

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
 Data File : VU055000.D
 Acq On : 30 Aug 2023 15:39
 Operator : MD/SY
 Sample : 04230-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH491

Quant Time: Aug 31 02:37:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 31 02:34:15 2023
 Response via : Initial Calibration

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

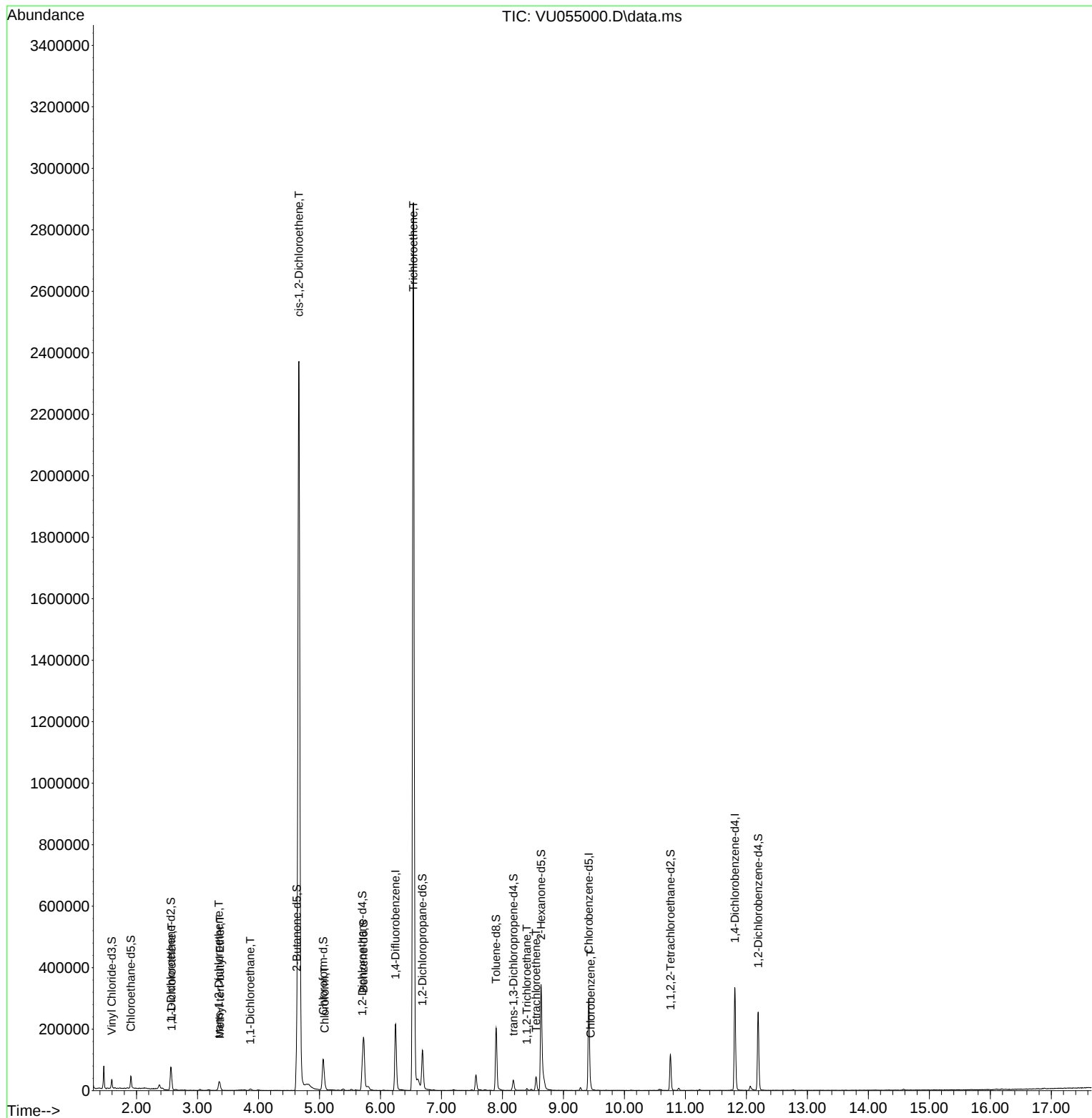
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	171318	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	166287	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	84204	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18754	3.468	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.400%	
7) Chloroethane-d5	1.907	69	27488	3.935	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.600%	
11) 1,1-Dichloroethene-d2	2.563	65	11628	3.805	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.000%	
20) 2-Butanone-d5	4.628	46	178187	61.050	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.100%	
24) Chloroform-d	5.062	84	88819	4.428	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
26) 1,2-Dichloroethane-d4	5.701	65	51257	4.802	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
32) Benzene-d6	5.724	84	154137	4.124	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.400%	
36) 1,2-Dichloropropane-d6	6.689	67	58655	4.462	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.200%	
41) Toluene-d8	7.897	98	137130	3.831	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.600%	
43) trans-1,3-Dichloroprop...	8.180	79	17055	3.942	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.800%	
46) 2-Hexanone-d5	8.634	63	115015	56.011	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.020%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	57879	5.134	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	63089	4.693	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.800%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	7602	0.983	ug/L #	51
17) Methyl tert-butyl Ether	3.367	73	17969	0.798	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	5729	0.678	ug/L	99
19) 1,1-Dichloroethane	3.865	63	5567	0.314	ug/L #	84
22) cis-1,2-Dichloroethene	4.663	96	1191725	118.244	ug/L	95
25) Chloroform	5.084	83	10173	0.523	ug/L	98
34) Trichloroethene	6.541	95	961973	88.486	ug/L	98
45) 1,1,2-Trichloroethane	8.402	97	1840	0.249	ug/L	90
47) Tetrachloroethene	8.553	164	8638	1.106	ug/L	96
51) Chlorobenzene	9.447	112	3869	0.137	ug/L	93

