

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055346.D
 Acq On : 15 Sep 2023 18:13
 Operator : MD/SY
 Sample : 04380-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4M0

Quant Time: Sep 16 00:44:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 16 00:42:29 2023
 Response via : Initial Calibration

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

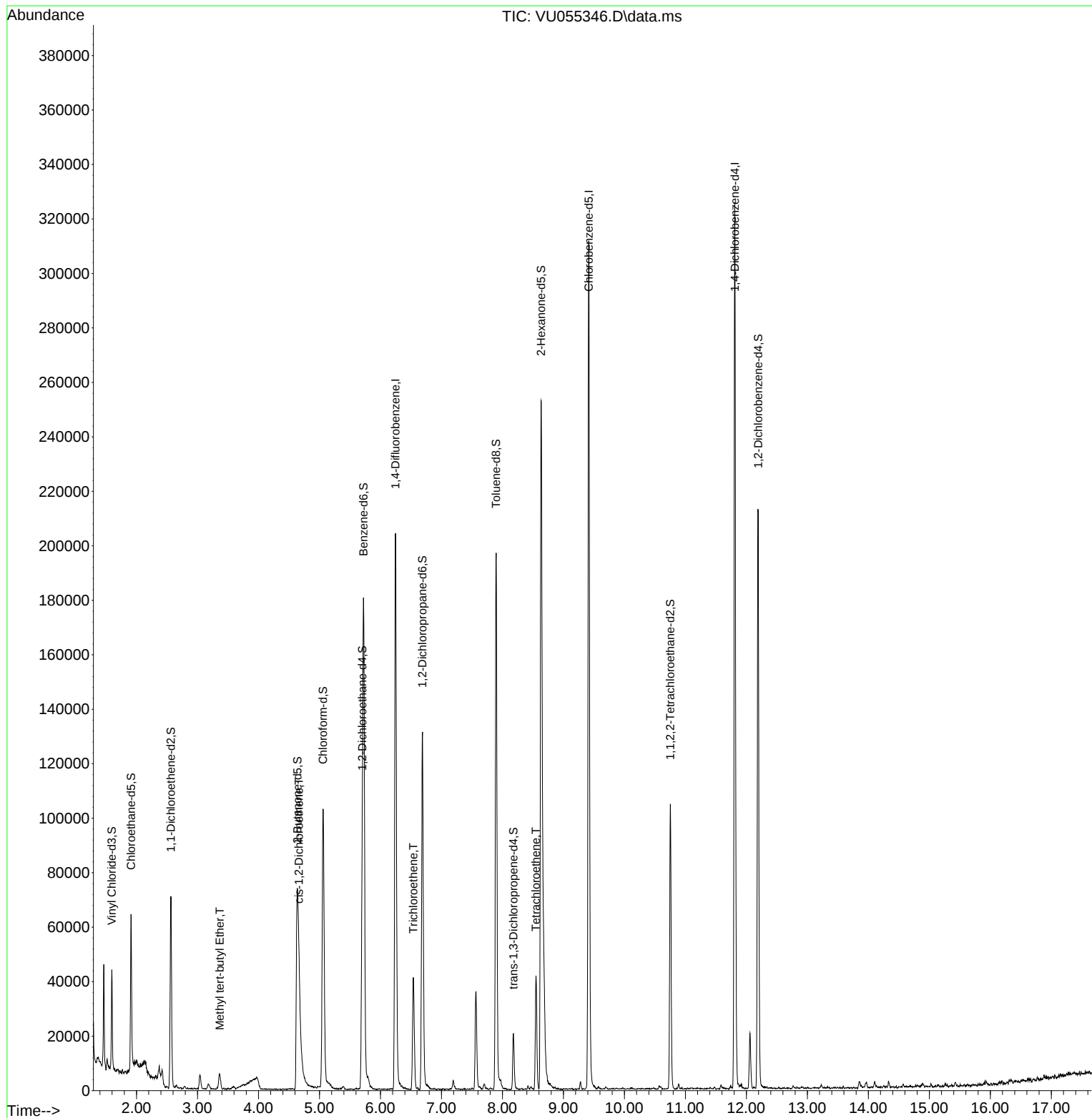
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	165714	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	170186	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	83108	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23619	2.480	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	49.600%
7) Chloroethane-d5	1.911	69	38403	3.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.400%
11) 1,1-Dichloroethene-d2	2.563	65	12755	3.702	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	4.637	46	151518	57.527	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.060%
24) Chloroform-d	5.058	84	96469	4.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.701	65	52153	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.724	84	167493	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.689	67	62297	5.125	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.897	98	135229	4.397	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.180	79	11942	2.769	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	55.400%
46) 2-Hexanone-d5	8.634	63	81983	52.243	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.480%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51934	4.913	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	54735	5.114	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
17) Methyl tert-butyl Ether	3.364	73	5948	0.213	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	4128	0.275	ug/L	88
34) Trichloroethene	6.541	95	13285	0.829	ug/L	94
47) Tetrachloroethene	8.550	164	8763	0.797	ug/L	91

