

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049854.D
 Acq On : 22 Jul 2022 16:59
 Operator : SY/MD
 Sample : N3802-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBHX8

Quant Time: Jul 23 02:35:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 01:04:38 2022
 Response via : Initial Calibration

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

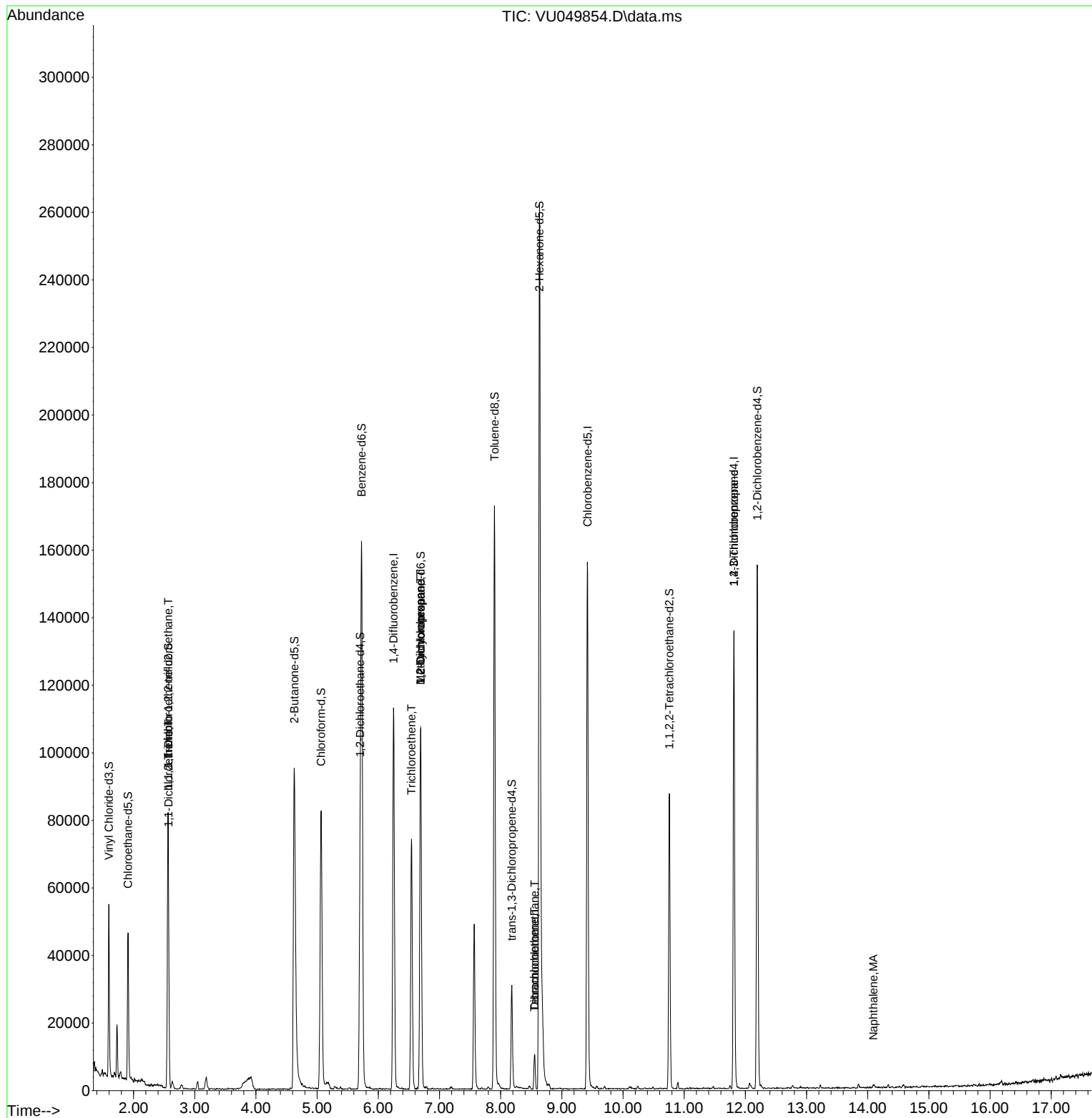
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	87378	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	81868	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34467	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	36646	5.180	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	103.600%	
7) Chloroethane-d5	1.909	69	30277	5.114	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.200%	
11) 1,1-Dichloroethene-d2	2.565	65	16258	5.149	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	103.000%	
20) 2-Butanone-d5	4.626	46	140357	55.144	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.280%	
24) Chloroform-d	5.067	84	75343	4.782	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
26) 1,2-Dichloroethane-d4	5.703	65	45937	4.972	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
32) Benzene-d6	5.726	84	141428	5.070	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.400%	
36) 1,2-Dichloropropane-d6	6.694	67	50062	5.194	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.800%	
41) Toluene-d8	7.899	98	115204	4.724	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
43) trans-1,3-Dichloroprop...	8.182	79	16394	4.685	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.800%	
46) 2-Hexanone-d5	8.632	63	80839	58.302	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	116.600%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43338	5.355	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	38857	5.462	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.200%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	895	0.157	ug/L #	43
12) 1,1-Dichloroethene	2.572	96	1010	0.175	ug/L #	1
34) Trichloroethene	6.543	95	24759	3.437	ug/L	99
35) Methylcyclohexane	6.690	83	11721	1.319	ug/L #	15
37) 1,2-Dichloropropane	6.690	63	5234	0.618	ug/L #	89
47) Tetrachloroethene	8.552	164	2142	0.432	ug/L	91
49) Dibromochloromethane	8.555	129	1971	0.292	ug/L #	14
61) 1,2,3-Trichloropropane	11.812	75	4720	1.028	ug/L #	67
71) Naphthalene	14.092	128	1554	0.114	ug/L #	72

