

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049872.D
 Acq On : 25 Jul 2022 17:16
 Operator : SY/MD
 Sample : N3802-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBHX8

Quant Time: Jul 26 05:35:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 05:33:39 2022
 Response via : Initial Calibration

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

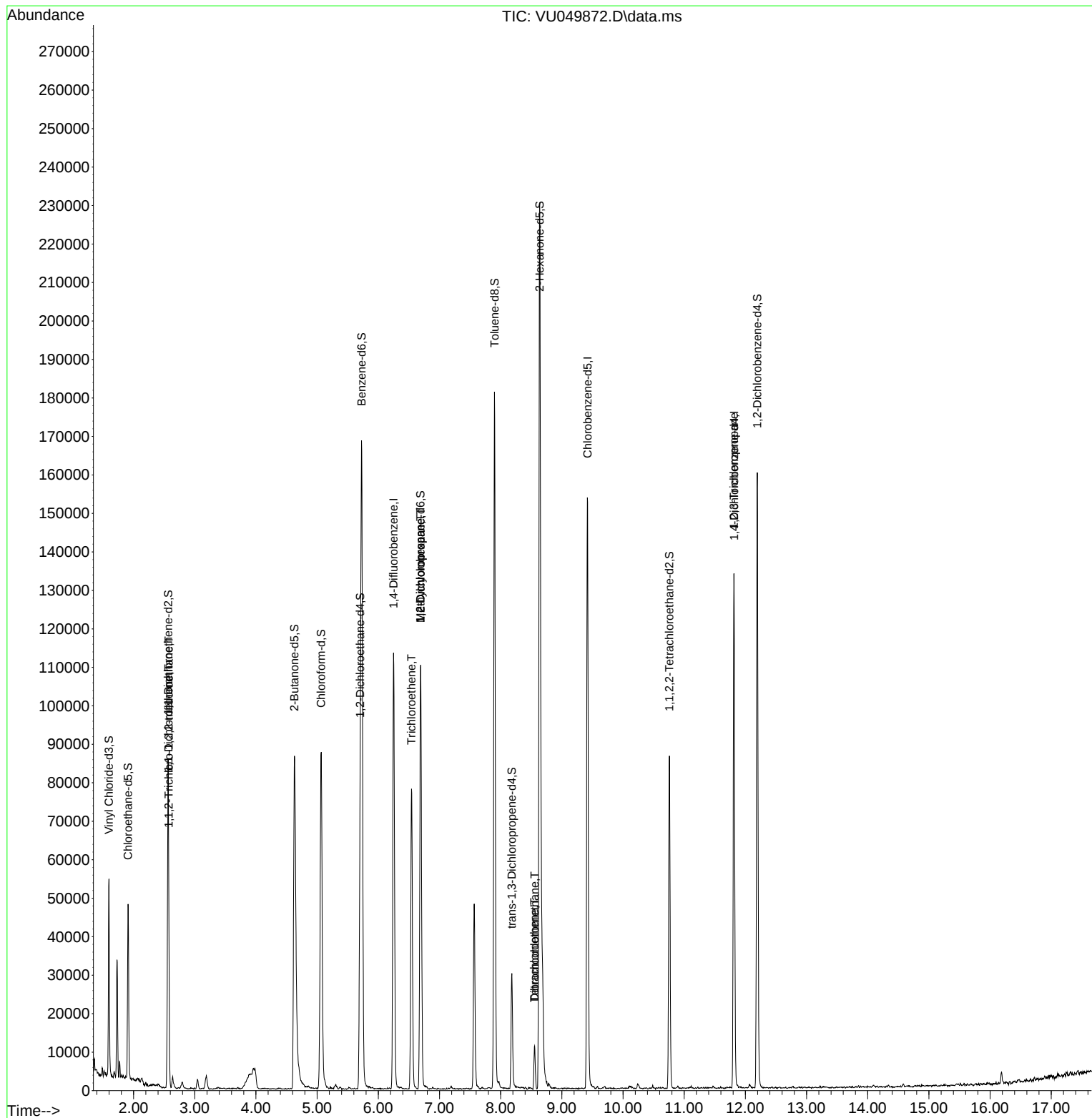
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	87485	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	81895	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	34733	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	36188	5.109	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.200%		
7) Chloroethane-d5	1.909	69	31522	5.318	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 106.400%		
11) 1,1-Dichloroethene-d2	2.565	65	15151	4.793	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 95.800%		
20) 2-Butanone-d5	4.629	46	134619	52.825	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 105.660%		
24) Chloroform-d	5.067	84	81402	5.160	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.200%		
26) 1,2-Dichloroethane-d4	5.703	65	46070	4.981	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.600%		
32) Benzene-d6	5.729	84	147977	5.303	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.000%		
36) 1,2-Dichloropropane-d6	6.690	67	52836	5.480	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 109.600%		
41) Toluene-d8	7.899	98	118973	4.877	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 97.600%		
43) trans-1,3-Dichloroprop...	8.182	79	17086	4.881	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 97.600%		
46) 2-Hexanone-d5	8.636	63	68833	49.627	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 99.260%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42213	5.214	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 104.200%		
66) 1,2-Dichlorobenzene-d4	12.195	152	40654	5.671	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 113.400%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	702	0.123	ug/L #	38
12) 1,1-Dichloroethene	2.572	96	882	0.153	ug/L #	1
34) Trichloroethene	6.542	95	26368	3.660	ug/L	98
35) Methylcyclohexane	6.690	83	11445	1.288	ug/L #	15
37) 1,2-Dichloropropane	6.690	63	5747	0.679	ug/L #	89
47) Tetrachloroethene	8.552	164	2456	0.495	ug/L	89
49) Dibromochloromethane	8.555	129	2176	0.322	ug/L #	14
61) 1,2,3-Trichloropropane	11.812	75	4264	0.921	ug/L #	64

