

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049909.D
 Acq On : 26 Jul 2022 12:57
 Operator : SY/MD
 Sample : N3870-02DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ01DL

Quant Time: Jul 27 03:56:29 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)

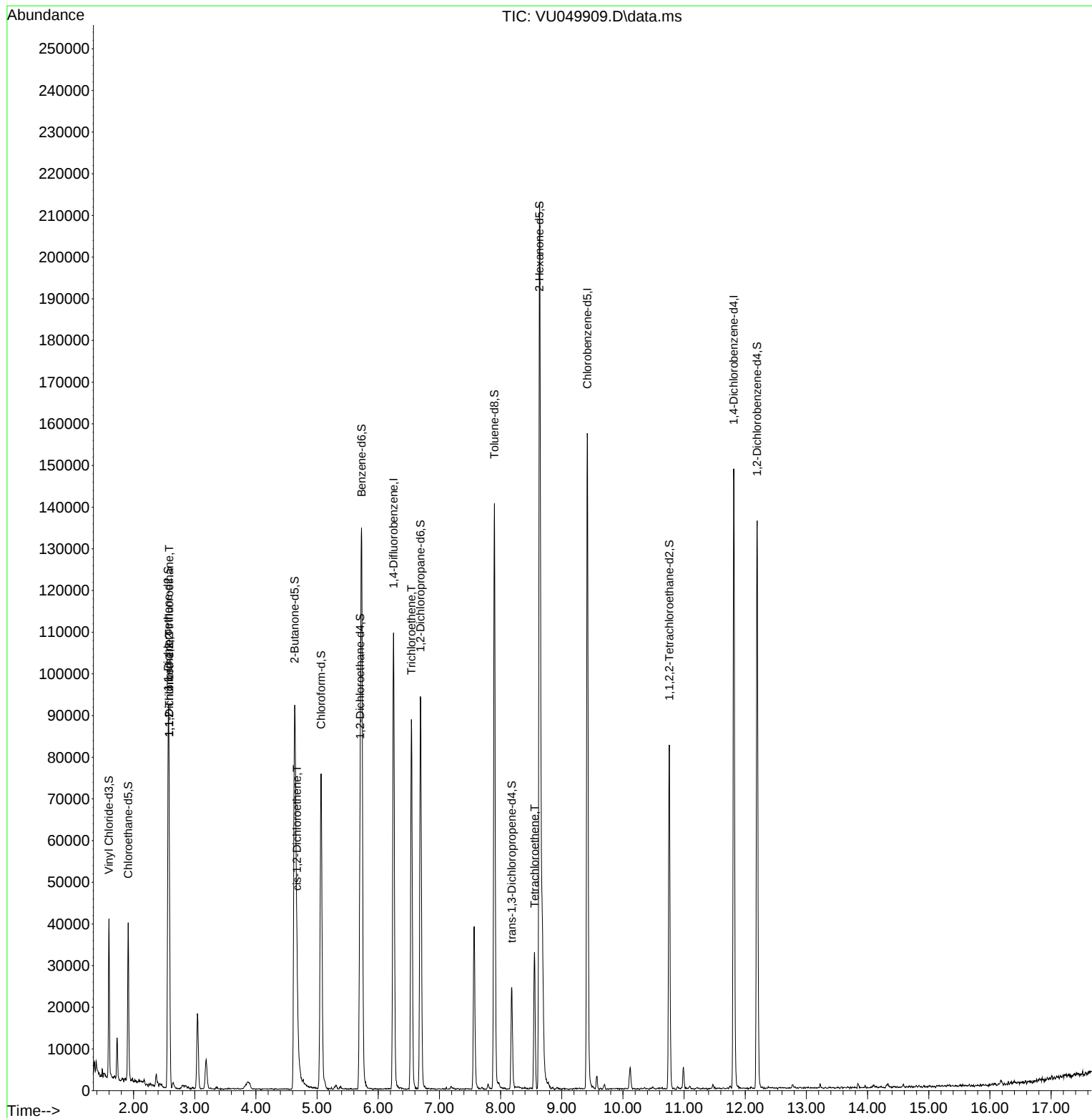
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	84537	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	87294	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	37480	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	25935	3.790	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.800%	
7) Chloroethane-d5	1.912	69	24537	4.284	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.600%	
11) 1,1-Dichloroethene-d2	2.565	65	11459	3.751	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.000%	
20) 2-Butanone-d5	4.632	46	130038	52.807	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.620%	
24) Chloroform-d	5.067	84	68833	4.516	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
26) 1,2-Dichloroethane-d4	5.703	65	40804	4.565	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	
32) Benzene-d6	5.729	84	118270	3.976	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.600%	
36) 1,2-Dichloropropane-d6	6.690	67	44746	4.354	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.000%	
41) Toluene-d8	7.899	98	91781	3.530	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.600%	
43) trans-1,3-Dichloroprop...	8.182	79	14870	3.985	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.800%	
46) 2-Hexanone-d5	8.636	63	63925	43.238	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.480%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39664	4.596	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	34565	4.468	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.400%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	20065	3.635	ug/L	99
12) 1,1-Dichloroethene	2.581	96	1076	0.193	ug/L	# 1
22) cis-1,2-Dichloroethene	4.671	96	6137	0.821	ug/L	99
34) Trichloroethene	6.542	95	30186	3.930	ug/L	98
47) Tetrachloroethene	8.555	164	7005	1.325	ug/L	92