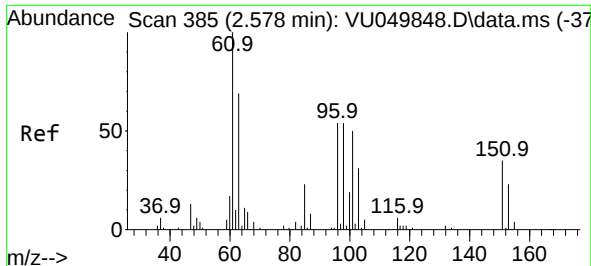
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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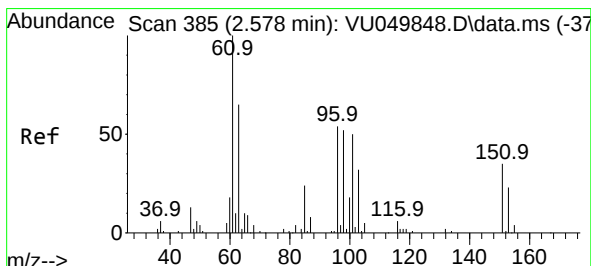
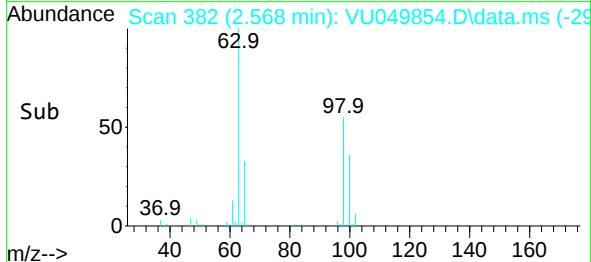
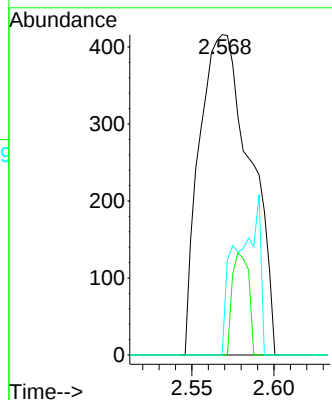
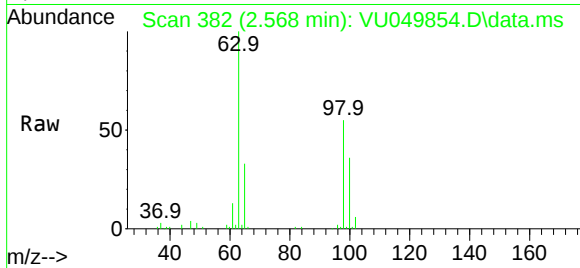




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.157 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VU049854.D
 Acq: 22 Jul 2022 16:59

