

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041723\
 Data File : VU053744.D
 Acq On : 17 Apr 2023 22:13
 Operator : JC/MD
 Sample : 02340-13 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE14

Quant Time: Apr 18 00:24:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 18 00:19:36 2023
 Response via : Initial Calibration

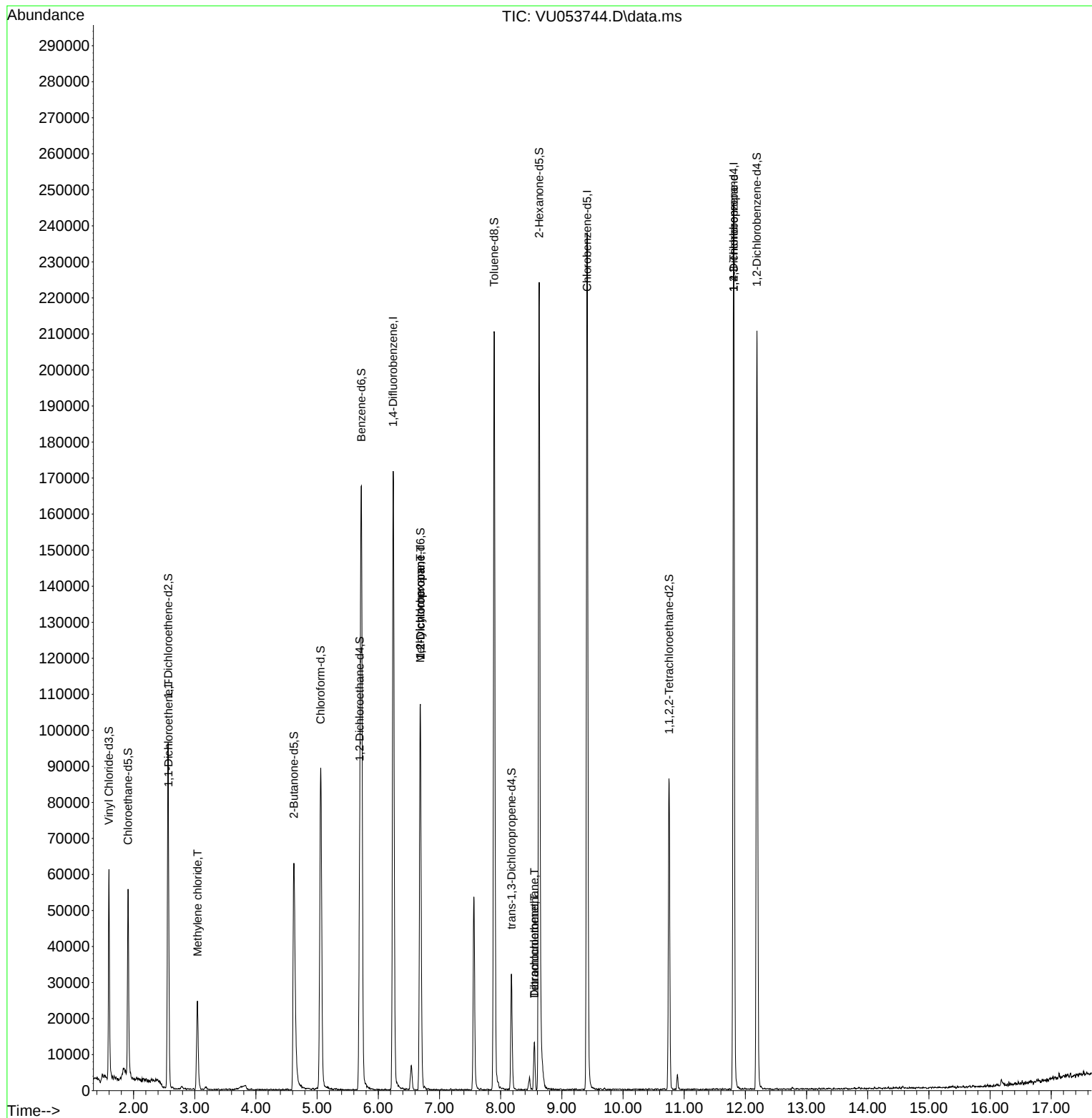
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	148135	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	139220	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	68075	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45054	4.421	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.400%	
7) Chloroethane-d5	1.909	69	40886	4.421	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.400%	
11) 1,1-Dichloroethene-d2	2.565	65	16489	3.798	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.000%	
20) 2-Butanone-d5	4.620	46	93479	40.041	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	80.080%	
24) Chloroform-d	5.057	84	82943	4.390	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
26) 1,2-Dichloroethane-d4	5.697	65	42549	4.395	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
32) Benzene-d6	5.722	84	166670	4.224	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
36) 1,2-Dichloropropane-d6	6.687	67	52651	4.379	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.600%	
41) Toluene-d8	7.893	98	147859	3.972	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.400%	
43) trans-1,3-Dichloroprop...	8.176	79	18254	3.957	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.200%	
46) 2-Hexanone-d5	8.629	63	80982	43.215	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.420%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	41828	4.180	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.600%	
66) 1,2-Dichlorobenzene-d4	12.188	152	58000	4.736	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.800%	
Target Compounds						
12) 1,1-Dichloroethene	2.571	96	1044	0.124	ug/L #	1
16) Methylene chloride	3.044	84	12924	1.173	ug/L	93
35) Methylcyclohexane	6.684	83	12545	0.736	ug/L #	24
37) 1,2-Dichloropropane	6.687	63	5228	0.531	ug/L #	89
47) Tetrachloroethene	8.552	164	3072	0.421	ug/L	95
49) Dibromochloromethane	8.552	129	3105	0.449	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	7474	1.325	ug/L #	64

