

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055248.D
 Acq On : 12 Sep 2023 15:13
 Operator : MD/SY
 Sample : 04307-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4H2

Quant Time: Sep 13 01:47:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 13 01:44:08 2023
 Response via : Initial Calibration

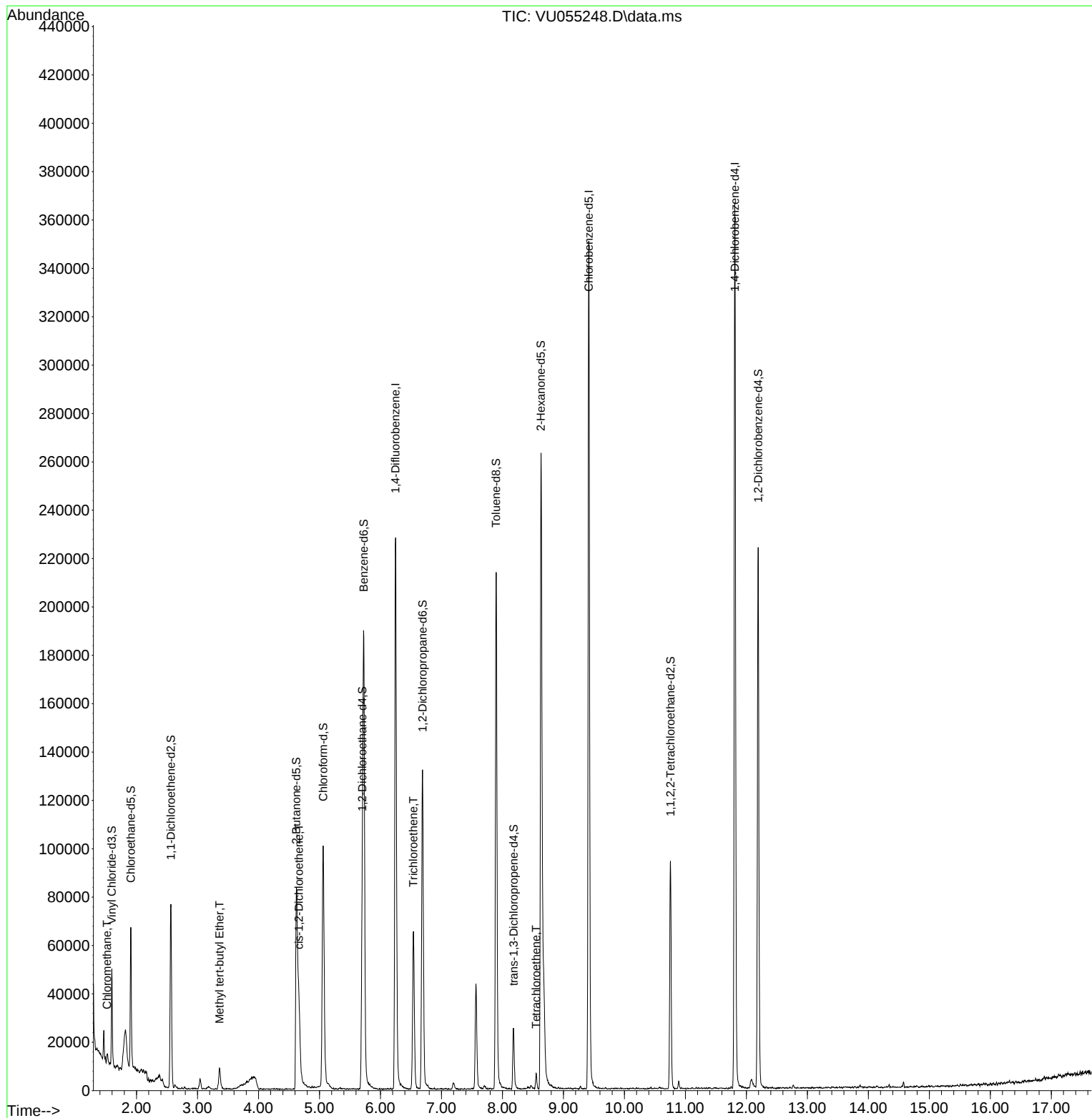
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	184437	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	195963	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	95945	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25408	2.939	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	58.800%	
7) Chloroethane-d5	1.907	69	39834	3.981	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.600%	
11) 1,1-Dichloroethene-d2	2.563	65	14374	2.918	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	58.400%#	
20) 2-Butanone-d5	4.621	46	125580	50.062	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.120%	
24) Chloroform-d	5.062	84	91221	3.977	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.600%	
26) 1,2-Dichloroethane-d4	5.701	65	50978	4.442	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
32) Benzene-d6	5.727	84	177448	3.668	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	73.400%	
36) 1,2-Dichloropropane-d6	6.692	67	63849	4.150	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.000%	
41) Toluene-d8	7.898	98	145823	3.273	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	65.400%#	
43) trans-1,3-Dichloroprop...	8.184	79	14517	3.426	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	68.600%	
46) 2-Hexanone-d5	8.631	63	83497	48.542	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.080%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	46946	4.339	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.800%	
66) 1,2-Dichlorobenzene-d4	12.193	152	57651	4.117	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.400%	
Target Compounds						
3) Chloromethane	1.518	50	3490	0.320	ug/L	92
17) Methyl tert-butyl Ether	3.361	73	8286	0.371	ug/L #	92
22) cis-1,2-Dichloroethene	4.663	96	11603	1.096	ug/L	84
34) Trichloroethene	6.541	95	21322	1.840	ug/L	95
47) Tetrachloroethene	8.553	164	1355	0.169	ug/L	79