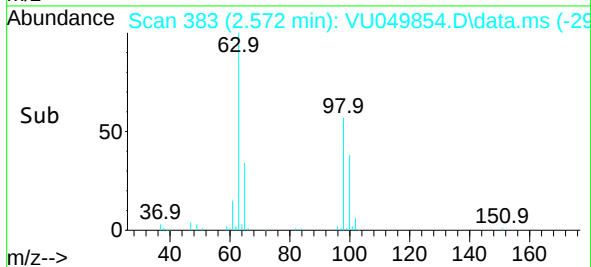
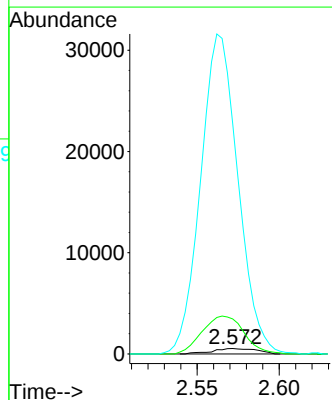
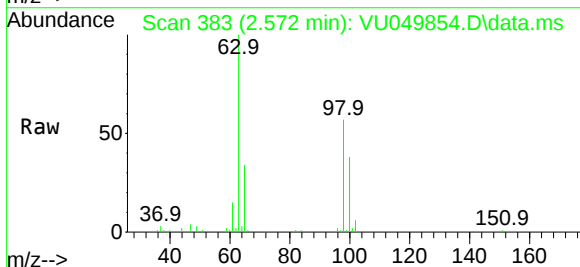
Instrument :
 MSVOA_U
 ClientSampleId :
 GBHX8

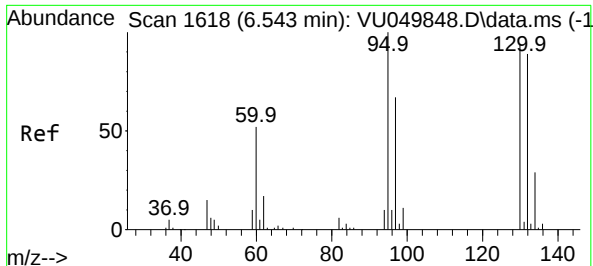
Tgt Ion:101 Resp: 895
 Ion Ratio Lower Upper
 101 100
 85 10.2 37.2 55.8#
 151 22.3 56.0 84.0#



#12
 1,1-Dichloroethene
 Concen: 0.175 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: VU049854.D
 Acq: 22 Jul 2022 16:59

Tgt Ion: 96 Resp: 1010
 Ion Ratio Lower Upper
 96 100
 61 646.9 131.6 244.4#
 63 4257.2 100.0 185.6#

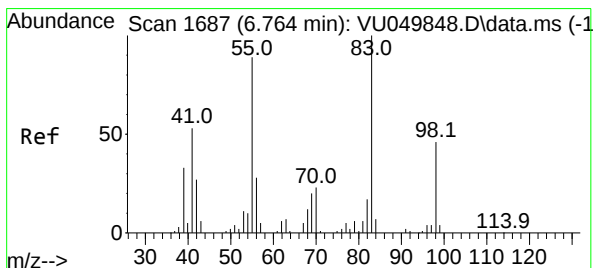
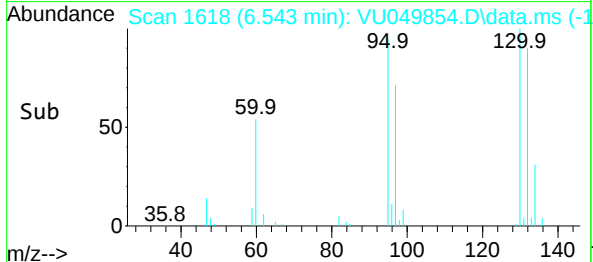
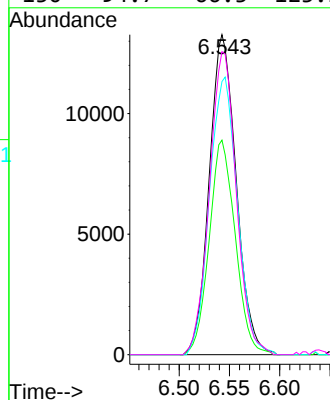
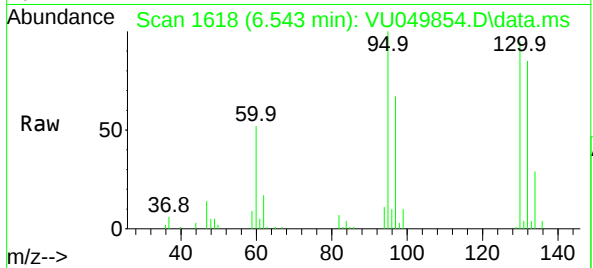




