

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045862.D
 Acq On : 18 Nov 2021 12:43
 Operator : SY/MD
 Sample : M4686-17DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG213DL

Quant Time: Nov 19 00:52:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 00:50:55 2021
 Response via : Initial Calibration

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

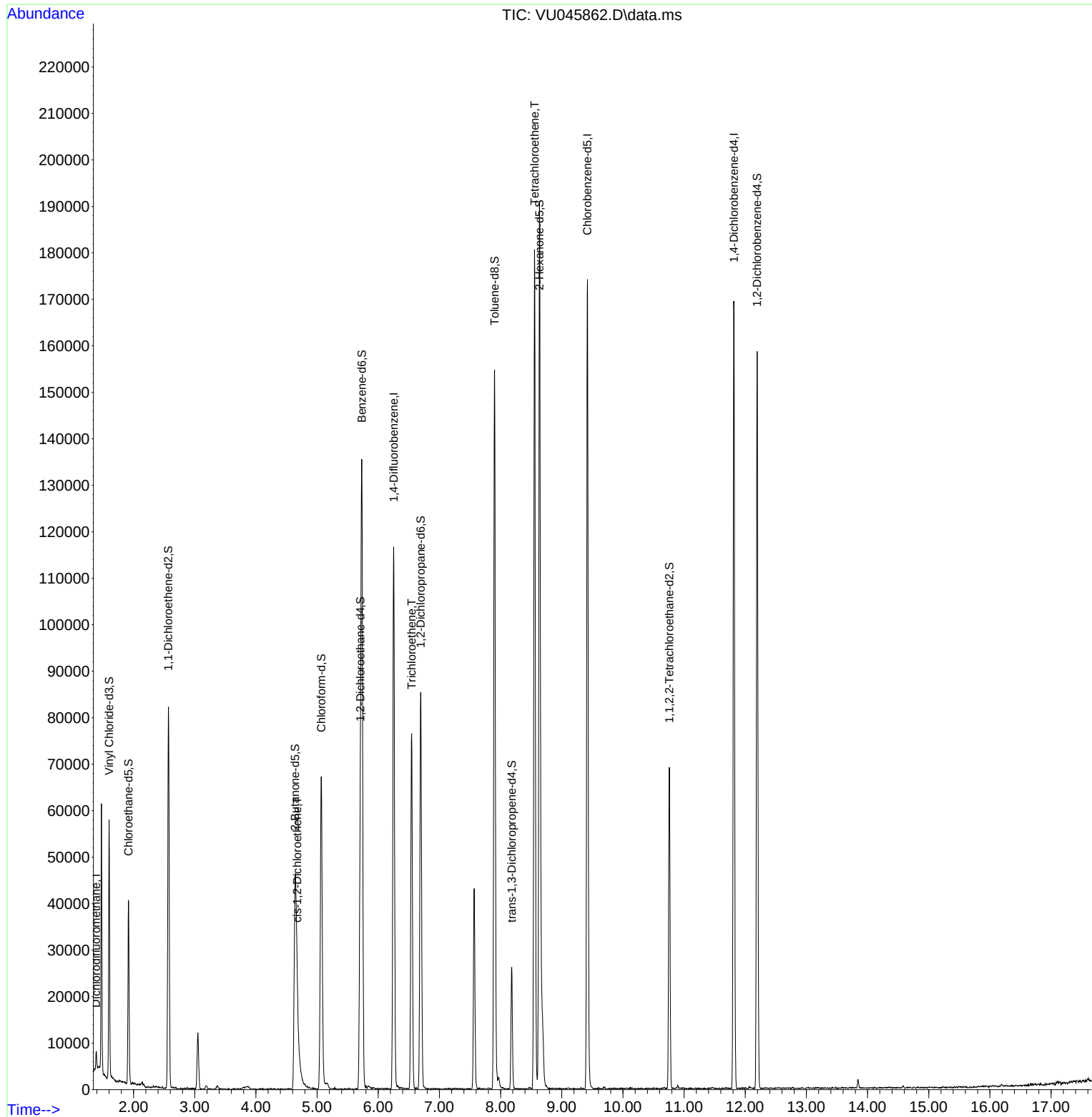
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	93431	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	97344	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	44806	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	38272	5.170	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.400%
7) Chloroethane-d5	1.916	69	28482	5.285	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	2.568	65	16020	5.160	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.200%
20) 2-Butanone-d5	4.642	46	99301	50.057	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.120%
24) Chloroform-d	5.070	84	61646	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.706	65	35864	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.732	84	126445	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.693	67	40806	4.830	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.902	98	107505	4.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.182	79	15095	4.401	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.635	63	66389	43.006	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34528	4.837	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	39853	5.180	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	1052	0.138	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	1381	0.205	ug/L	72
34) Trichloroethene	6.546	95	25907	3.701	ug/L	98
47) Tetrachloroethene	8.555	164	39778	8.117	ug/L	96

