

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055355.D
 Acq On : 15 Sep 2023 21:52
 Operator : MD/SY
 Sample : 04380-06DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4L7DL

Quant Time: Sep 16 00:46:15 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)

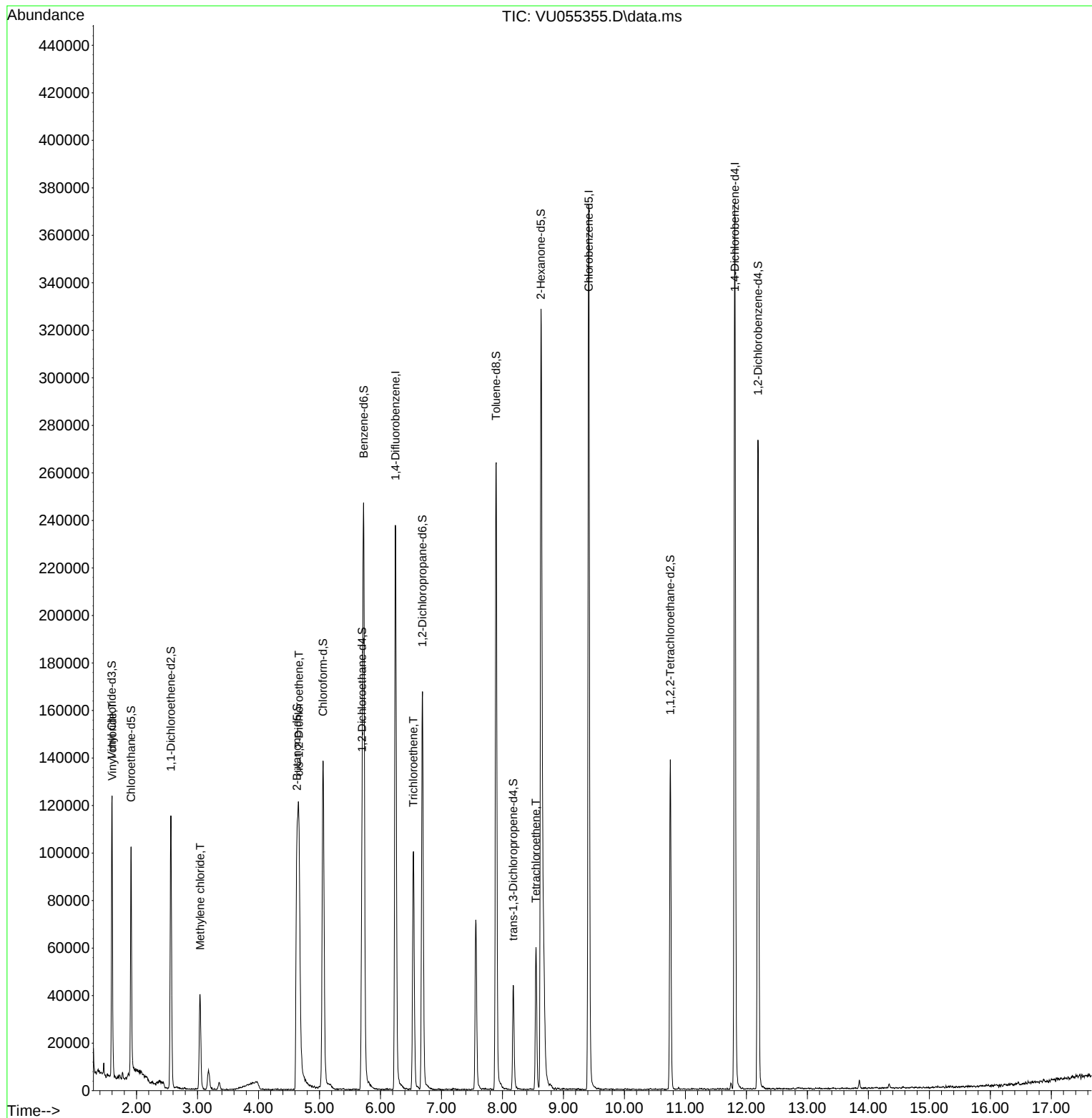
Internal Standards							
1) 1,4-Difluorobenzene		6.245	114	192215	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.415	117	205006	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.811	152	94820	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.595	65	57384	5.194	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.800%	
7) Chloroethane-d5		1.911	69	65683	5.267	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.400%	
11) 1,1-Dichloroethene-d2		2.563	65	21948	5.492	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.800%	
20) 2-Butanone-d5		4.631	46	186558	61.065	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.140%	
24) Chloroform-d		5.058	84	128811	5.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%	
26) 1,2-Dichloroethane-d4		5.698	65	71584	5.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.000%	
32) Benzene-d6		5.724	84	231170	5.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%	
36) 1,2-Dichloropropane-d6		6.689	67	81113	5.540	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.800%	
41) Toluene-d8		7.894	98	180574	4.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%	
43) trans-1,3-Dichloroprop...		8.177	79	24981	4.808	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%	
46) 2-Hexanone-d5		8.631	63	104380	55.218	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.440%	
56) 1,1,2,2-Tetrachloroeth...		10.753	84	68644	5.391	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%	
66) 1,2-Dichlorobenzene-d4		12.190	152	68787	5.633	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%	
Target Compounds							
						Qvalue	
5) Vinyl chloride		1.602	62	30770	1.614	ug/L	98
16) Methylene chloride		3.042	84	19609	0.974	ug/L	96
22) cis-1,2-Dichloroethene		4.663	96	36504	2.098	ug/L	92
34) Trichloroethene		6.541	95	33418	1.730	ug/L	99
47) Tetrachloroethene		8.550	164	11908	0.900	ug/L	95

