

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049915.D
 Acq On : 26 Jul 2022 16:21
 Operator : SY/MD
 Sample : N3870-14DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ13DL

Quant Time: Jul 27 03:57:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 27 03:55:15 2022
 Response via : Initial Calibration

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

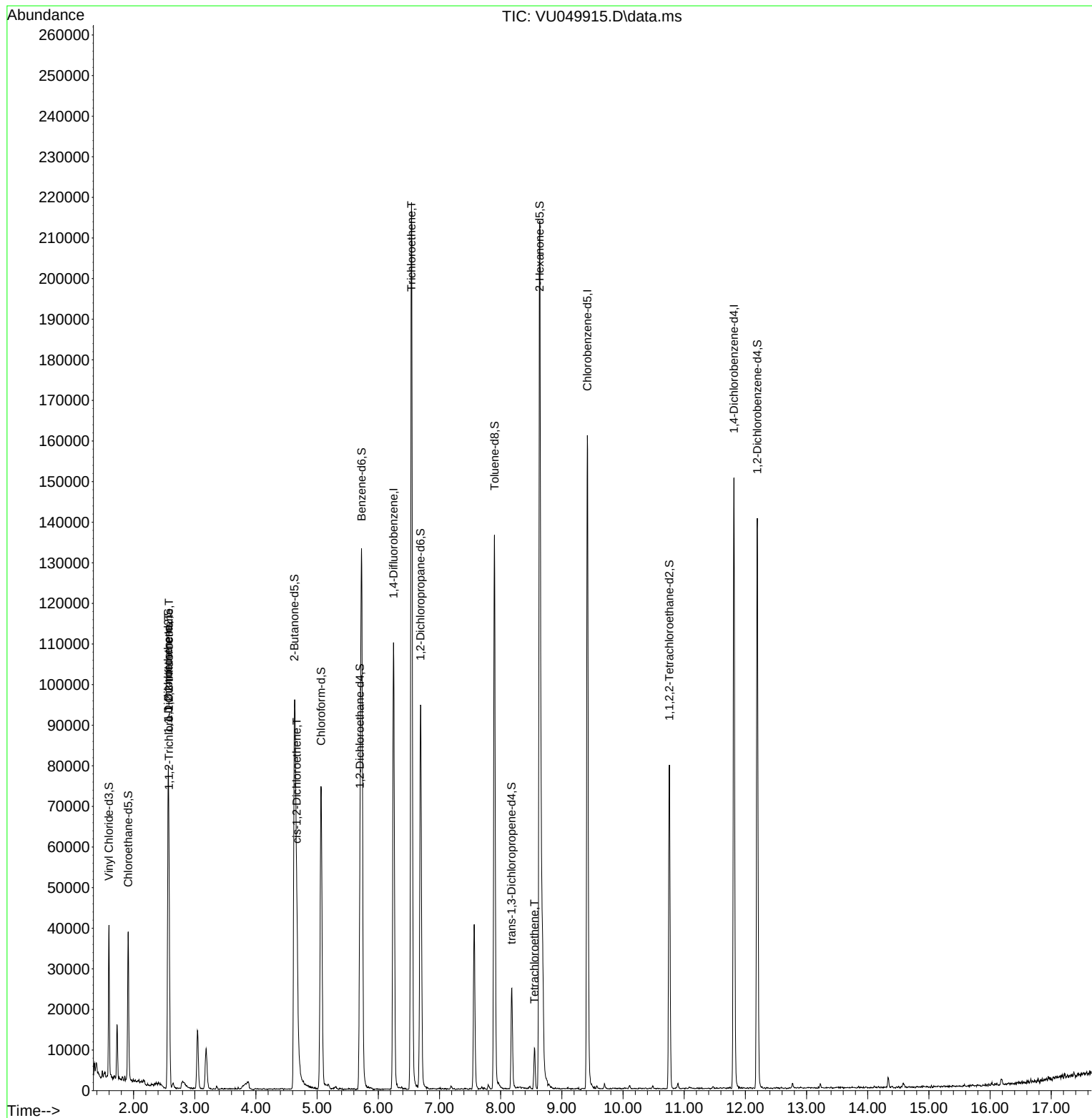
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	86362	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	86357	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	38944	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	25846	3.697	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.000%	
7) Chloroethane-d5	1.912	69	25282	4.321	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.400%	
11) 1,1-Dichloroethene-d2	2.565	65	11753	3.766	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.400%	
20) 2-Butanone-d5	4.629	46	131306	52.195	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.380%	
24) Chloroform-d	5.066	84	68617	4.406	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
26) 1,2-Dichloroethane-d4	5.700	65	40375	4.422	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.400%	
32) Benzene-d6	5.729	84	116710	3.966	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.400%	
36) 1,2-Dichloropropane-d6	6.690	67	44797	4.406	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.200%	
41) Toluene-d8	7.899	98	91198	3.546	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.000%	
43) trans-1,3-Dichloroprop...	8.179	79	15075	4.084	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.600%	
46) 2-Hexanone-d5	8.635	63	64722	44.252	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.500%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41710	4.886	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	36173	4.500	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.000%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	12924	2.292	ug/L	97
12) 1,1-Dichloroethene	2.568	96	773	0.135	ug/L	# 1
22) cis-1,2-Dichloroethene	4.668	96	11130	1.457	ug/L	99
34) Trichloroethene	6.542	95	75182	9.895	ug/L	97
47) Tetrachloroethene	8.552	164	2107	0.403	ug/L	80