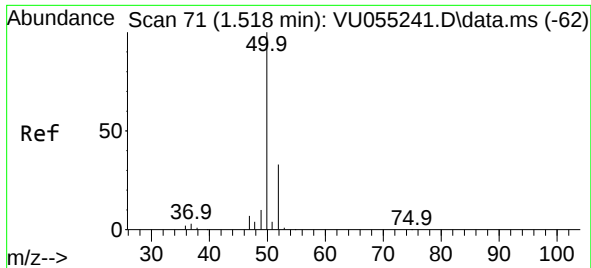
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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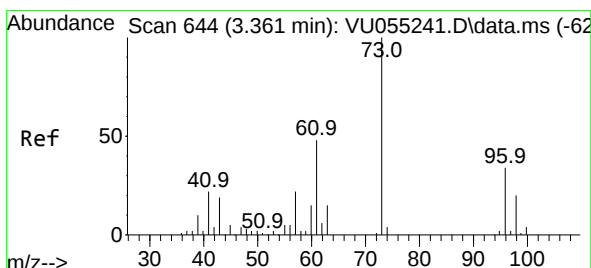
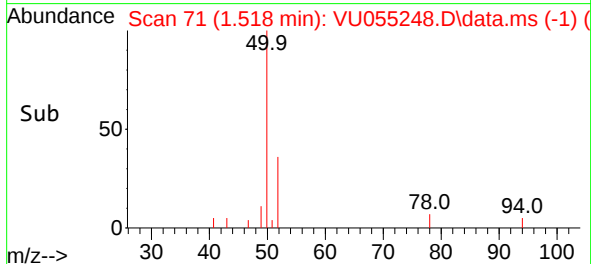
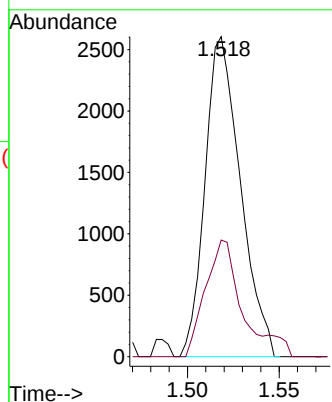
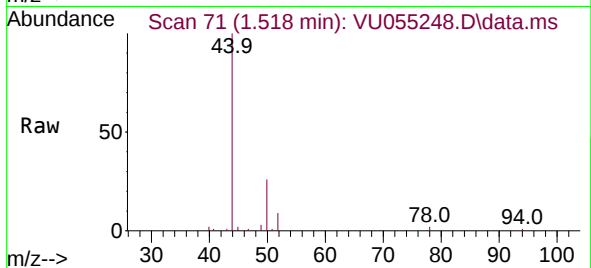