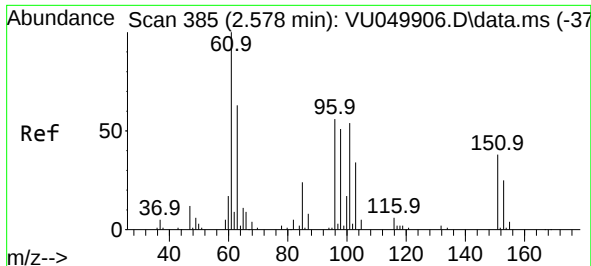
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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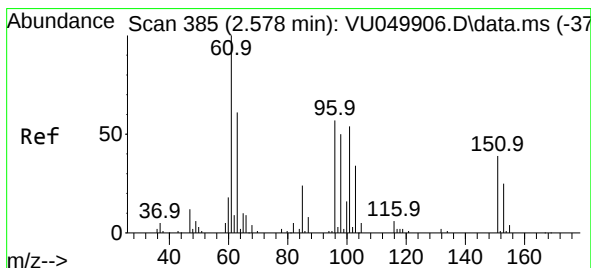
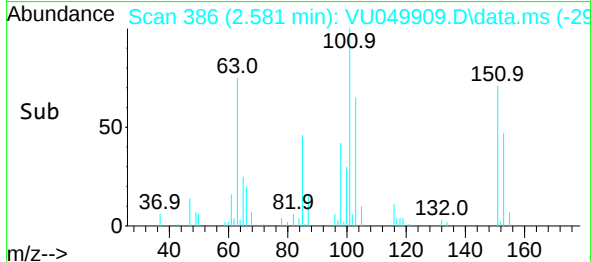
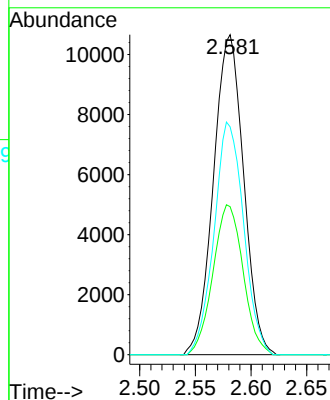
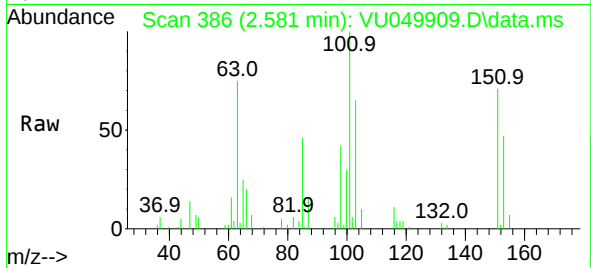




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.635 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU049909.D
 Acq: 26 Jul 2022 12:57