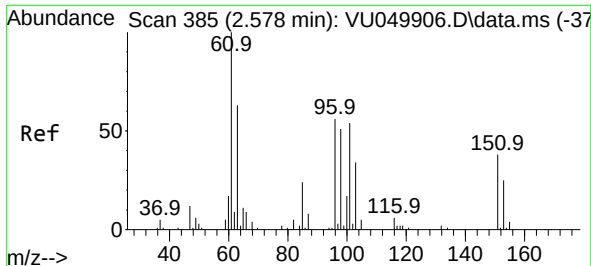
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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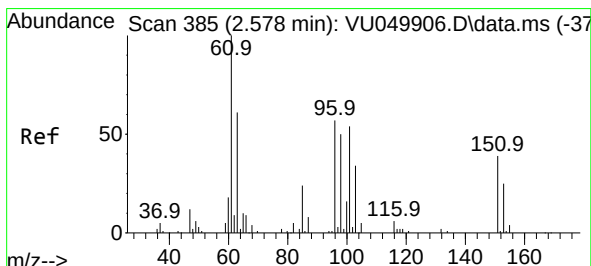
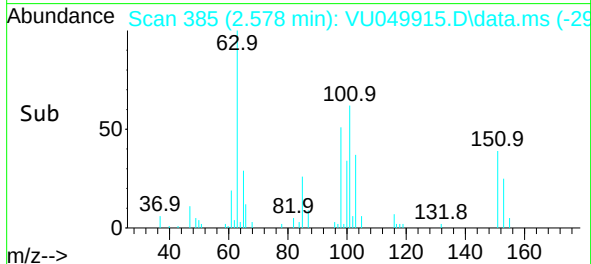
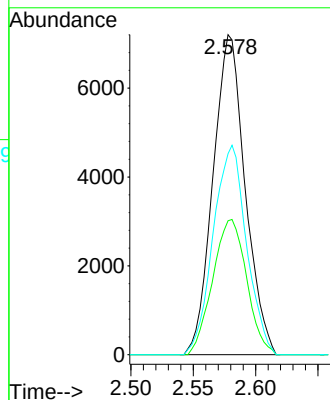
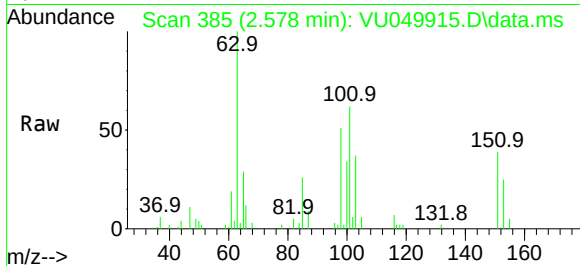




