

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092222\
 Data File : VU050902.D
 Acq On : 22 Sep 2022 16:51
 Operator : JC/MD
 Sample : N4650-21DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ38DL

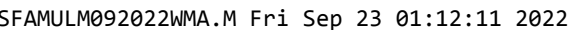
Quant Time: Sep 23 01:12:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 23 01:08:30 2022
 Response via : Initial Calibration

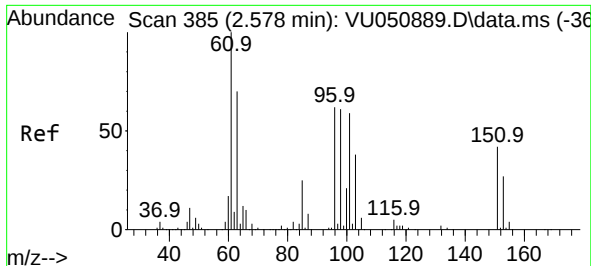
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	450980	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	433695	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	172756	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	143107	30.628	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	61.260%		
7) Chloroethane-d5	1.887	69	103387	31.069	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	62.140%#		
11) 1,1-Dichloroethene-d2	2.555	63	199112	27.387	ug/L	-0.01
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.780%#		
21) 2-Butanone-d5	4.620	46	322471	106.901	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.900%		
24) Chloroform-d	5.060	84	314235	42.914	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.820%		
26) 1,2-Dichloroethane-d4	5.700	65	206098	45.672	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.340%		
32) Benzene-d6	5.722	84	596123	41.730	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.460%		
36) 1,2-Dichloropropane-d6	6.687	67	212934	44.160	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.320%		
41) Toluene-d8	7.896	98	470046	37.643	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.280%#		
43) trans-1,3-Dichloroprop...	8.179	79	83575	39.842	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.680%		
47) 2-Hexanone-d5	8.636	63	206020	103.680	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.680%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	350100	47.624	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.240%		
66) 1,2-Dichlorobenzene-d4	12.192	152	177150	48.976	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.960%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.555	101	2068	0.560	ug/L #	22
12) 1,1-Dichloroethene	2.568	96	13011	3.753	ug/L #	1
16) Methylene chloride	3.041	84	6826	1.418	ug/L	94
19) 1,1-Dichloroethane	3.864	63	32874	4.578	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	18818	4.776	ug/L	99
30) 1,1,1-Trichloroethane	5.311	97	57403	9.949	ug/L	100
34) Trichloroethene	6.539	95	11958	3.225	ug/L	91
46) Tetrachloroethene	8.552	164	5076	1.905	ug/L	96
49) Dibromochloromethane	8.552	129	4931	1.249	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	21338	4.391	ug/L #	70

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

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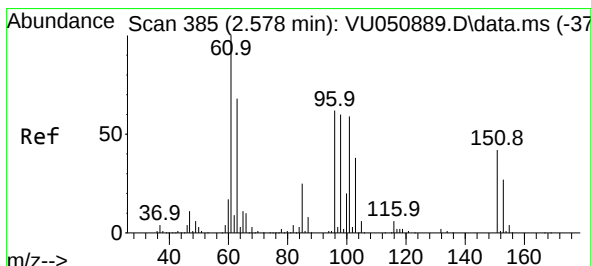
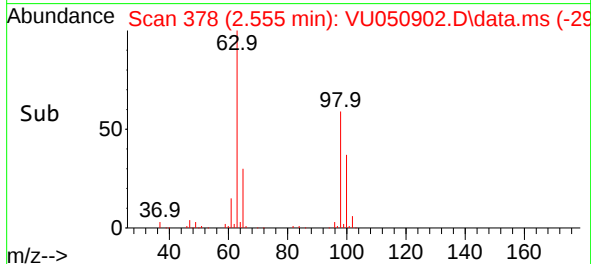
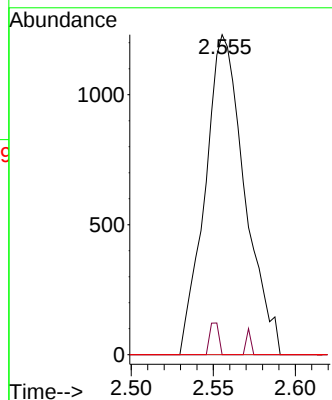
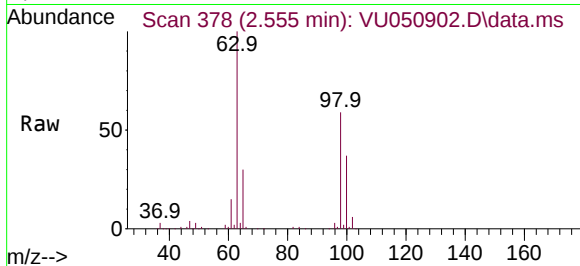