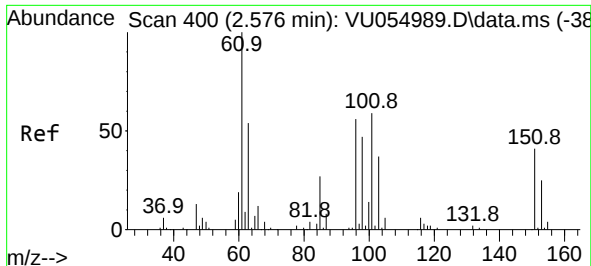
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 31 02:34:15 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.983 ug/L

RT: 2.576 min Scan# 40

Delta R.T. -0.000 min

Lab File: VU055000.D

Acq: 30 Aug 2023 15:39

Instrument :

MSVOA_U

ClientSampleId :

BH491

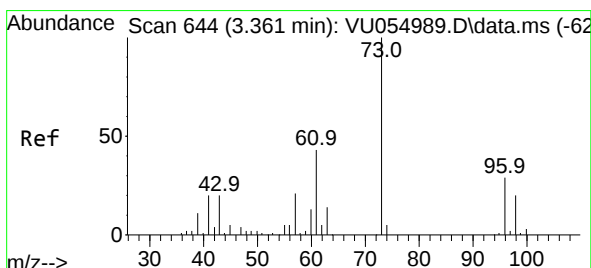
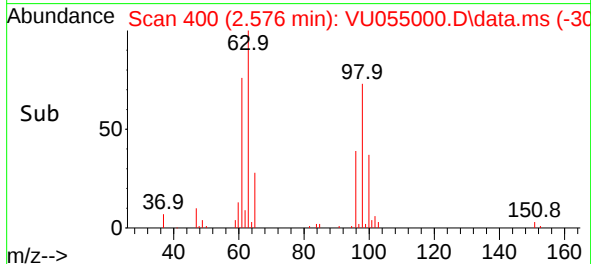
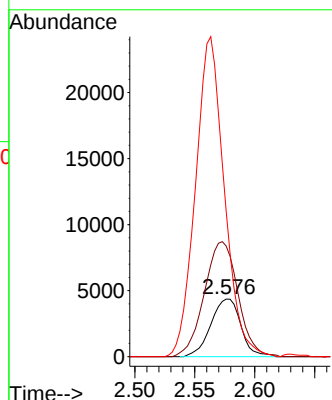
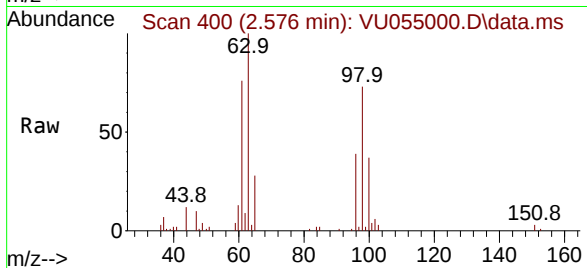
Tgt Ion: 96 Resp: 7602