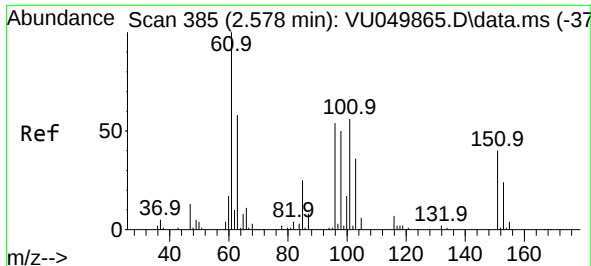
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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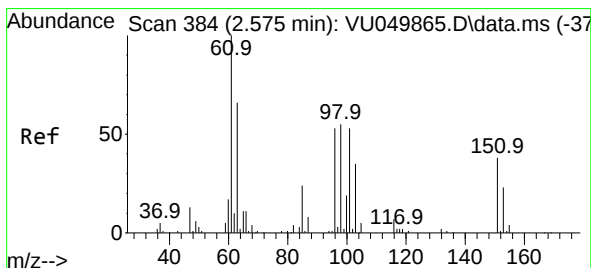
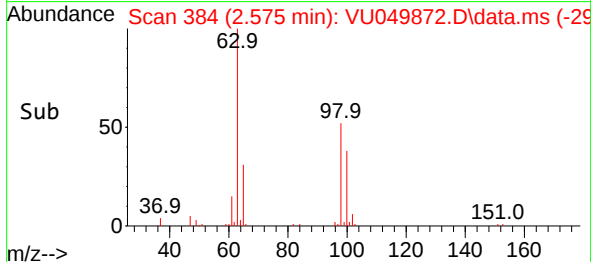
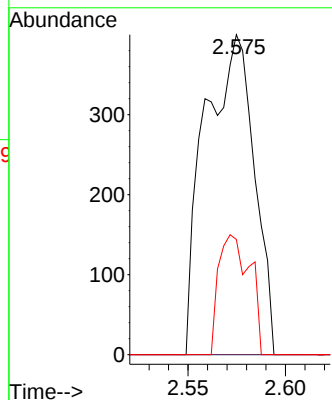
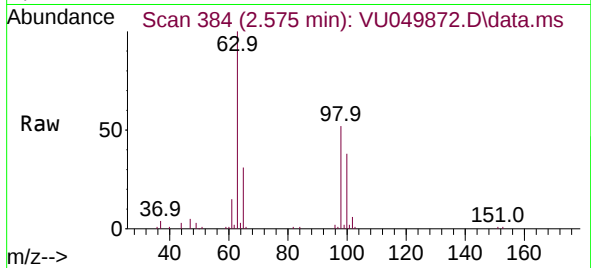