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.560 ug/L
RT: 2.555 min Scan# 31
Delta R.T. -0.023 min
Lab File: VU050902.D
Acq: 22 Sep 2022 16:51

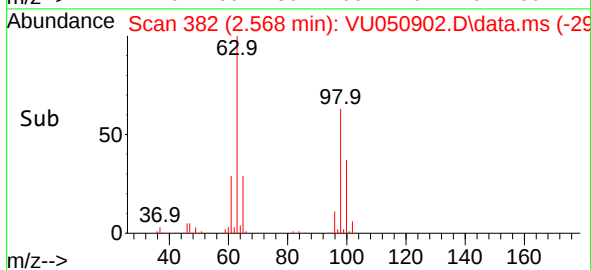
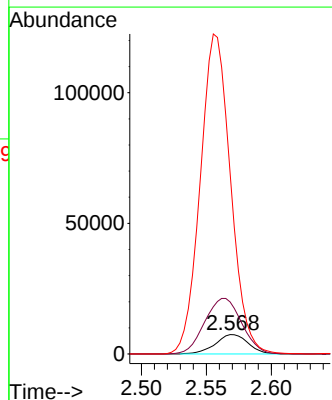
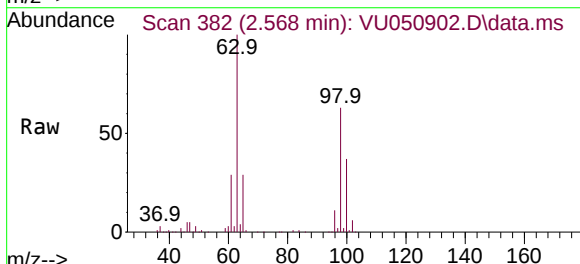
Instrument :
MSVOA_U
ClientSampleId :
EXZ38DL

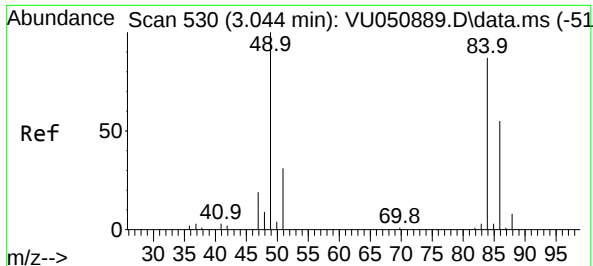
Tgt Ion:101 Resp: 2068
Ion Ratio Lower Upper
101 100
85 2.3 35.1 52.7#
151 0.0 56.6 84.8#



#12
1,1-Dichloroethene
Concen: 3.753 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU050902.D
Acq: 22 Sep 2022 16:51

Tgt Ion: 96 Resp: 13011
Ion Ratio Lower Upper
96 100
61 268.1 118.6 220.2#
63 932.7 90.4 168.0#

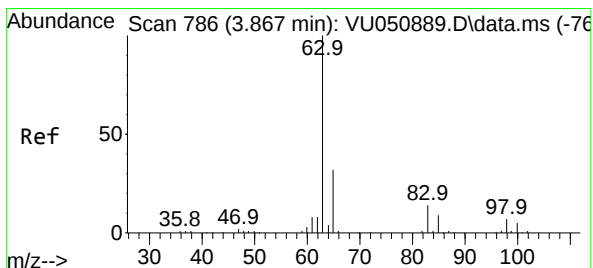
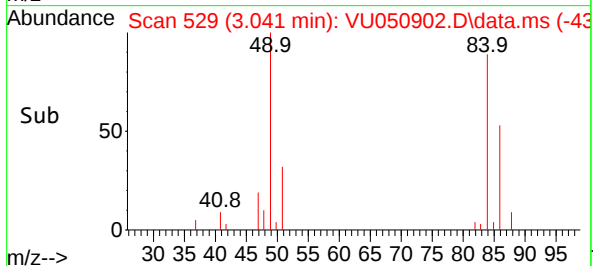
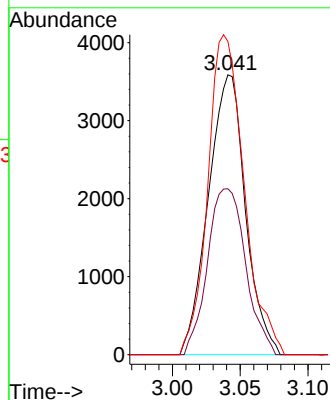
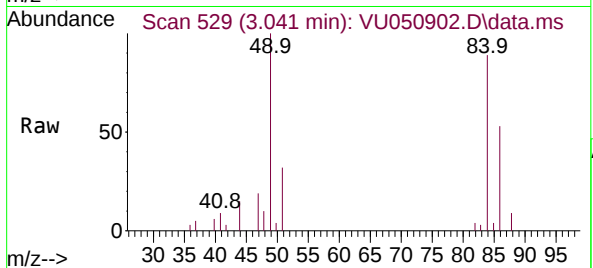