#3
Chloromethane
Concen: 0.320 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU055248.D
Acq: 12 Sep 2023 15:13

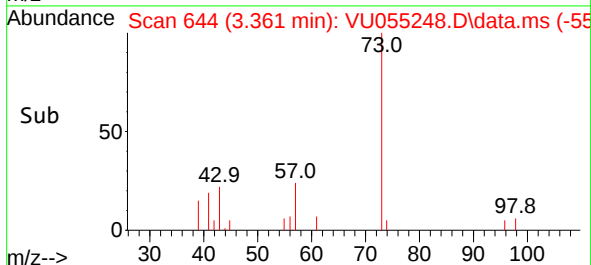
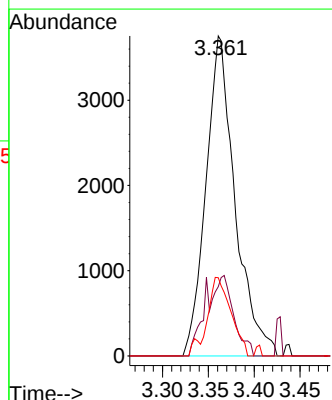
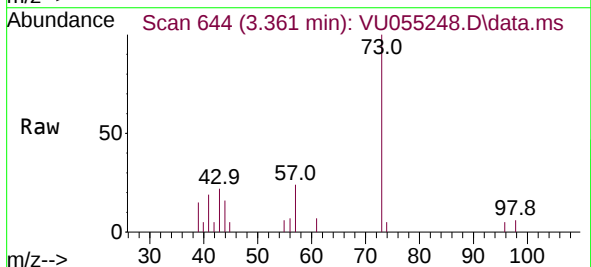
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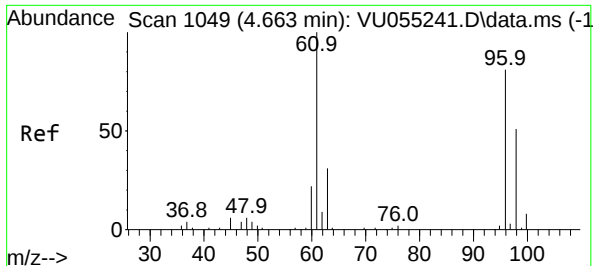
Tgt Ion: 50 Resp: 3490
Ion Ratio Lower Upper
50 100
52 36.5 22.5 41.7



#17
Methyl tert-butyl Ether
Concen: 0.371 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU055248.D
Acq: 12 Sep 2023 15:13

Tgt Ion: 73 Resp: 8286
Ion Ratio Lower Upper
73 100
43 15.6 16.2 24.2#
57 18.5 17.4 26.2

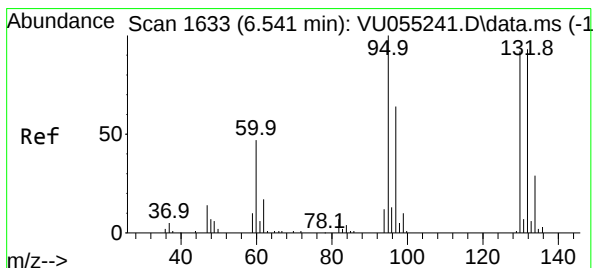
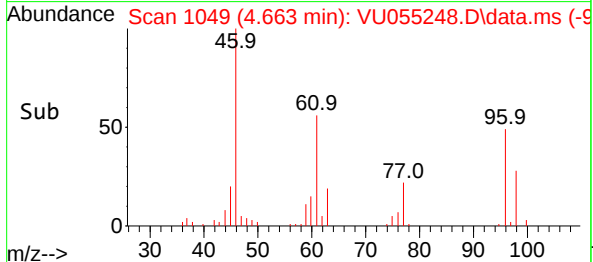
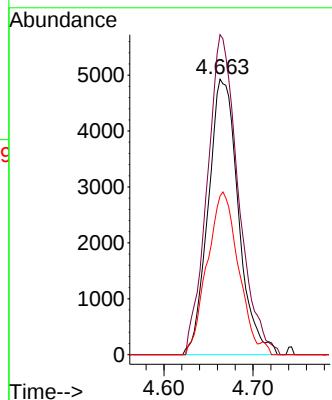
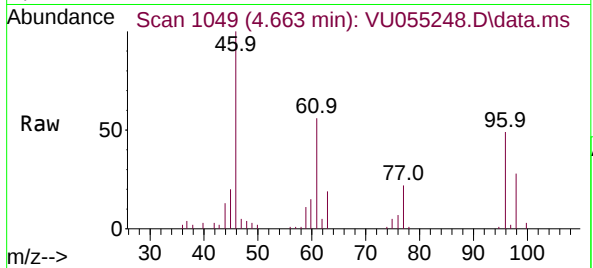