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.123 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU049872.D
 Acq: 25 Jul 2022 17:16

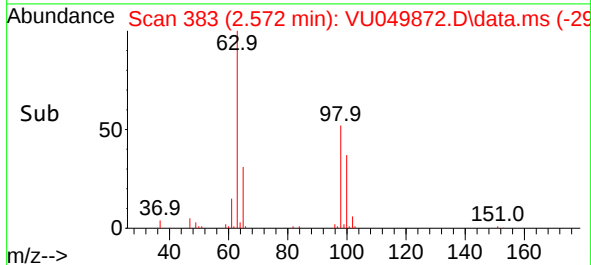
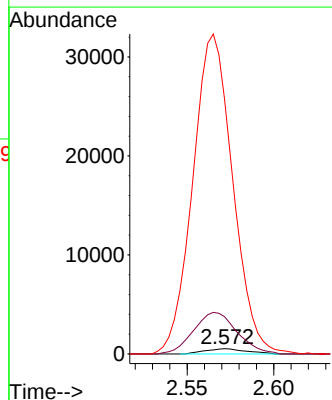
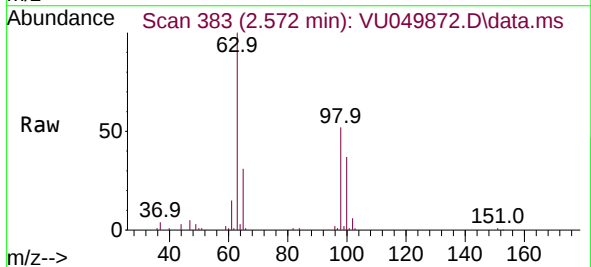
Instrument :
 MSVOA_U
 ClientSampleId :
 GBHX8

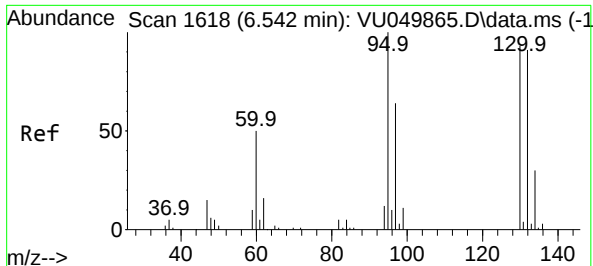
Tgt Ion:101 Resp: 702
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.2 55.8#
 151 23.6 56.0 84.0#



#12
 1,1-Dichloroethene
 Concen: 0.153 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.003 min
 Lab File: VU049872.D
 Acq: 25 Jul 2022 17:16

Tgt Ion: 96 Resp: 882
 Ion Ratio Lower Upper
 96 100
 61 696.3 131.6 244.4#
 63 4768.9 100.0 185.6#