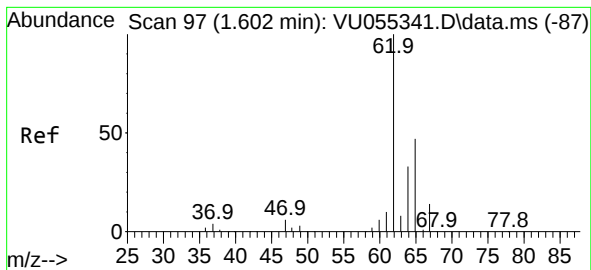
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
Data File : VU055355.D
Acq On : 15 Sep 2023 21:52
Operator : MD/SY
Sample : 04380-06DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH4L7DL

Quant Time: Sep 16 00:46:15 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





#5

Vinyl chloride

Concen: 1.614 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU055355.D

Acq: 15 Sep 2023 21:52

Instrument :

MSVOA_U

ClientSampleId :

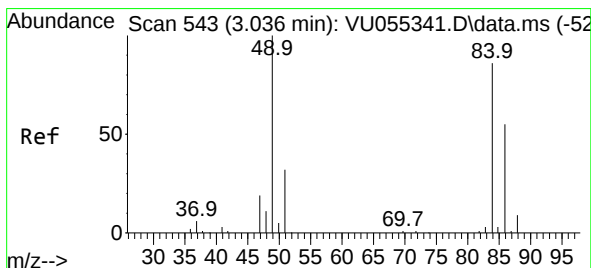
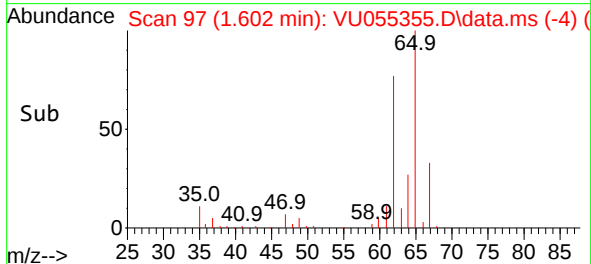
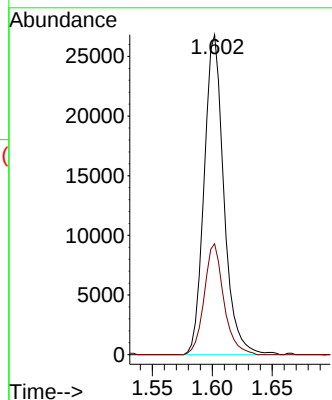
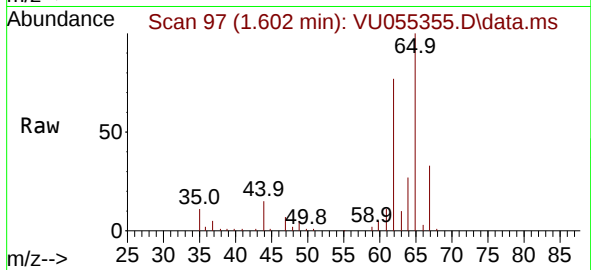
BH4L7DL