Ion Ratio Lower Upper

96 100

61 192.3 132.4 245.8

63 253.5 82.5 153.1#



#17

Methyl tert-butyl Ether

Concen: 0.798 ug/L

RT: 3.367 min Scan# 646

Delta R.T. 0.006 min

Lab File: VU055000.D

Acq: 30 Aug 2023 15:39

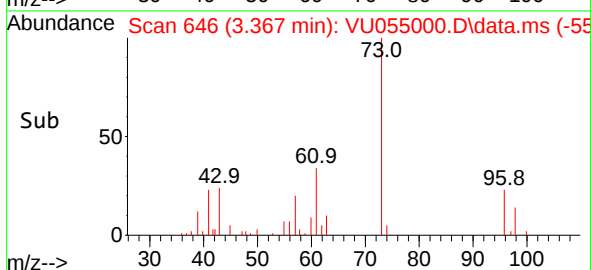
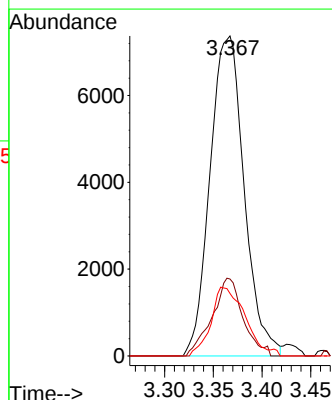
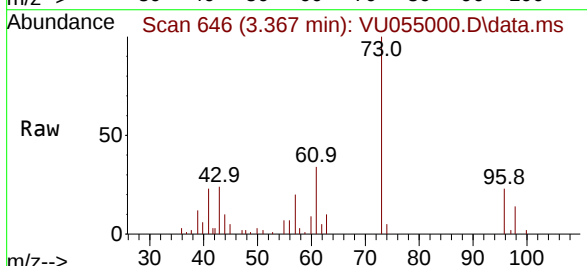
Tgt Ion: 73 Resp: 17969

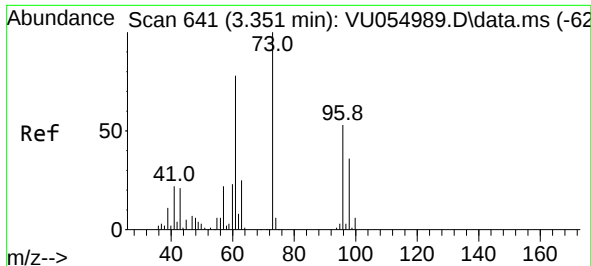
Ion Ratio Lower Upper

73 100

43 22.0 16.2 24.2

57 21.4 17.4 26.0

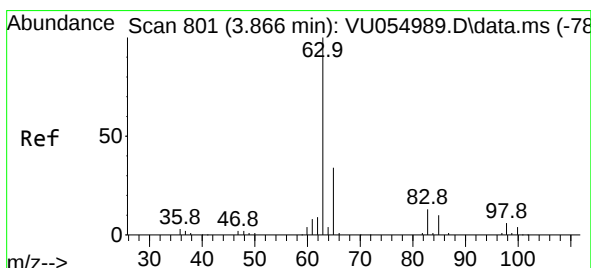
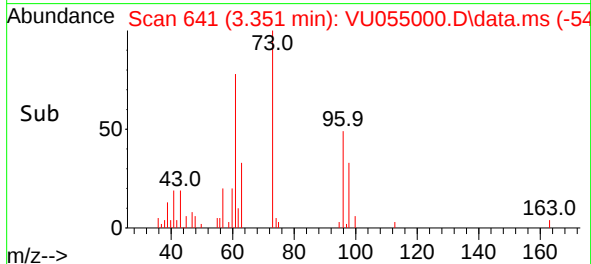
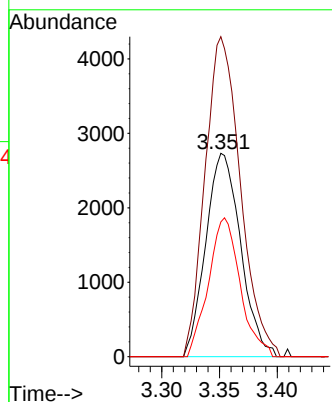
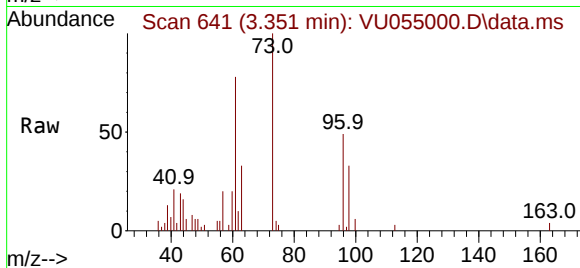