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.292 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU049915.D
 Acq: 26 Jul 2022 16:21

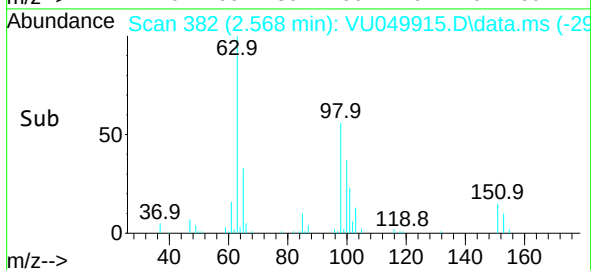
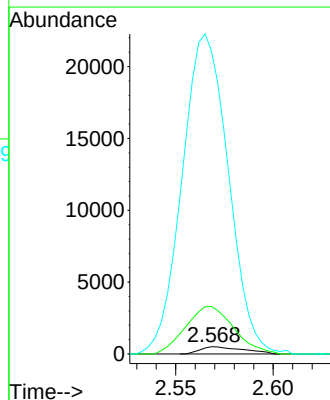
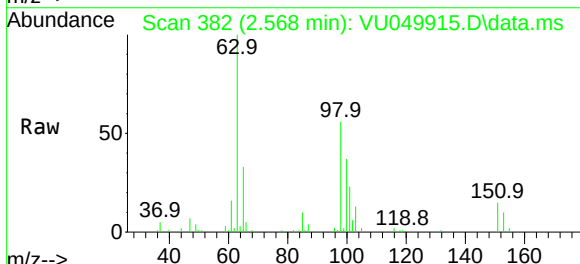
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ13DL

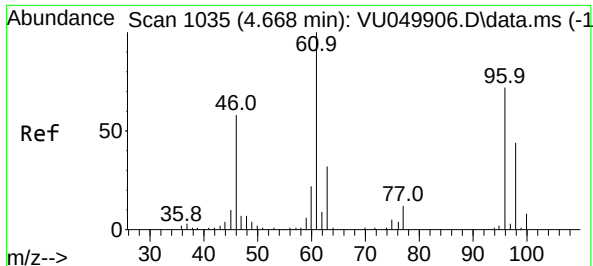
Tgt Ion:101 Resp: 12924
 Ion Ratio Lower Upper
 101 100
 85 44.6 37.2 55.8
 151 67.9 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 0.135 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU049915.D
 Acq: 26 Jul 2022 16:21

Tgt Ion: 96 Resp: 773
 Ion Ratio Lower Upper
 96 100
 61 652.8 131.6 244.4#
 63 4181.8 100.0 185.6#





#22

cis-1,2-Dichloroethene

Concen: 1.457 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU049915.D

Acq: 26 Jul 2022 16:21

Instrument :

MSVOA_U

ClientSampleId :