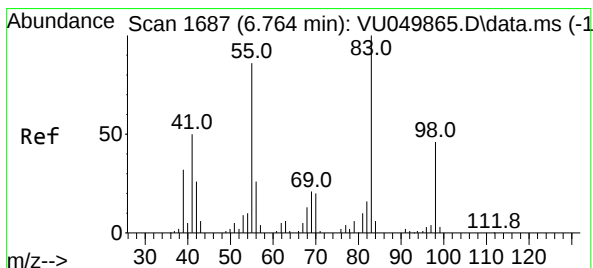
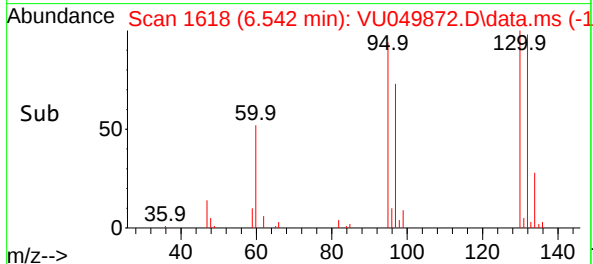
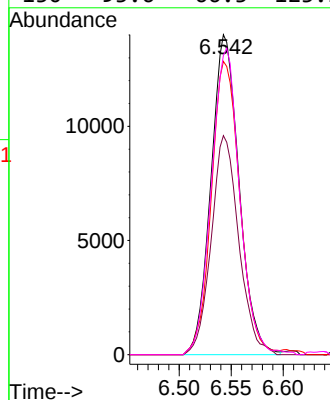
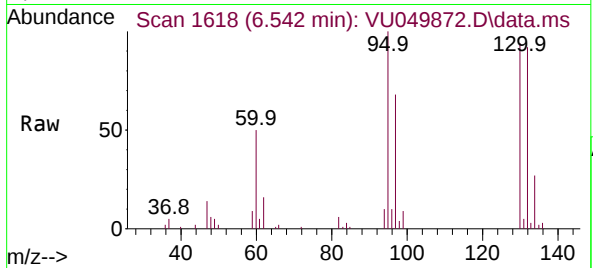


#34
Trichloroethene
Concen: 3.660 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU049872.D
Acq: 25 Jul 2022 17:16

Instrument :
MSVOA_U
ClientSampleId :
GBHX8

Tgt Ion: 95 Resp: 26368

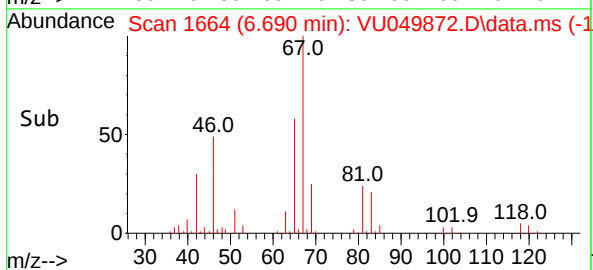
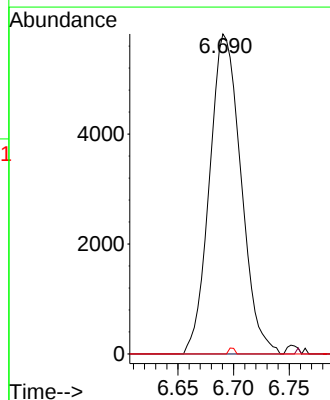
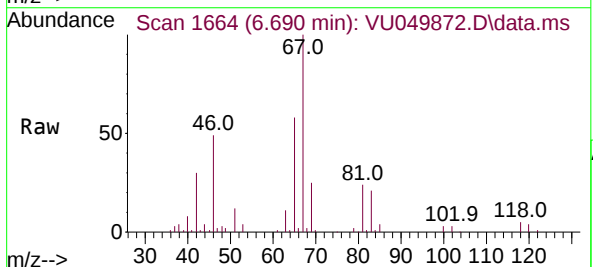
Ion	Ratio	Lower	Upper
95	100		
97	68.4	46.8	86.8
132	91.6	61.8	114.8
130	93.6	66.3	123.1

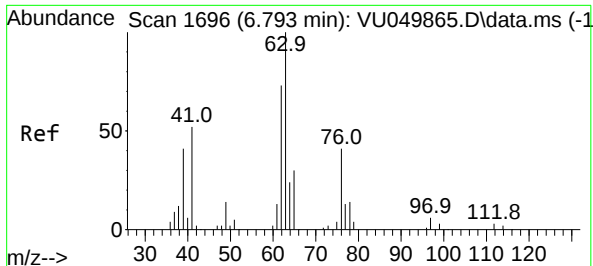


#35
Methylcyclohexane
Concen: 1.288 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049872.D
Acq: 25 Jul 2022 17:16