#18
trans-1,2-Dichloroethene
Concen: 0.678 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU055000.D
Acq: 30 Aug 2023 15:39

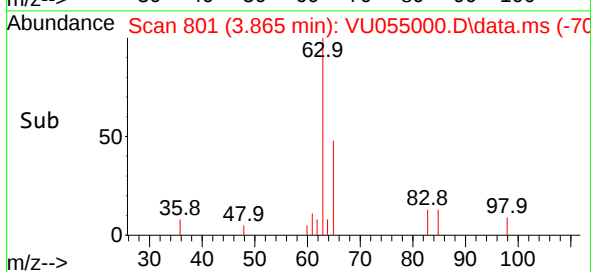
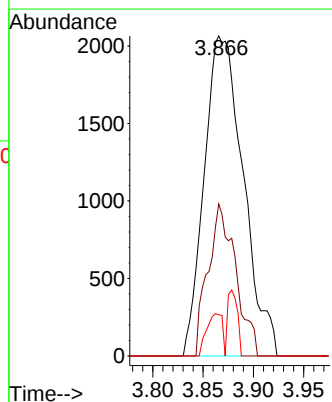
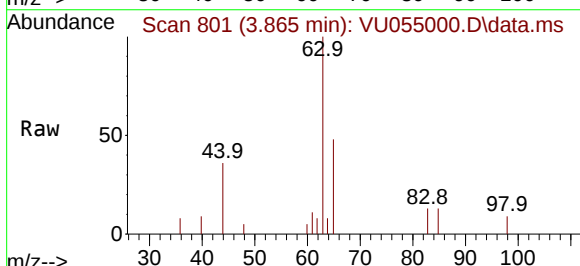
Instrument :
MSVOA_U
ClientSampleId :
BH491

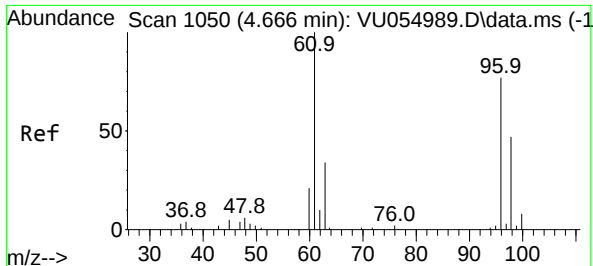
Tgt Ion: 96 Resp: 5729
Ion Ratio Lower Upper
96 100
61 157.4 108.8 202.0
98 66.3 45.8 85.2



#19
1,1-Dichloroethane
Concen: 0.314 ug/L
RT: 3.865 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU055000.D
Acq: 30 Aug 2023 15:39

Tgt Ion: 63 Resp: 5567
Ion Ratio Lower Upper
63 100
65 43.9 22.5 41.7#
83 11.9 9.5 17.7