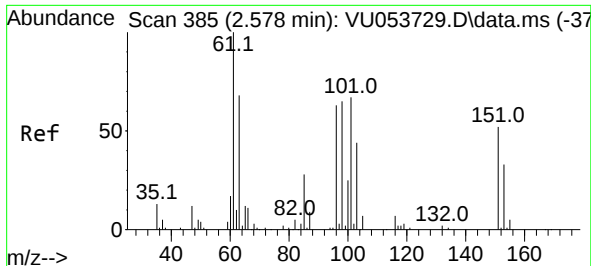
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041723\
Data File : VU053744.D
Acq On : 17 Apr 2023 22:13
Operator : JC/MD
Sample : 02340-13 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHE14

Quant Time: Apr 18 00:24:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 18 00:19:36 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.124 ug/L

RT: 2.571 min Scan# 3

Delta R.T. -0.006 min

Lab File: VU053744.D

Acq: 17 Apr 2023 22:13

Instrument :

MSVOA_U

ClientSampleId :

BHE14

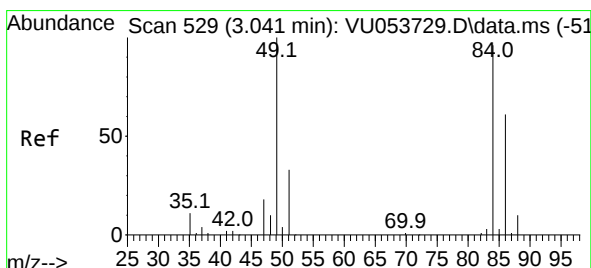
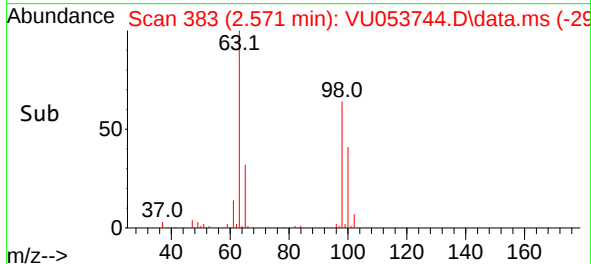
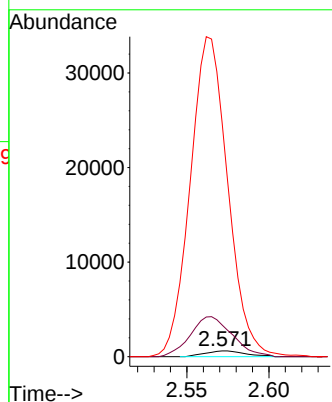
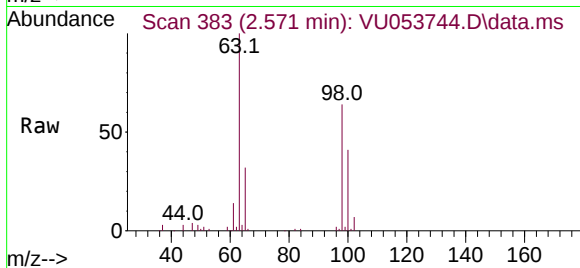
Tgt Ion: 96 Resp: 1044