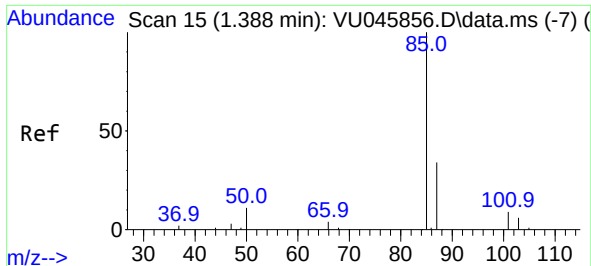
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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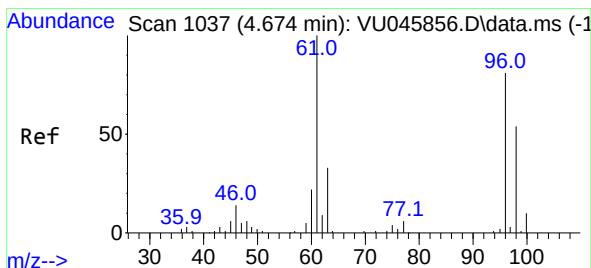
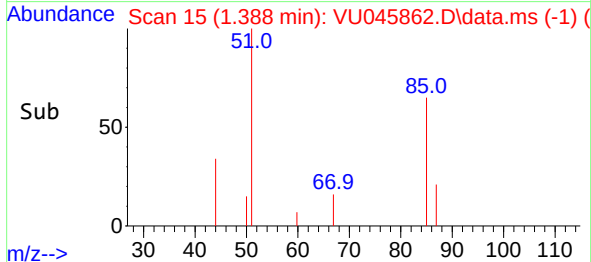
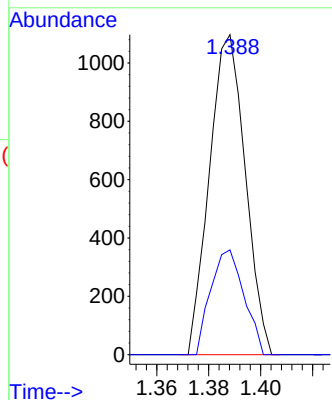
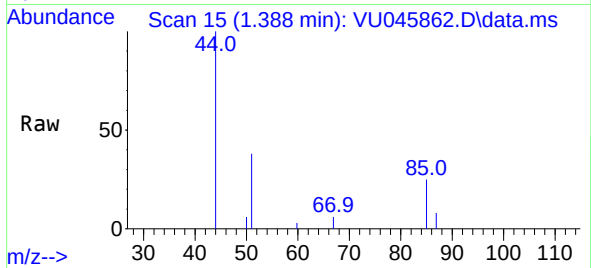




#2
Dichlorodifluoromethane
Concen: 0.138 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045862.D
Acq: 18 Nov 2021 12:43

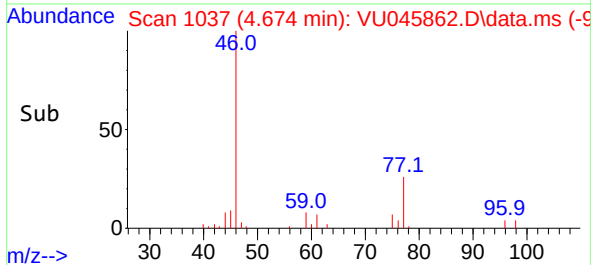
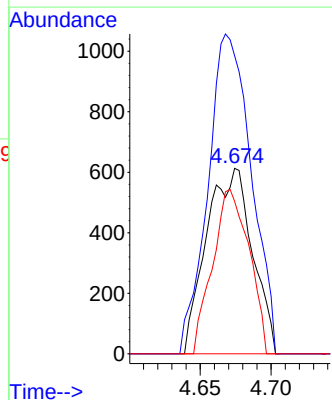
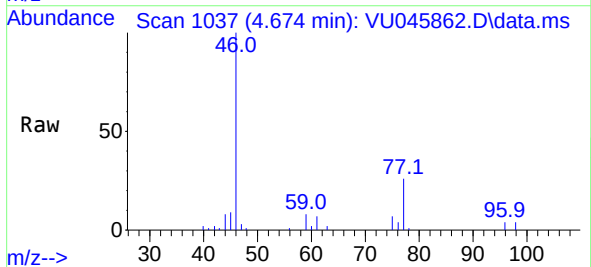
Instrument :
MSVOA_U
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BG213DL