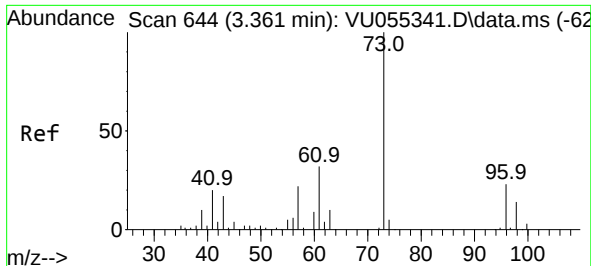
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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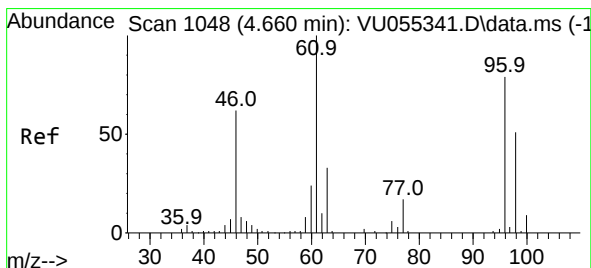
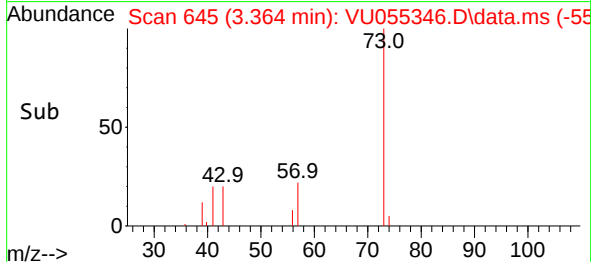
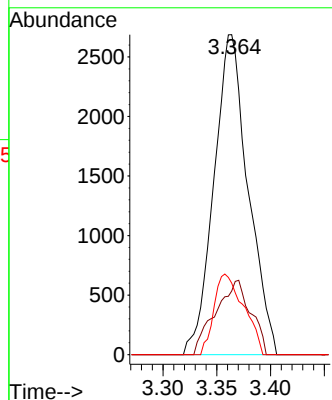
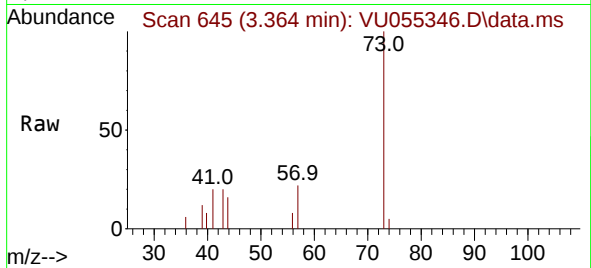




#17
Methyl tert-butyl Ether
Concen: 0.213 ug/L
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU055346.D
Acq: 15 Sep 2023 18:13

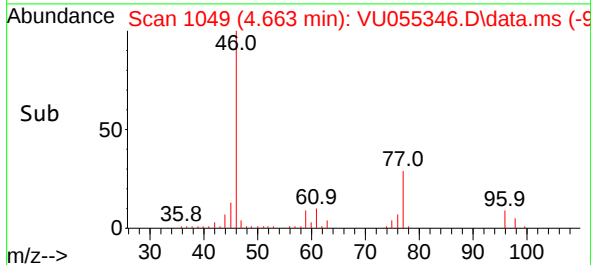
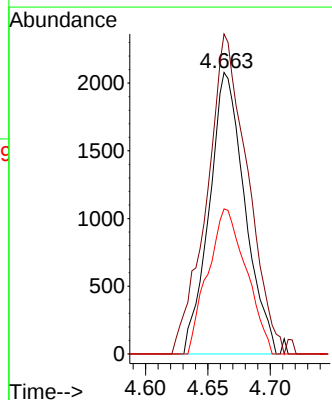
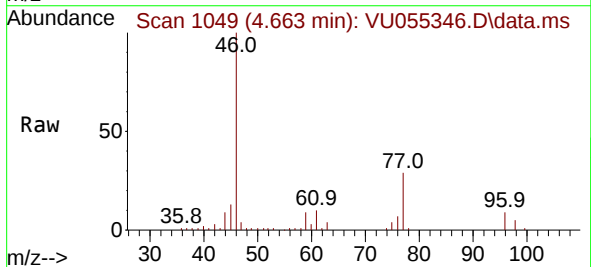
Instrument :
MSVOA_U
ClientSampleId :
BH4M0

