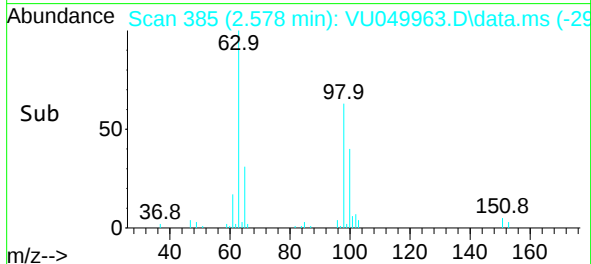
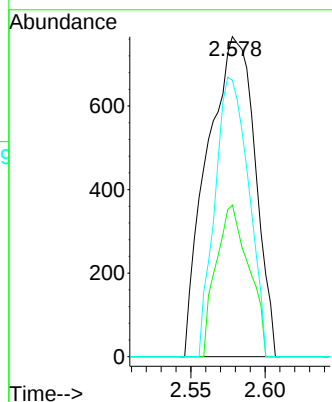
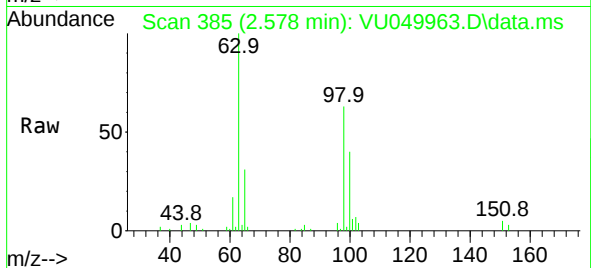




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.317 ug/L
 RT: 2.578 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU049963.D
 Acq: 27 Jul 2022 22:16

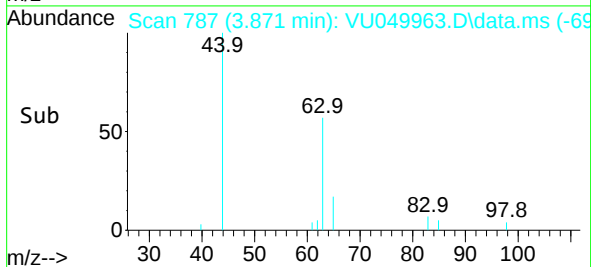
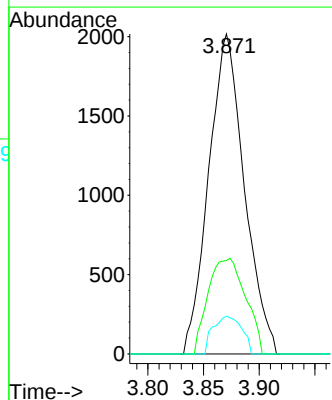
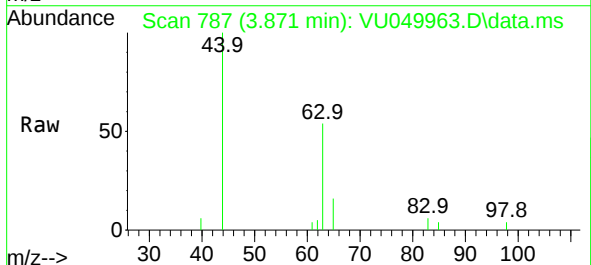
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ18DL

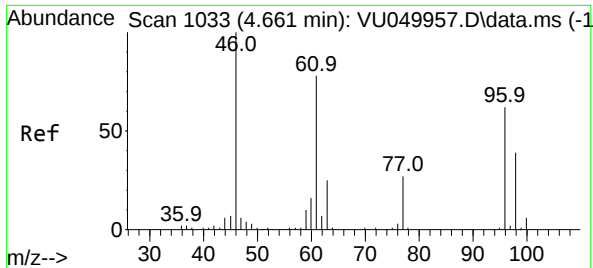
Tgt Ion:101 Resp: 1712
 Ion Ratio Lower Upper
 101 100
 85 32.5 34.1 51.1#
 151 61.6 56.6 85.0



#19
 1,1-Dichloroethane
 Concen: 0.397 ug/L
 RT: 3.871 min Scan# 787
 Delta R.T. 0.010 min
 Lab File: VU049963.D
 Acq: 27 Jul 2022 22:16

Tgt Ion: 63 Resp: 4485
 Ion Ratio Lower Upper
 63 100
 65 29.2 23.4 43.6
 83 11.8 9.4 17.4





#22

cis-1,2-Dichloroethene

Concen: 1.392 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VU049963.D

Acq: 27 Jul 2022 22:16

Instrument :

MSVOA_U

ClientSampleId :