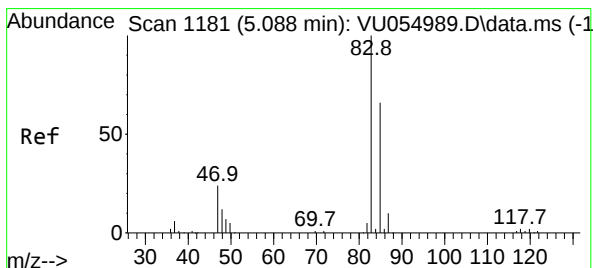
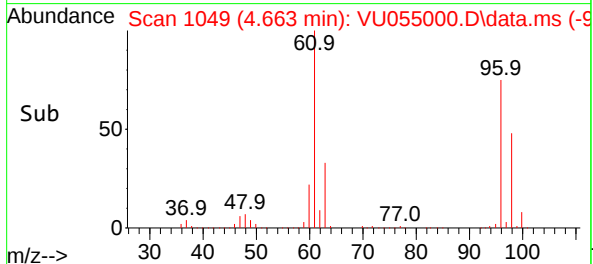
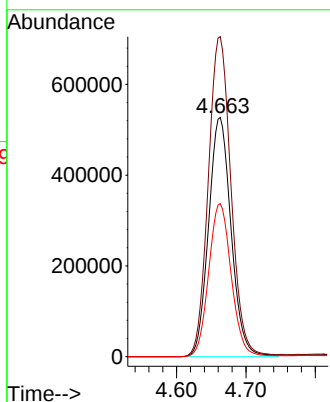
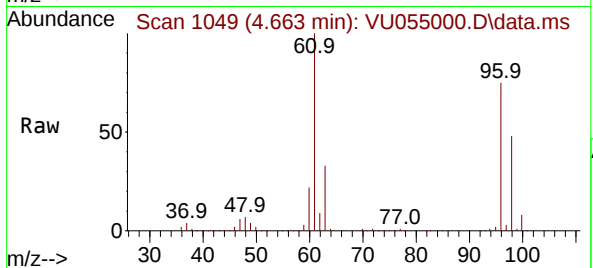


#22
 cis-1,2-Dichloroethene
 Concen: 118.244 ug/L
 RT: 4.663 min Scan# 110
 Delta R.T. -0.004 min
 Lab File: VU055000.D
 Acq: 30 Aug 2023 15:39

Instrument :
 MSVOA_U
 ClientSampleId :
 BH491

Tgt Ion: 96 Resp: 1191725

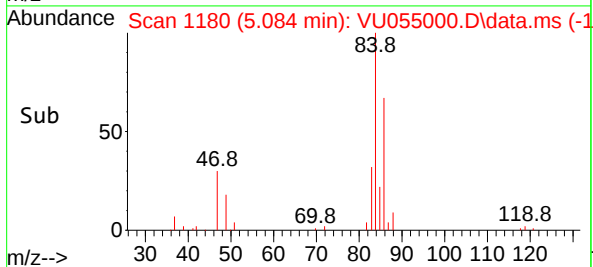
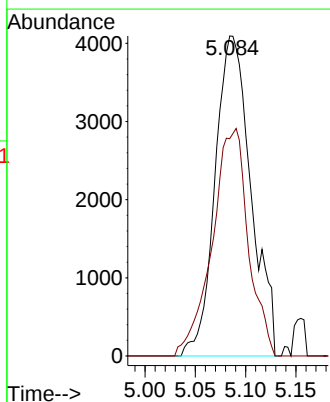
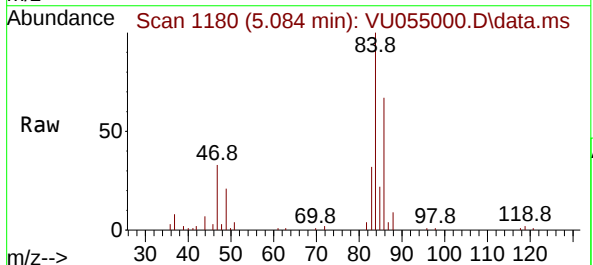
Ion	Ratio	Lower	Upper
96	100		
61	133.8	88.4	164.2
98	64.0	44.0	81.6

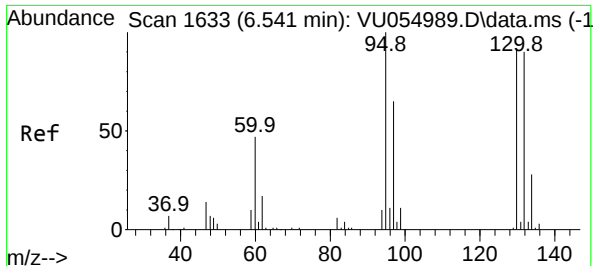


#25
 Chloroform
 Concen: 0.523 ug/L
 RT: 5.084 min Scan# 1180
 Delta R.T. -0.004 min
 Lab File: VU055000.D
 Acq: 30 Aug 2023 15:39