Ion Ratio Lower Upper

96 100

61 550.7 116.8 216.8#

63 4065.7 88.6 164.6#



#16

Methylene chloride

Concen: 1.173 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU053744.D

Acq: 17 Apr 2023 22:13

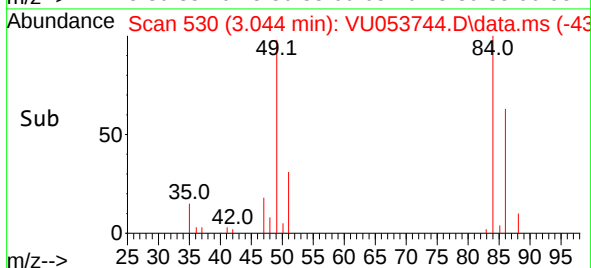
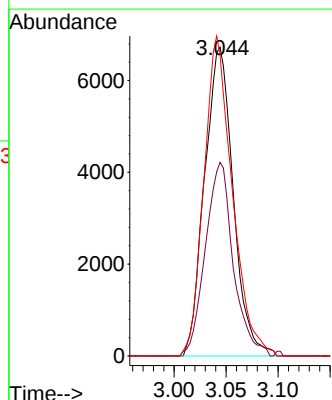
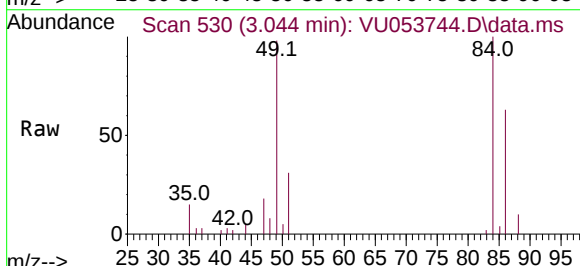
Tgt Ion: 84 Resp: 12924

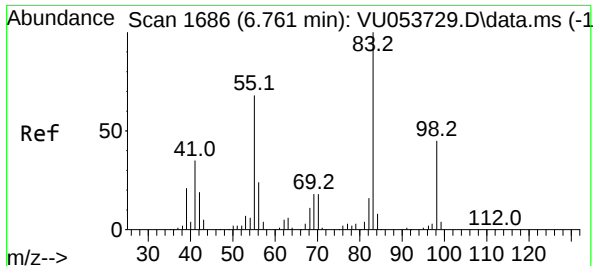
Ion Ratio Lower Upper

84 100

86 62.7 44.7 83.1

49 97.5 75.5 140.1





#35

Methylcyclohexane

Concen: 0.736 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU053744.D

Acq: 17 Apr 2023 22:13

Instrument :

MSVOA_U

ClientSampleId :

BHE14

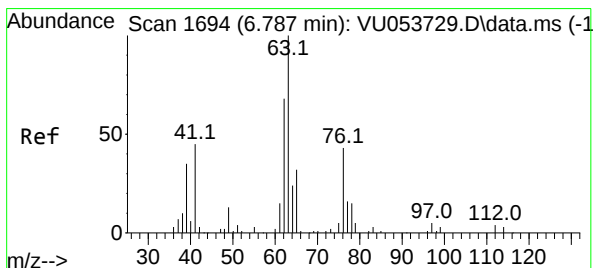
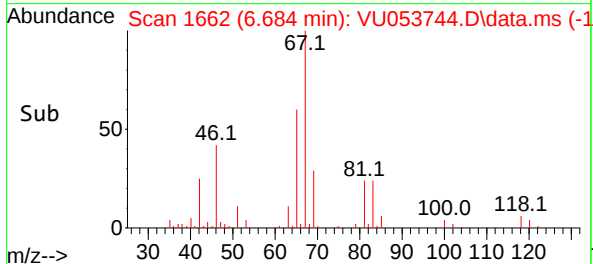
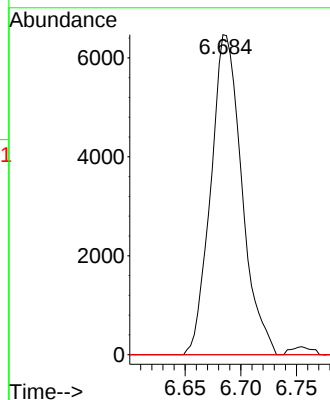
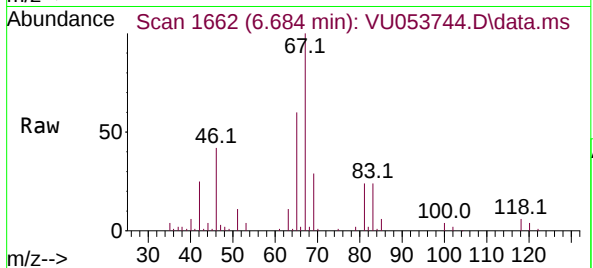
Tgt Ion: 83 Resp: 12545