GBJ18DL

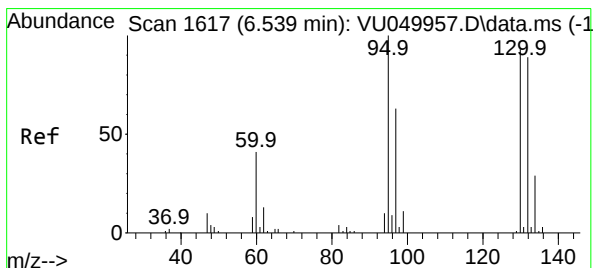
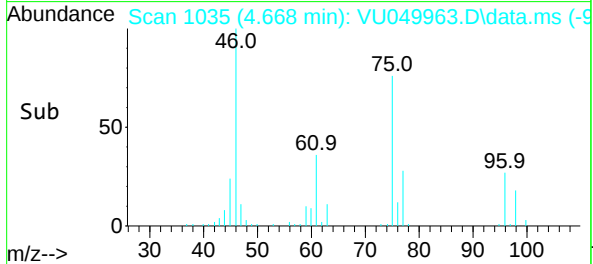
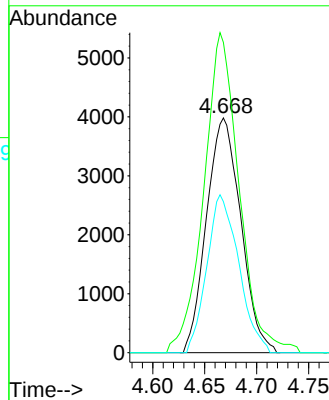
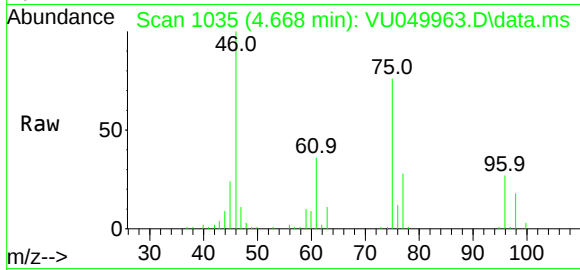
Tgt Ion: 96 Resp: 9158

Ion Ratio Lower Upper

96 100

61 132.2 87.2 161.9

98 64.3 44.7 83.1



#34

Trichloroethene

Concen: 5.831 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU049963.D

Acq: 27 Jul 2022 22:16

Tgt Ion: 95 Resp: 37332

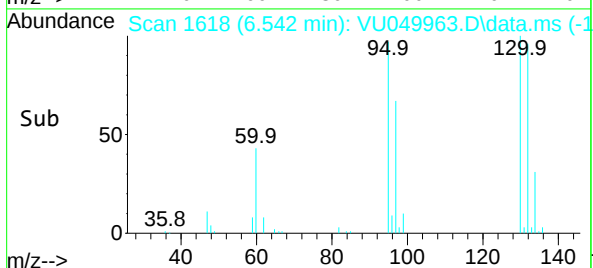
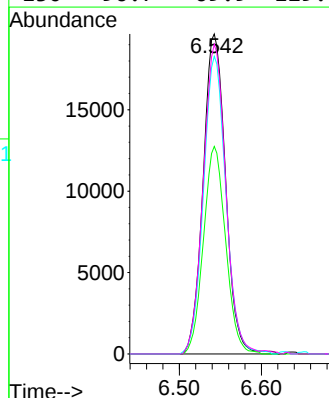
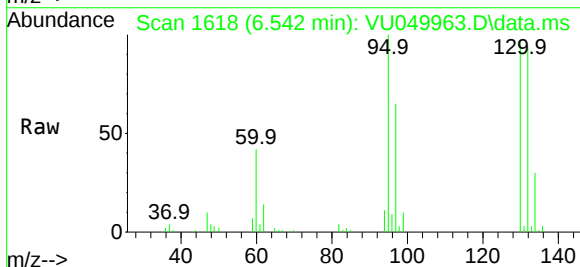
Ion Ratio Lower Upper

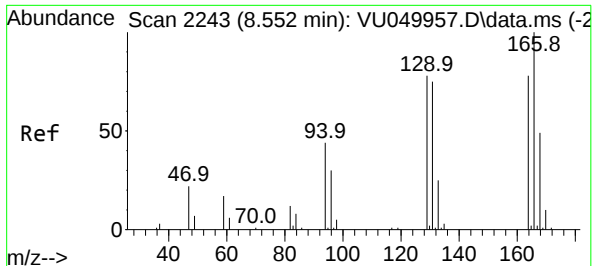
95 100

97 64.9 45.6 84.8

132 93.0 66.8 124.2

130 96.7 69.9 129.7





#47

Tetrachloroethene

Concen: 0.399 ug/L

RT: 8.552 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049963.D

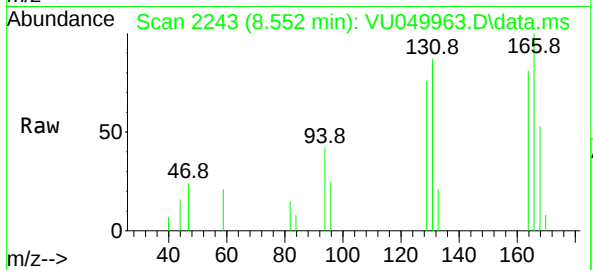
Acq: 27 Jul 2022 22:16

Instrument :

MSVOA_U

ClientSampleId :

GBJ18DL



Tgt Ion:164 Resp: 1838

Ion Ratio Lower Upper

164 100

129 93.8 66.3 123.1

131 106.9 63.1 117.1

166 123.0 84.6 157.0