Tgt Ion: 83 Resp: 11445

Ion	Ratio	Lower	Upper
83	100		
55	0.2	69.0	103.4#
98	0.3	36.4	54.6#





#37

1,2-Dichloropropane

Concen: 0.679 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU049872.D

Acq: 25 Jul 2022 17:16

Instrument :

MSVOA_U

ClientSampleId :

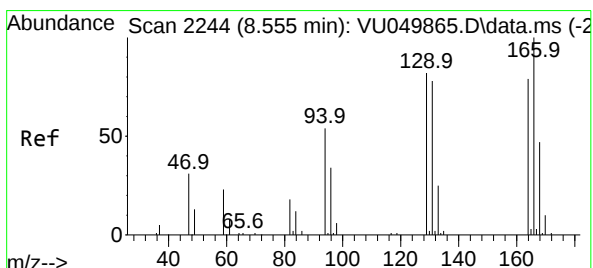
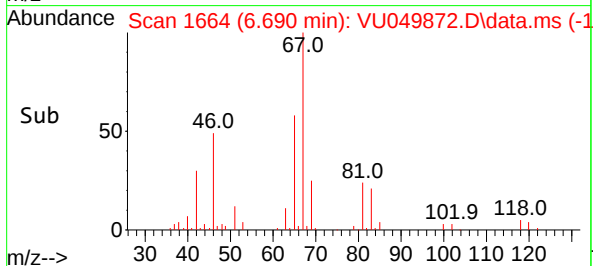
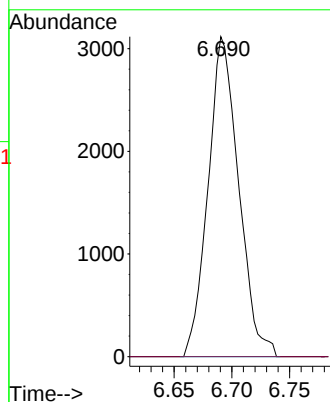
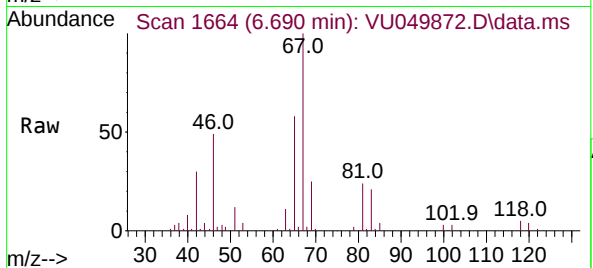
GBHX8

Tgt Ion: 63 Resp: 5747

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#47

Tetrachloroethene

Concen: 0.495 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.003 min

Lab File: VU049872.D

Acq: 25 Jul 2022 17:16

Tgt Ion: 164 Resp: 2456

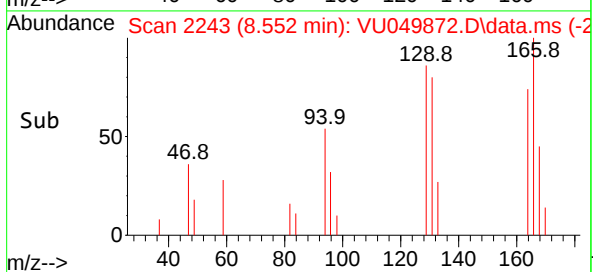
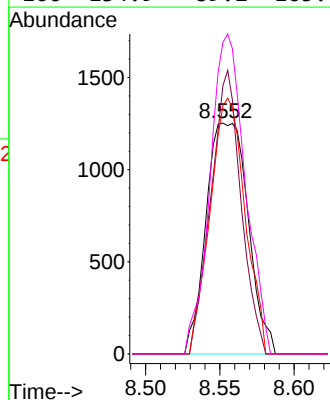
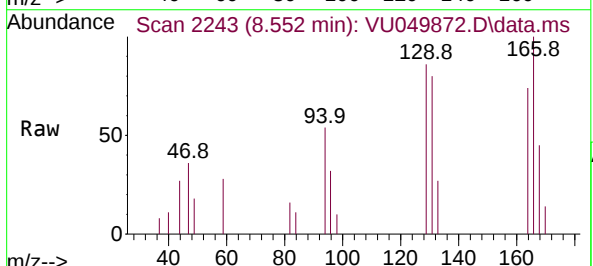
Ion Ratio Lower Upper