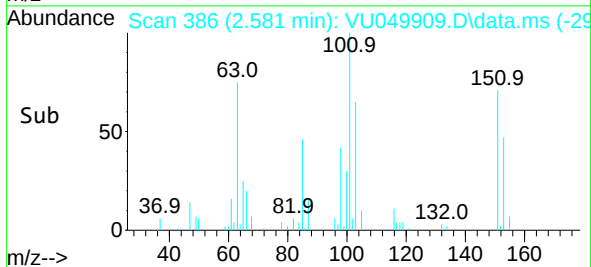
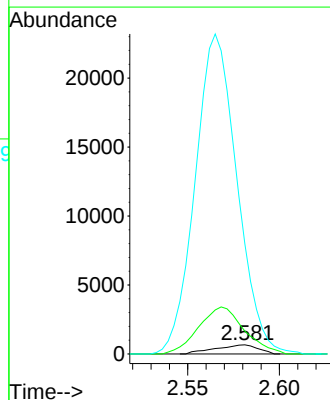
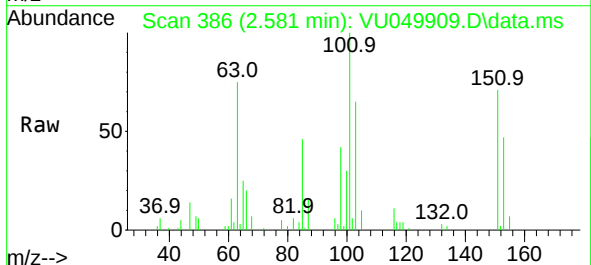
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ01DL

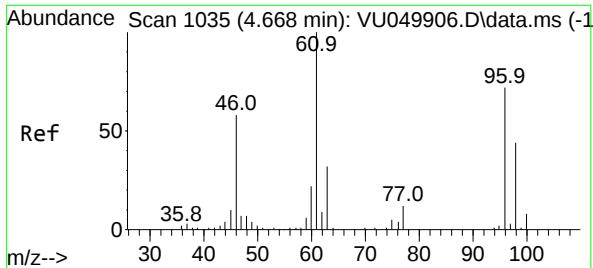
Tgt Ion:101 Resp: 20065
 Ion Ratio Lower Upper
 101 100
 85 46.8 37.2 55.8
 151 71.3 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 0.193 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU049909.D
 Acq: 26 Jul 2022 12:57

Tgt Ion: 96 Resp: 1076
 Ion Ratio Lower Upper
 96 100
 61 249.7 131.6 244.4#
 63 1203.9 100.0 185.6#

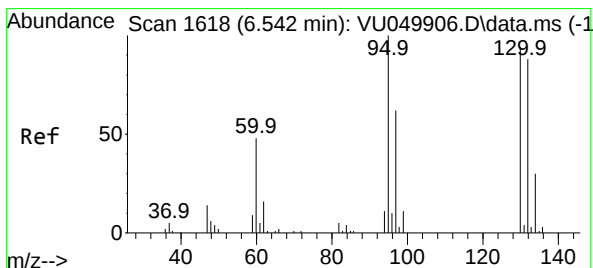
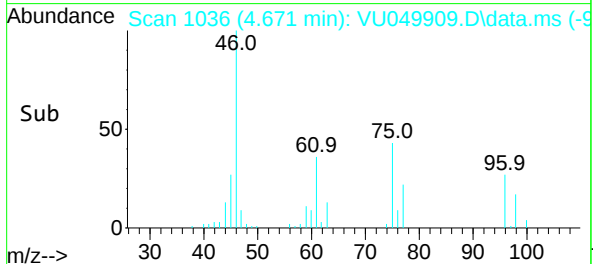
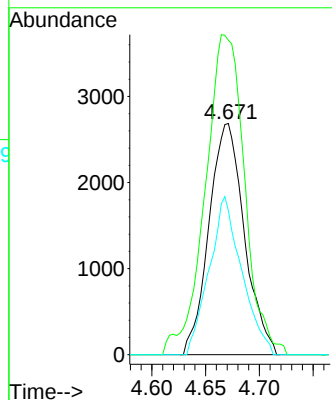
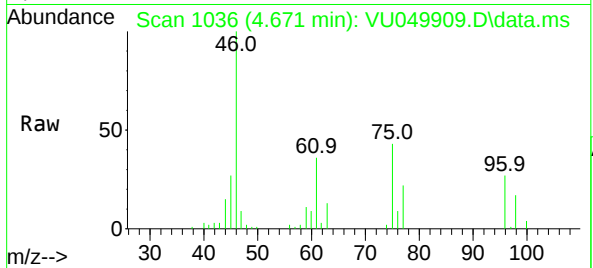