Tgt Ion: 83 Resp: 10173

Ion	Ratio	Lower	Upper
83	100		
85	67.9	46.7	86.7





#34

Trichloroethene

Concen: 88.486 ug/L

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055000.D

Acq: 30 Aug 2023 15:39

Instrument :

MSVOA_U

ClientSampleId :

BH491

Tgt Ion: 95 Resp: 961973

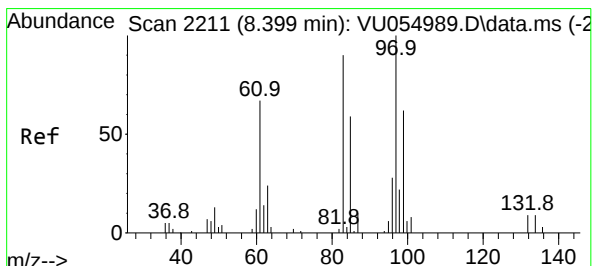
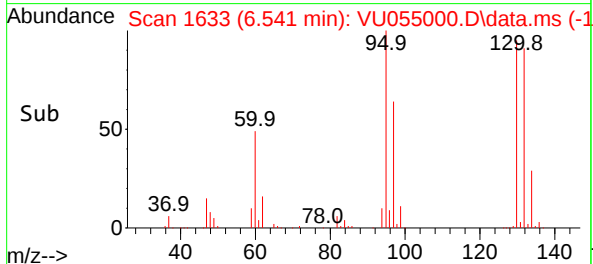
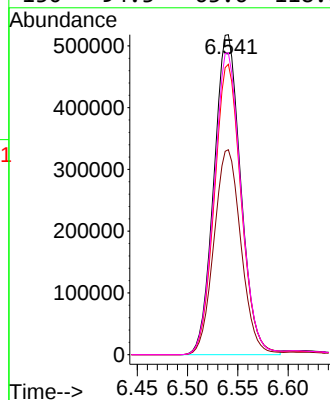
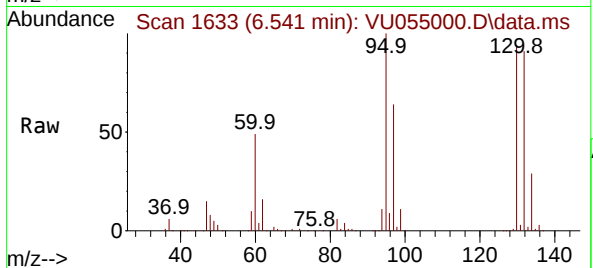
Ion Ratio Lower Upper

95 100

97 64.0 44.1 81.9

132 90.7 63.6 118.2

130 94.3 63.6 118.0



#45

1,1,2-Trichloroethane

Concen: 0.249 ug/L

RT: 8.402 min Scan# 2212

Delta R.T. 0.003 min

Lab File: VU055000.D

Acq: 30 Aug 2023 15:39

Tgt Ion: 97 Resp: 1840

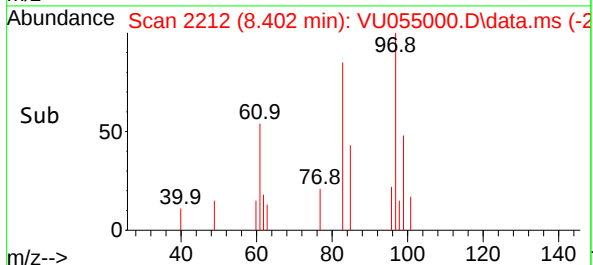
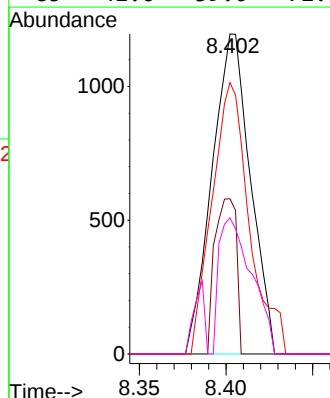
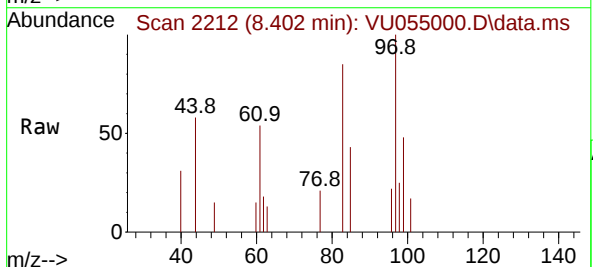
Ion Ratio Lower Upper