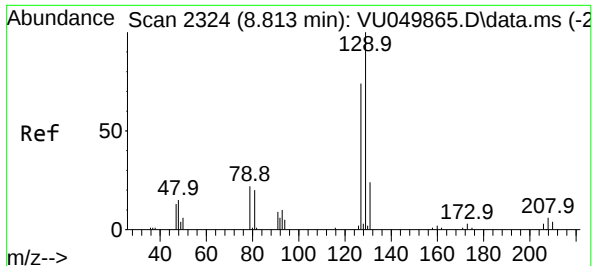
164 100

129 116.2 68.9 127.9

131 107.4 67.5 125.4

166 134.9 89.2 165.8





#49

Dibromochloromethane

Concen: 0.322 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU049872.D

Acq: 25 Jul 2022 17:16

Instrument :

MSVOA_U

ClientSampleId :

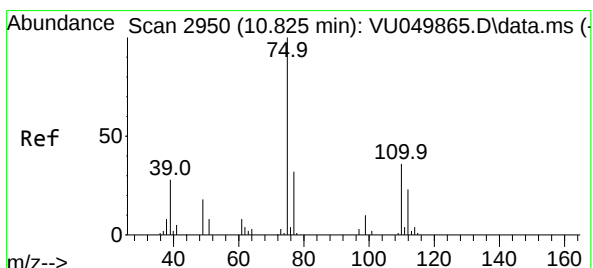
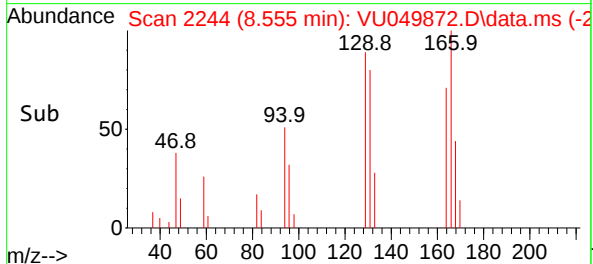
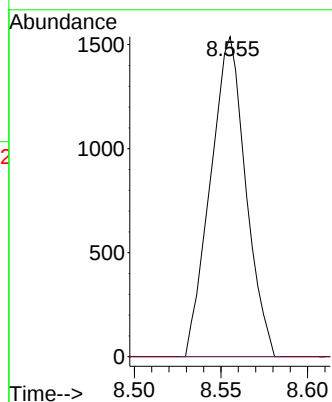
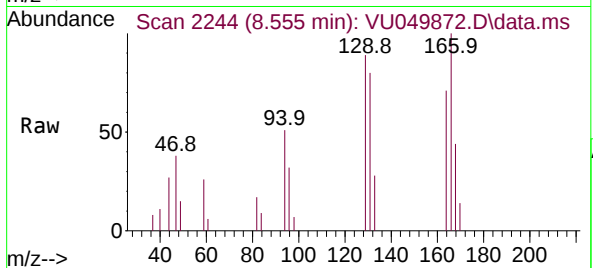
GBHX8

Tgt Ion:129 Resp: 2176

Ion Ratio Lower Upper

129 100

127 0.0 50.5 93.7#



#61

1,2,3-Trichloropropane

Concen: 0.921 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU049872.D

Acq: 25 Jul 2022 17:16

Tgt Ion: 75 Resp: 4264

Ion Ratio Lower Upper

75 100

110 0.0 28.0 42.0#

77 36.7 25.4 38.2