Ion Ratio Lower Upper

83 100

55 0.0 54.9 82.3#

98 2.8 34.9 52.3#



#37

1,2-Dichloropropane

Concen: 0.531 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU053744.D

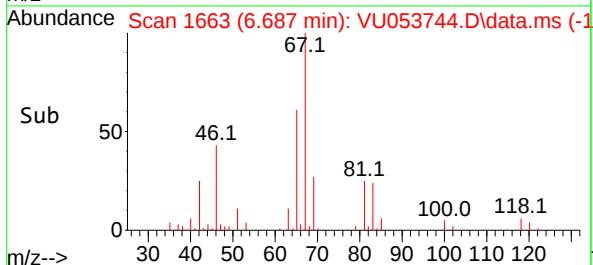
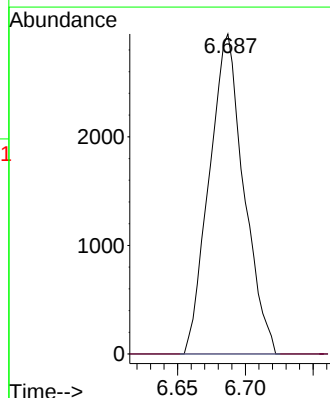
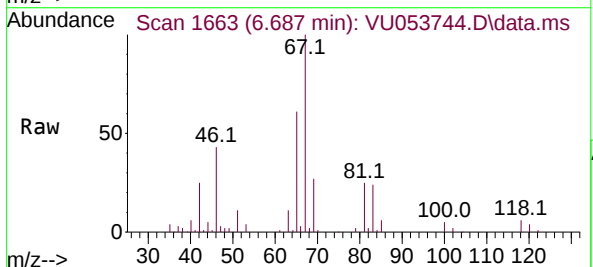
Acq: 17 Apr 2023 22:13

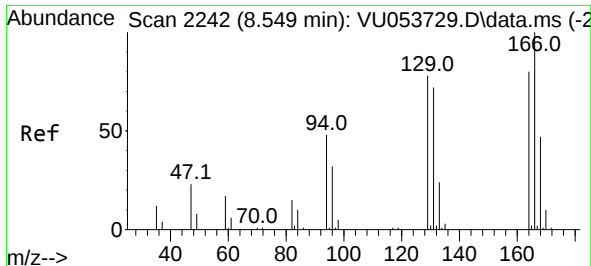
Tgt Ion: 63 Resp: 5228

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#47

Tetrachloroethene

Concen: 0.421 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.003 min

Lab File: VU053744.D

Acq: 17 Apr 2023 22:13

Instrument :

MSVOA_U

ClientSampleId :