GBJ13DL

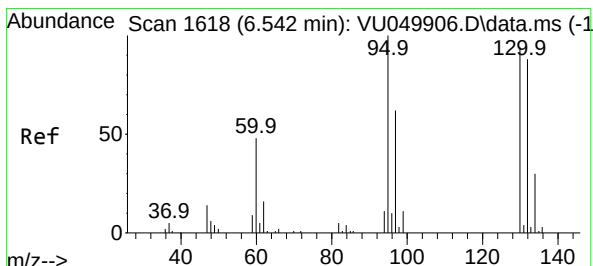
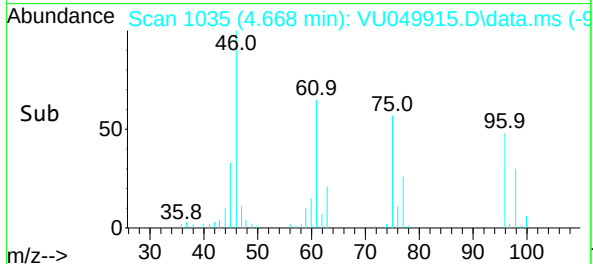
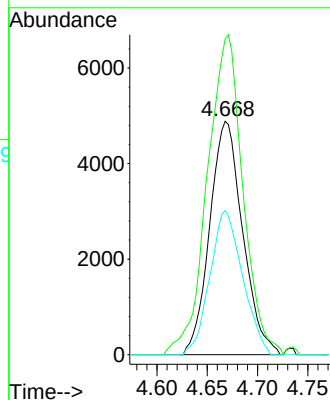
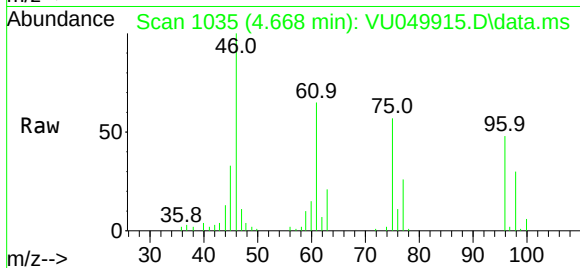
Tgt Ion: 96 Resp: 11130

Ion Ratio Lower Upper

96 100

61 135.2 93.9 174.3

98 61.7 43.9 81.5



#34

Trichloroethene

Concen: 9.895 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU049915.D

Acq: 26 Jul 2022 16:21

Tgt Ion: 95 Resp: 75182

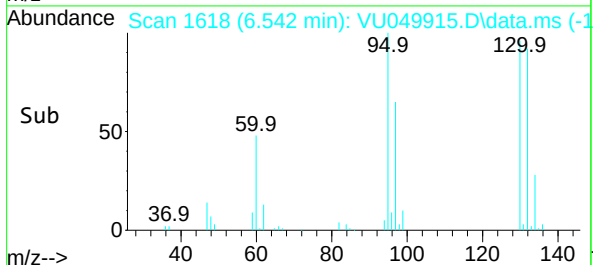
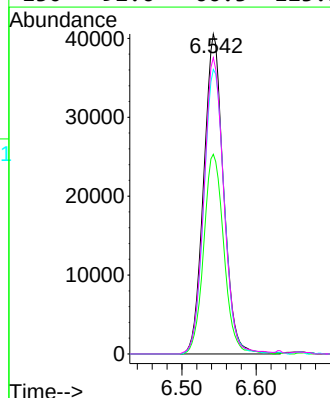
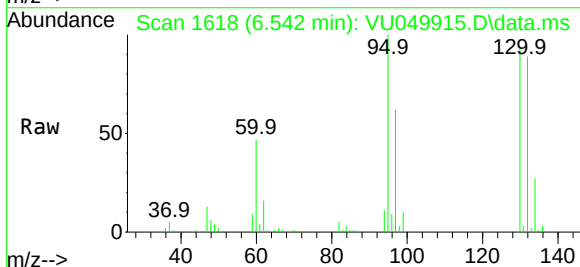
Ion Ratio Lower Upper

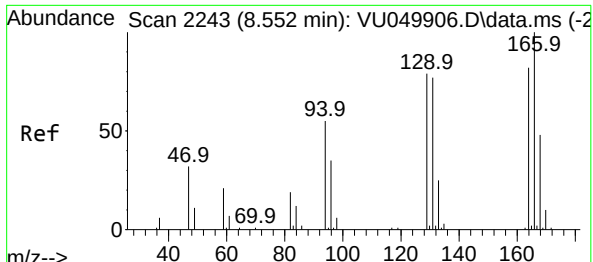
95 100

97 62.4 46.8 86.8

132 88.9 61.8 114.8

130 92.6 66.3 123.1





#47
 Tetrachloroethene
 Concen: 0.403 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU049915.D
 Acq: 26 Jul 2022 16:21

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ13DL

Tgt Ion:	164	Resp:	2107
Ion	Ratio	Lower	Upper
164	100		
129	124.6	68.9	127.9
131	84.3	67.5	125.4
166	104.4	89.2	165.8