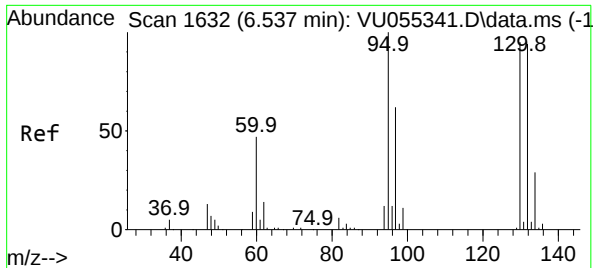
Tgt Ion: 73 Resp: 5948
Ion Ratio Lower Upper
73 100
43 23.8 16.0 24.0
57 21.9 17.2 25.8



#22
cis-1,2-Dichloroethene
Concen: 0.275 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU055346.D
Acq: 15 Sep 2023 18:13

Tgt Ion: 96 Resp: 4128
Ion Ratio Lower Upper
96 100
61 113.7 88.1 163.7
98 51.6 43.5 80.7



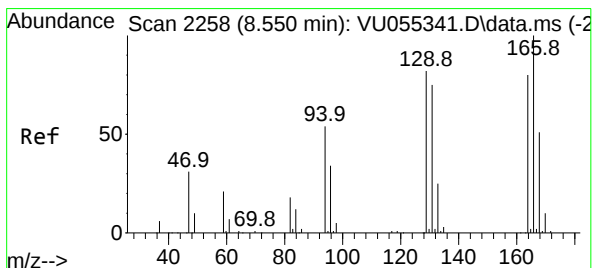
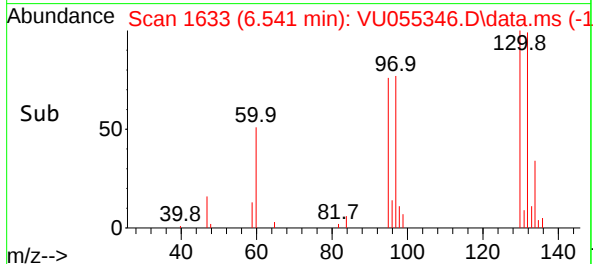
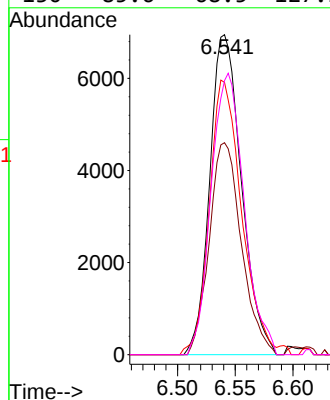
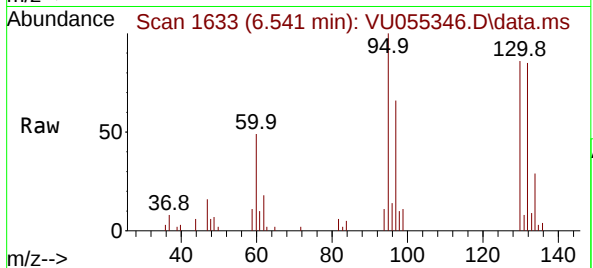


#34
Trichloroethene
Concen: 0.829 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU055346.D
Acq: 15 Sep 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :
BH4M0

Tgt Ion: 95 Resp: 13285

Ion	Ratio	Lower	Upper
95	100		
97	66.3	47.4	88.0
132	85.1	60.5	112.3
130	85.6	68.5	127.1



#47
Tetrachloroethene
Concen: 0.797 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055346.D
Acq: 15 Sep 2023 18:13

Tgt Ion: 164 Resp: 8763

Ion	Ratio	Lower	Upper
164	100		
129	105.6	76.3	141.7
131	92.6	69.1	128.3
166	106.6	87.8	163.2