#22
cis-1,2-Dichloroethene
Concen: 1.096 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055248.D
Acq: 12 Sep 2023 15:13

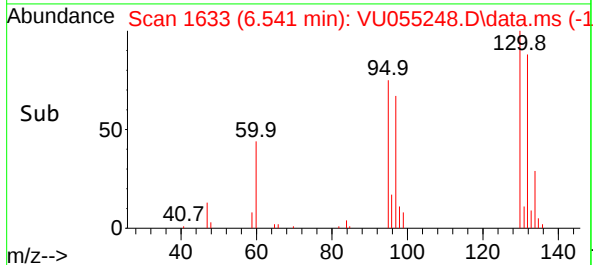
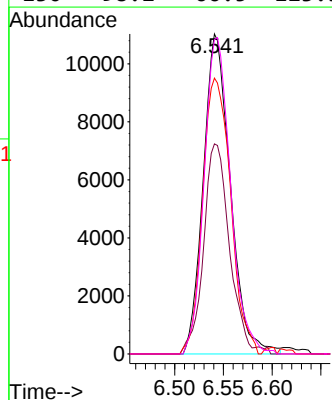
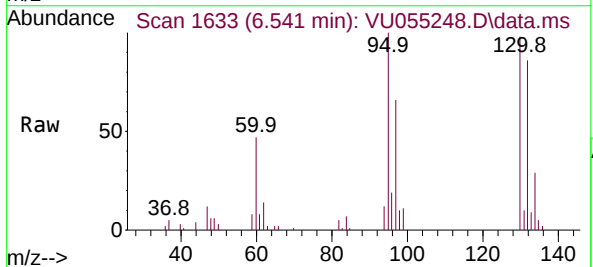
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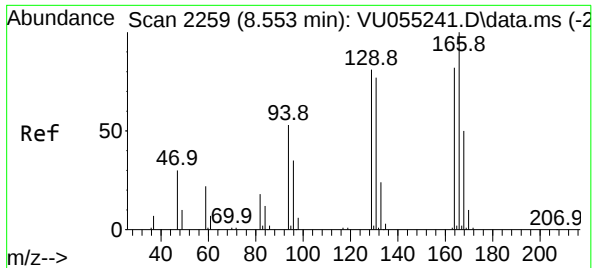
Tgt Ion: 96 Resp: 11603
Ion Ratio Lower Upper
96 100
61 116.2 97.2 180.4
98 57.5 46.1 85.7



#34
Trichloroethene
Concen: 1.840 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055248.D
Acq: 12 Sep 2023 15:13

Tgt Ion: 95 Resp: 21322
Ion Ratio Lower Upper
95 100
97 65.6 44.7 83.1
132 86.2 66.6 123.6
130 98.2 66.5 123.5





#47

Tetrachloroethene

Concen: 0.169 ug/L

RT: 8.553 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU055248.D

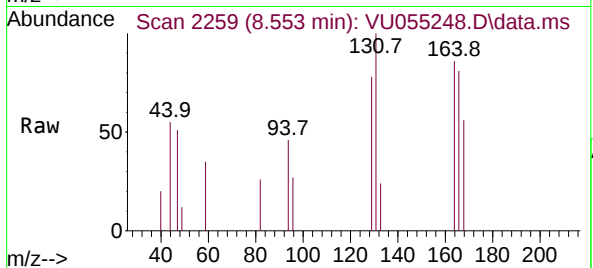
Acq: 12 Sep 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

BH4H2



Tgt Ion:164 Resp: 1355

Ion Ratio Lower Upper

164 100

129 91.5 69.2 128.6

131 116.9 68.8 127.8

166 94.8 92.3 171.5