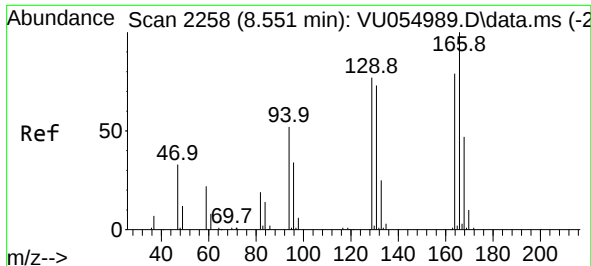
97 100

99 48.5 41.5 77.1

83 84.8 59.8 111.1

85 42.6 39.0 72.4

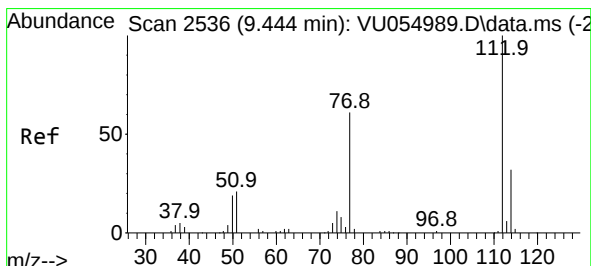
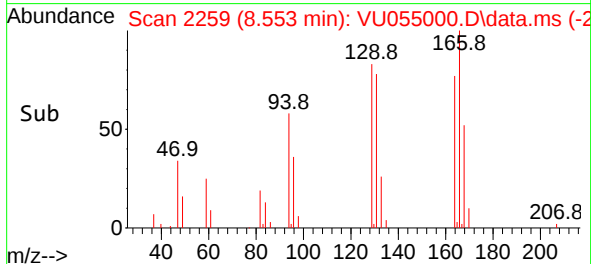
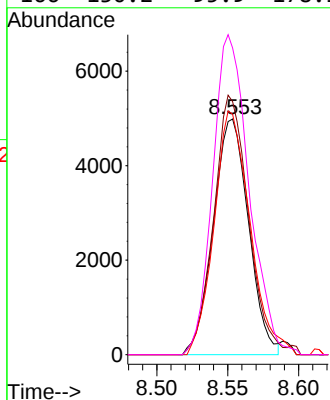
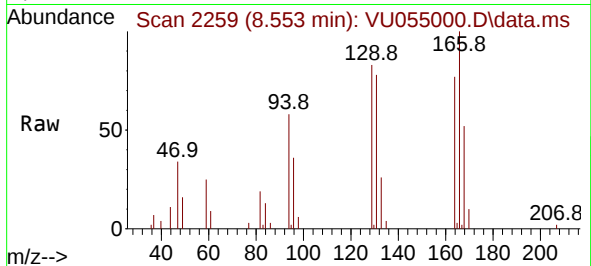




#47
Tetrachloroethene
Concen: 1.106 ug/L
RT: 8.553 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055000.D
Acq: 30 Aug 2023 15:39

Instrument :
MSVOA_U
ClientSampleId :
BH491

Tgt Ion:	164	Resp:	8638
Ion	Ratio	Lower	Upper
164	100		
129	107.4	72.8	135.2
131	102.1	70.7	131.3
166	130.2	95.9	178.1



#51
Chlorobenzene
Concen: 0.137 ug/L
RT: 9.447 min Scan# 2537
Delta R.T. 0.003 min
Lab File: VU055000.D
Acq: 30 Aug 2023 15:39

Tgt Ion:	112	Resp:	3869
Ion	Ratio	Lower	Upper
112	100		
114	36.9	23.4	43.4
77	67.4	49.3	73.9