#34
Trichloroethene
Concen: 3.437 ug/L
RT: 6.543 min Scan# 1664
Delta R.T. 0.000 min
Lab File: VU049854.D
Acq: 22 Jul 2022 16:59

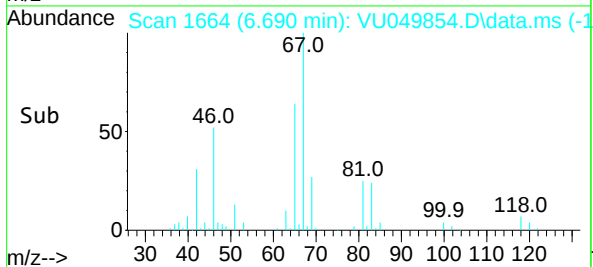
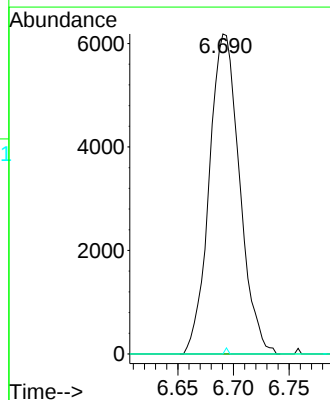
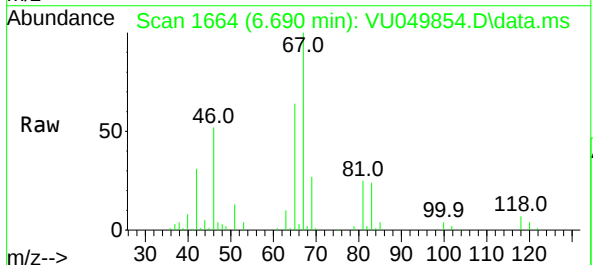
Instrument :
MSVOA_U
ClientSampleId :
GBHX8

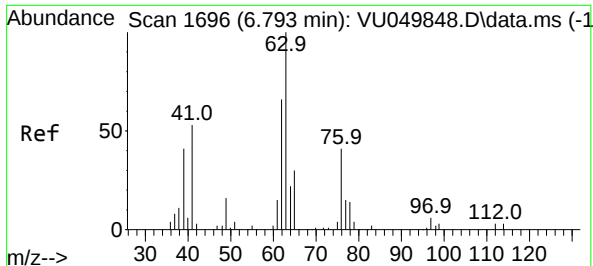
Tgt Ion: 95 Resp: 24759
Ion Ratio Lower Upper
95 100
97 67.0 46.8 86.8
132 85.3 61.8 114.8
130 94.7 66.3 123.1



#35
Methylcyclohexane
Concen: 1.319 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049854.D
Acq: 22 Jul 2022 16:59

Tgt Ion: 83 Resp: 11721
Ion Ratio Lower Upper
83 100
55 0.0 69.0 103.4#
98 0.2 36.4 54.6#





#37

1,2-Dichloropropane

Concen: 0.618 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU049854.D

Acq: 22 Jul 2022 16:59

Instrument :

MSVOA_U

ClientSampleId :

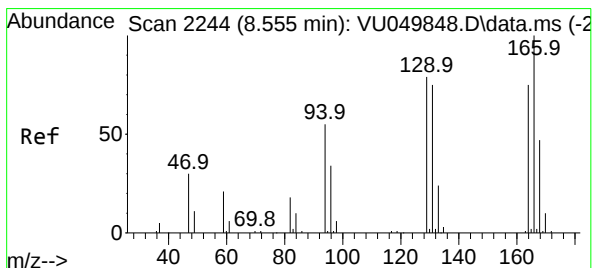
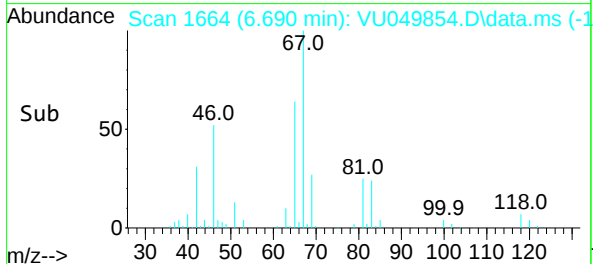
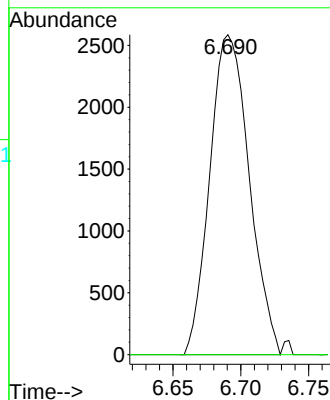
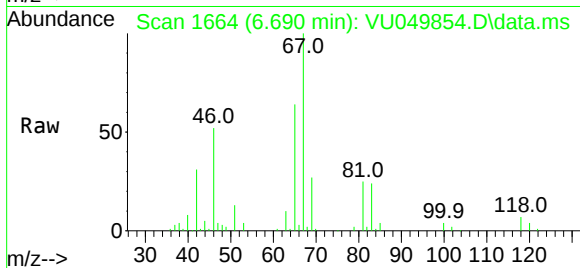
GBHX8