Tgt Ion: 62 Resp: 30770

Ion Ratio Lower Upper

62 100

64 34.7 23.4 43.6



#16

Methylene chloride

Concen: 0.974 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.006 min

Lab File: VU055355.D

Acq: 15 Sep 2023 21:52

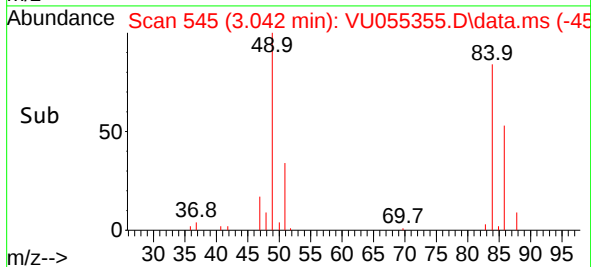
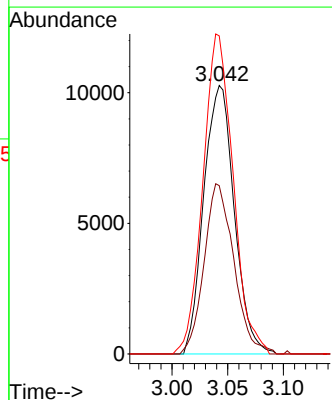
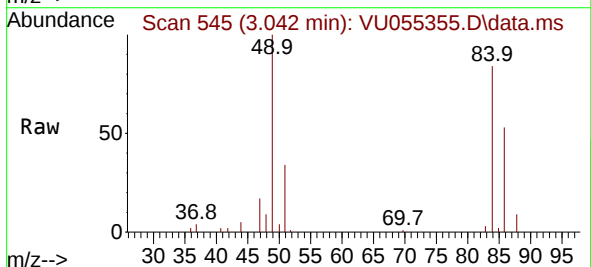
Tgt Ion: 84 Resp: 19609

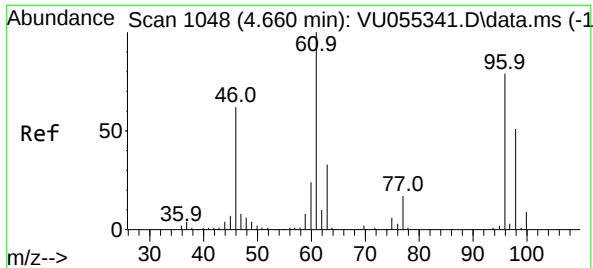
Ion Ratio Lower Upper

84 100

86 62.7 42.4 78.8

49 118.5 79.9 148.3

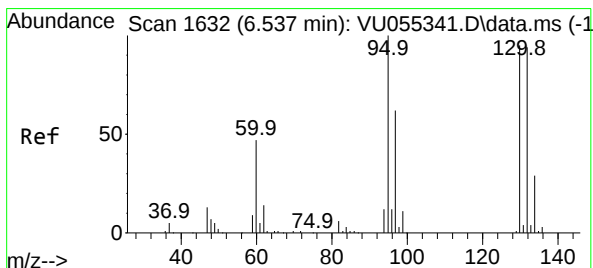
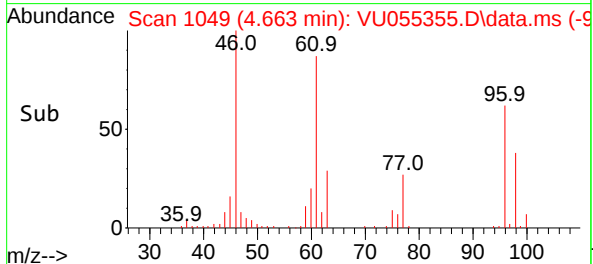
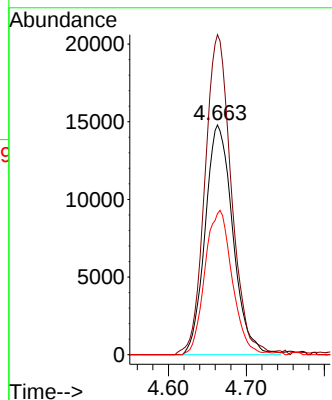
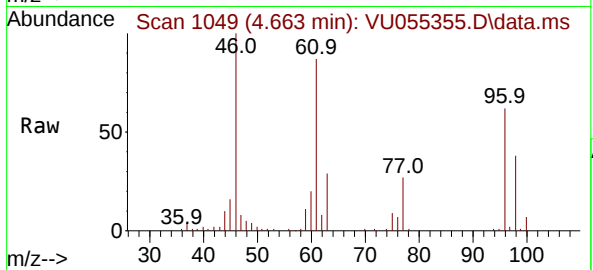