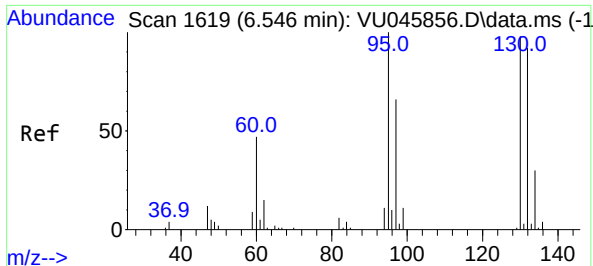
Tgt Ion: 85 Resp: 1052
Ion Ratio Lower Upper
85 100
87 30.4 25.8 38.6



#22
cis-1,2-Dichloroethene
Concen: 0.205 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU045862.D
Acq: 18 Nov 2021 12:43

Tgt Ion: 96 Resp: 1381
Ion Ratio Lower Upper
96 100
61 160.7 88.5 164.3
98 82.2 44.4 82.5



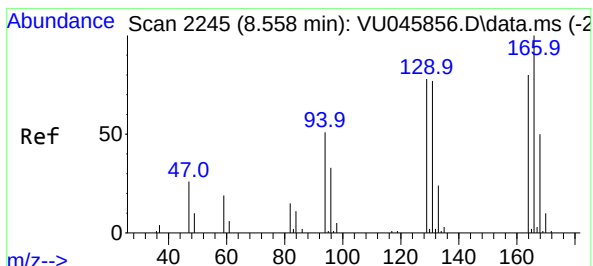
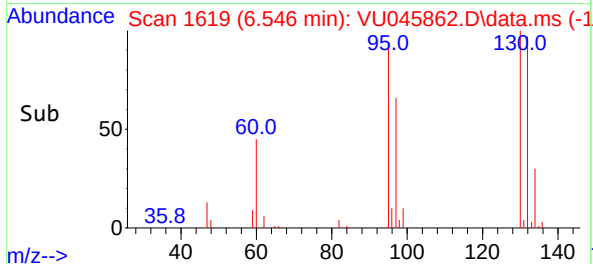
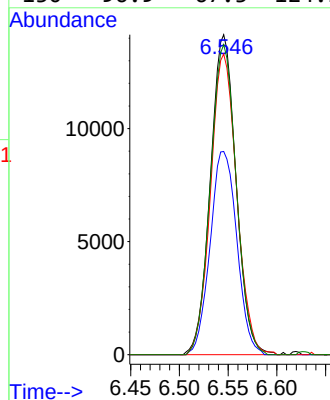
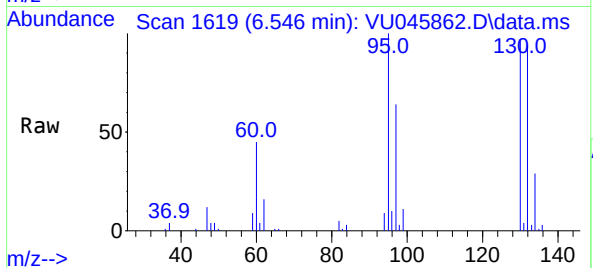


#34
Trichloroethene
Concen: 3.701 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
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Tgt Ion: 95 Resp: 25907

Ion	Ratio	Lower	Upper
95	100		
97	63.5	46.5	86.5
132	93.9	65.1	120.9
130	96.9	67.3	124.9



#47
Tetrachloroethene
Concen: 8.117 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045862.D
Acq: 18 Nov 2021 12:43

Tgt Ion: 164 Resp: 39778

Ion	Ratio	Lower	Upper
164	100		
129	99.6	71.8	133.4
131	95.6	68.5	127.3
166	127.8	94.1	174.8