Tgt Ion: 63 Resp: 5234

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#47

Tetrachloroethene

Concen: 0.432 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.003 min

Lab File: VU049854.D

Acq: 22 Jul 2022 16:59

Tgt Ion: 164 Resp: 2142

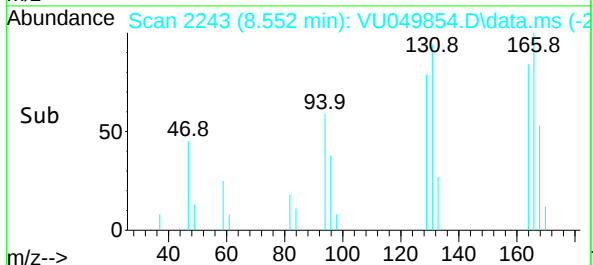
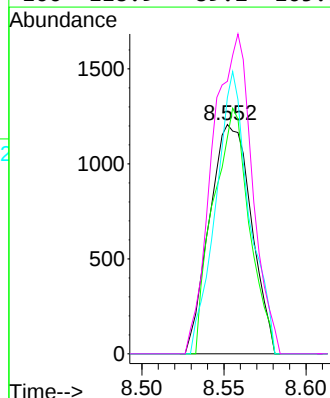
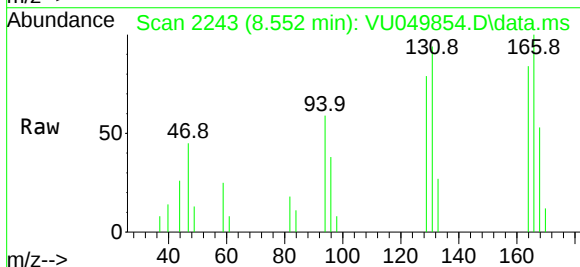
Ion Ratio Lower Upper

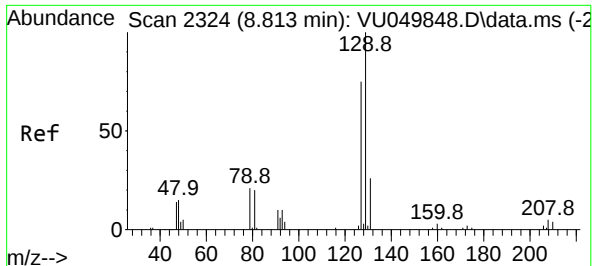
164 100

129 94.4 68.9 127.9

131 111.8 67.5 125.4

166 118.9 89.2 165.8





#49

Dibromochloromethane

Concen: 0.292 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU049854.D

Acq: 22 Jul 2022 16:59

Instrument :

MSVOA_U

ClientSampleId :