#22
cis-1,2-Dichloroethene
Concen: 0.821 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU049909.D
Acq: 26 Jul 2022 12:57

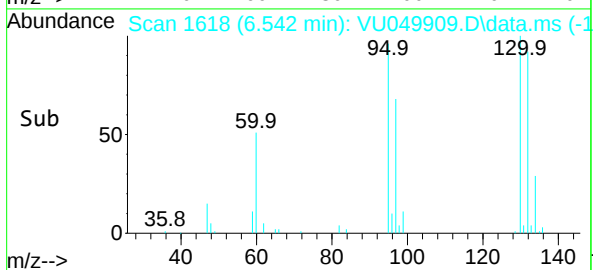
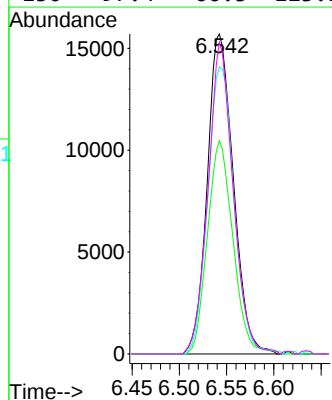
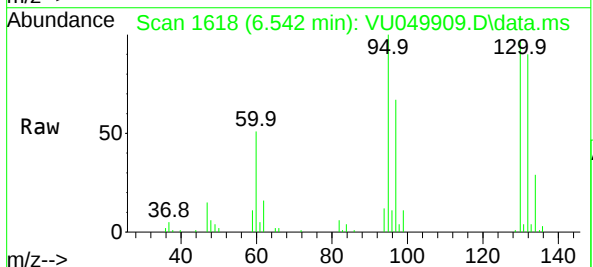
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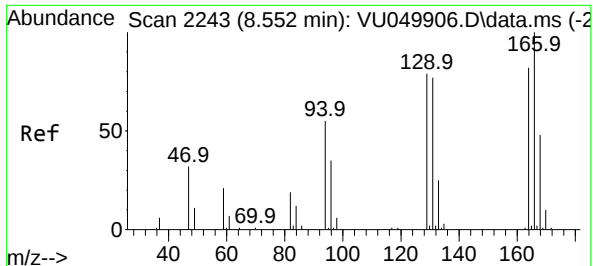
Tgt Ion: 96 Resp: 6137
Ion Ratio Lower Upper
96 100
61 136.0 93.9 174.3
98 62.3 43.9 81.5



#34
Trichloroethene
Concen: 3.930 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049909.D
Acq: 26 Jul 2022 12:57

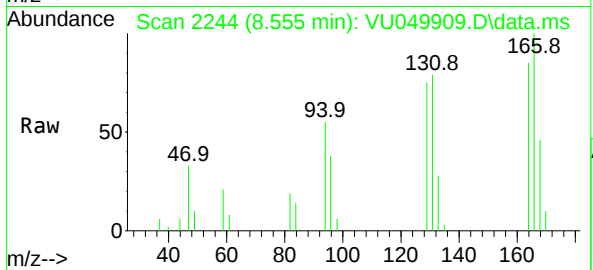
Tgt Ion: 95 Resp: 30186
Ion Ratio Lower Upper
95 100
97 66.6 46.8 86.8
132 89.8 61.8 114.8
130 97.4 66.3 123.1





#47
Tetrachloroethene
Concen: 1.325 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049909.D
Acq: 26 Jul 2022 12:57

Instrument :
MSVOA_U
ClientSampleId :
GBJ01DL



Tgt Ion:	164	Resp:	7005
Ion	Ratio	Lower	Upper
164	100		
129	87.7	68.9	127.9
131	93.6	67.5	125.4
166	117.7	89.2	165.8