#22
cis-1,2-Dichloroethene
Concen: 2.098 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU055355.D
Acq: 15 Sep 2023 21:52

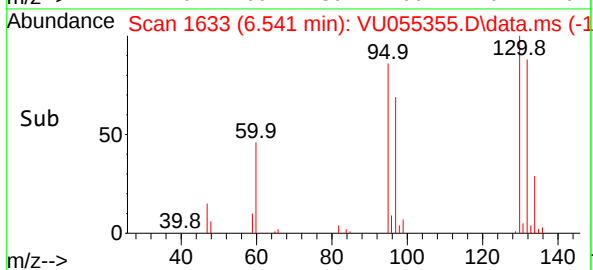
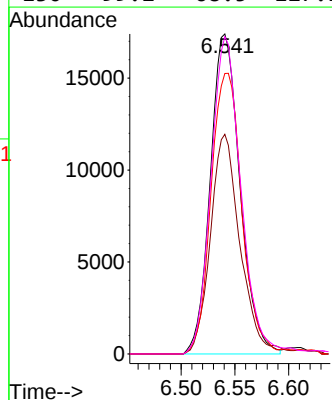
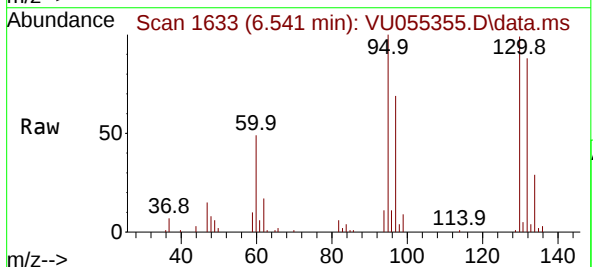
Instrument :
MSVOA_U
ClientSampleId :
BH4L7DL

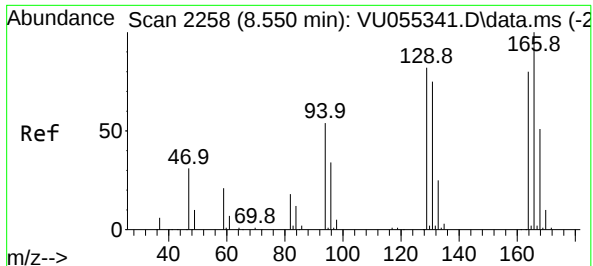
Tgt Ion: 96 Resp: 36504
Ion Ratio Lower Upper
96 100
61 139.3 88.1 163.7
98 61.4 43.5 80.7



#34
Trichloroethene
Concen: 1.730 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU055355.D
Acq: 15 Sep 2023 21:52

Tgt Ion: 95 Resp: 33418
Ion Ratio Lower Upper
95 100
97 68.6 47.4 88.0
132 87.7 60.5 112.3
130 99.2 68.5 127.1





#47
 Tetrachloroethene
 Concen: 0.900 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU055355.D
 Acq: 15 Sep 2023 21:52

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4L7DL

Tgt Ion:164	Resp:	11908
Ion	Ratio	Lower Upper
164	100	
129	103.2	76.3 141.7
131	99.9	69.1 128.3
166	133.5	87.8 163.2