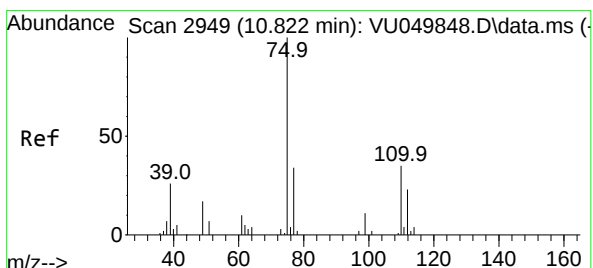
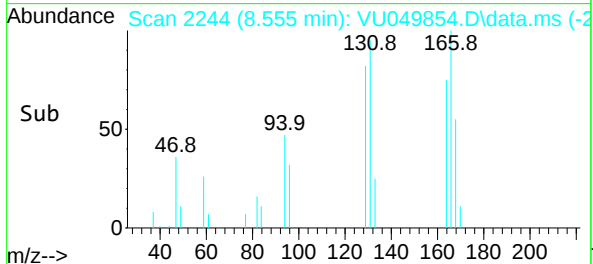
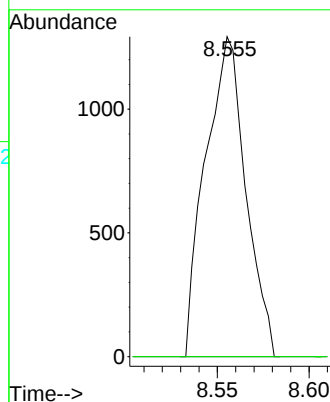
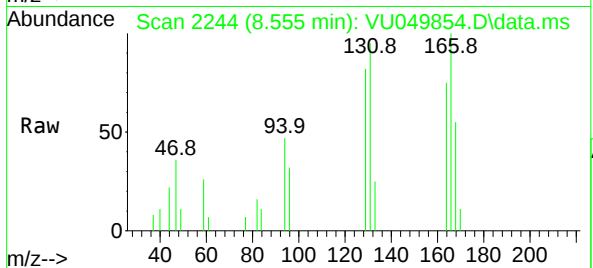
GBHX8

Tgt Ion:129 Resp: 1971

Ion Ratio Lower Upper

129 100

127 0.0 50.5 93.7#



#61

1,2,3-Trichloropropane

Concen: 1.028 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049854.D

Acq: 22 Jul 2022 16:59

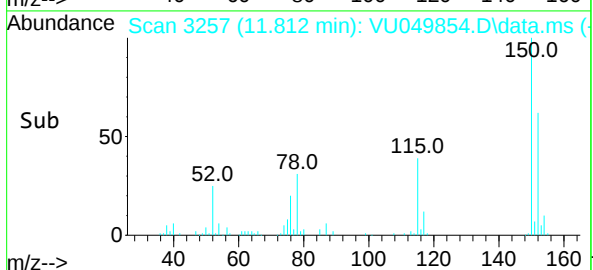
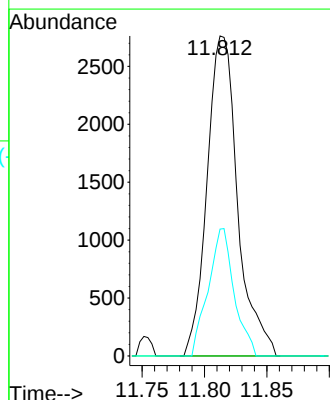
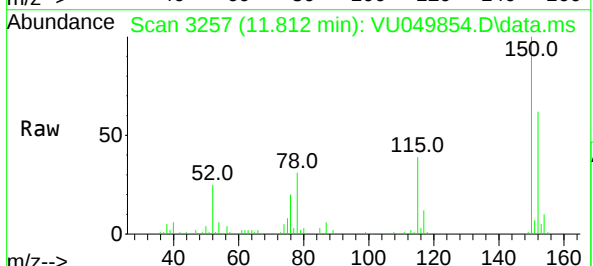
Tgt Ion: 75 Resp: 4720

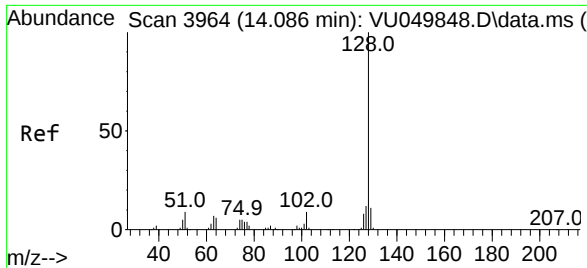
Ion Ratio Lower Upper

75 100

110 0.0 28.0 42.0#

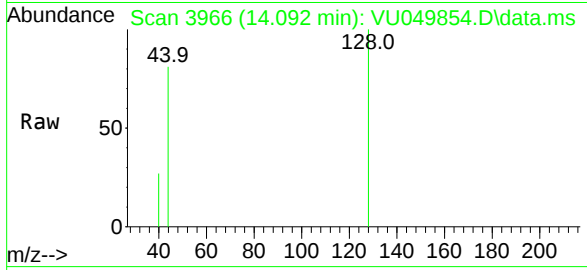
77 33.6 25.4 38.2





#71
Naphthalene
Concen: 0.114 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU049854.D
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Instrument :
MSVOA_U
ClientSampleId :
GBHX8



Tgt Ion:	128	Resp:	1554
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.2	12.4#
127	2.8	11.1	16.7#