BHE14

Tgt Ion:164 Resp: 3072

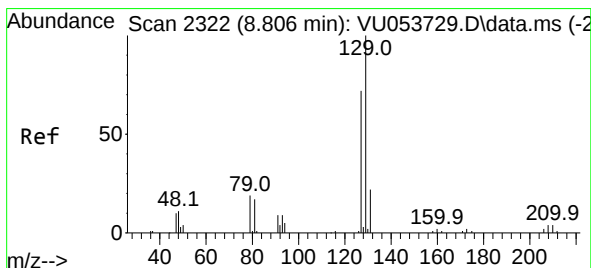
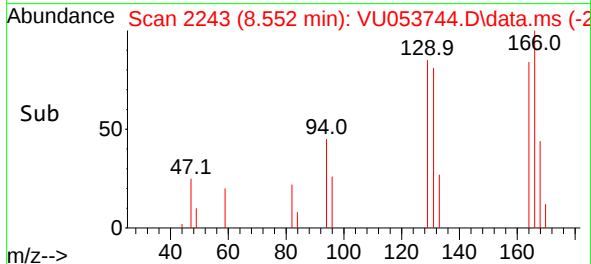
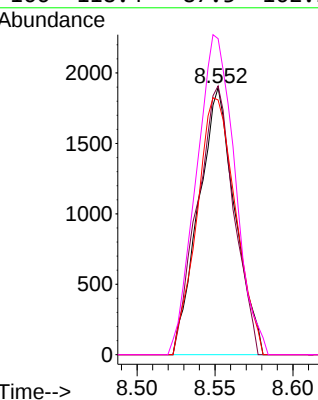
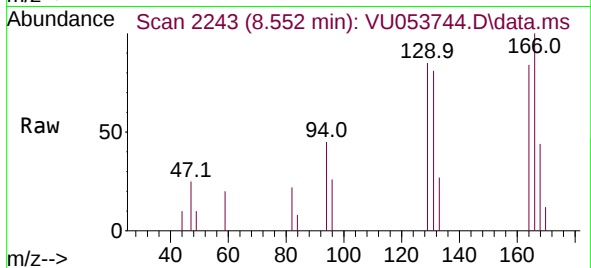
Ion Ratio Lower Upper

164 100

129 100.7 74.8 138.8

131 95.5 70.1 130.1

166 118.4 87.3 162.1



#49

Dibromochloromethane

Concen: 0.449 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.254 min

Lab File: VU053744.D

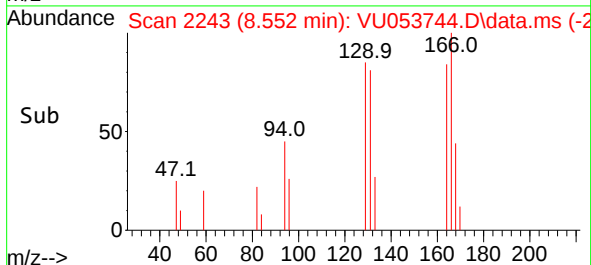
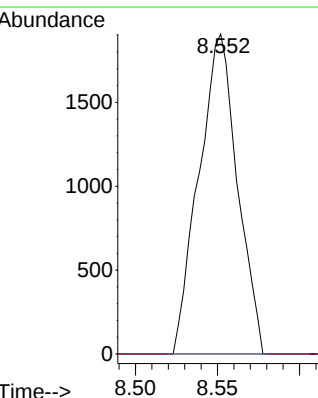
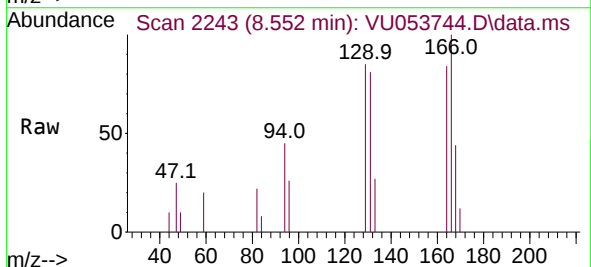
Acq: 17 Apr 2023 22:13

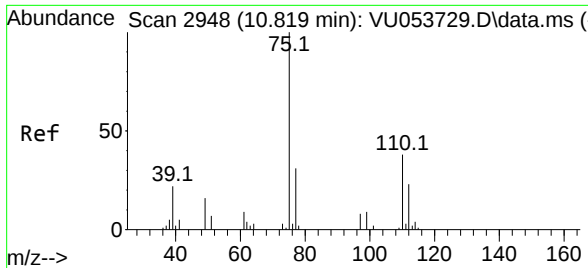
Tgt Ion:129 Resp: 3105

Ion Ratio Lower Upper

129 100

127 0.0 52.2 97.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.325 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053744.D
 Acq: 17 Apr 2023 22:13

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE14

Tgt Ion: 75 Resp: 7474
 Ion Ratio Lower Upper
 75 100
 110 1.2 30.6 46.0#
 77 36.6 26.1 39.1