#16
Methylene chloride
Concen: 1.418 ug/L
RT: 3.041 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050902.D
Acq: 22 Sep 2022 16:51

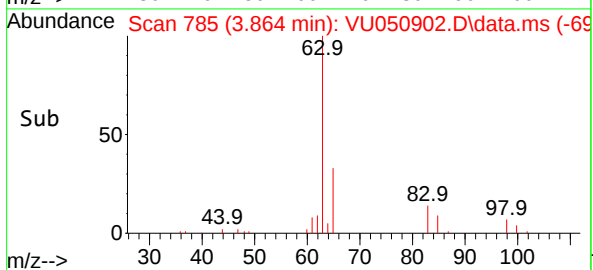
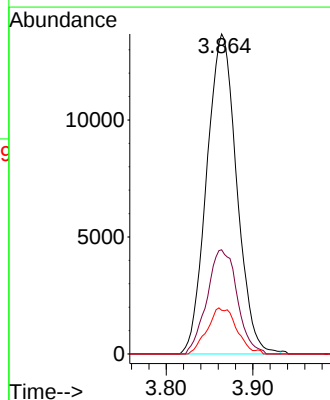
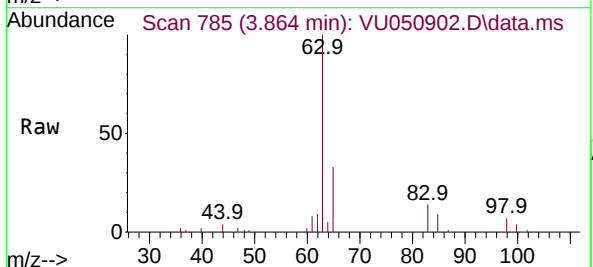
Instrument :
MSVOA_U
ClientSampleId :
EXZ38DL

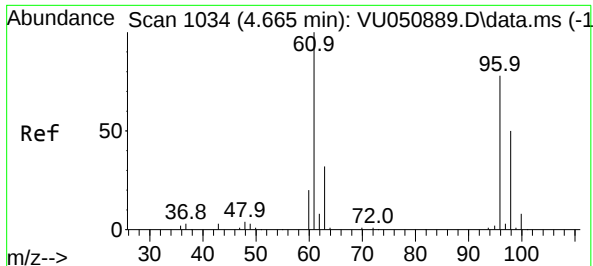
Tgt Ion: 84 Resp: 6826
Ion Ratio Lower Upper
84 100
86 59.3 44.4 82.5
49 111.9 83.3 154.7



#19
1,1-Dichloroethane
Concen: 4.578 ug/L
RT: 3.864 min Scan# 785
Delta R.T. -0.003 min
Lab File: VU050902.D
Acq: 22 Sep 2022 16:51

Tgt Ion: 63 Resp: 32874
Ion Ratio Lower Upper
63 100
65 32.6 21.5 39.9
83 13.6 9.3 17.3

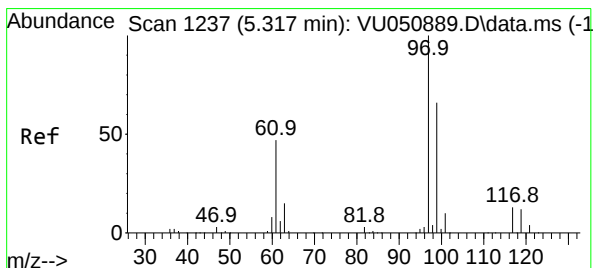
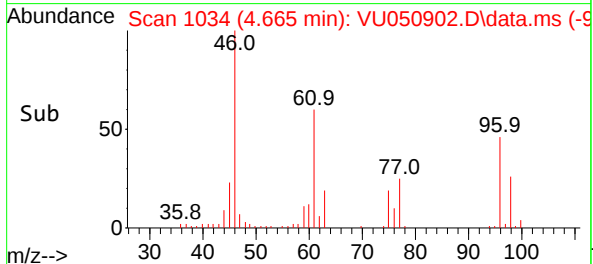
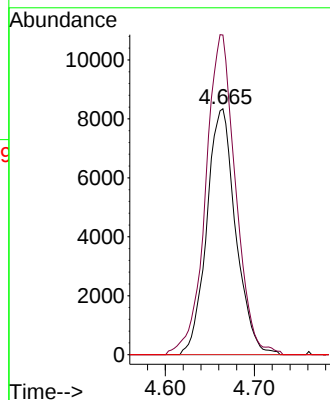
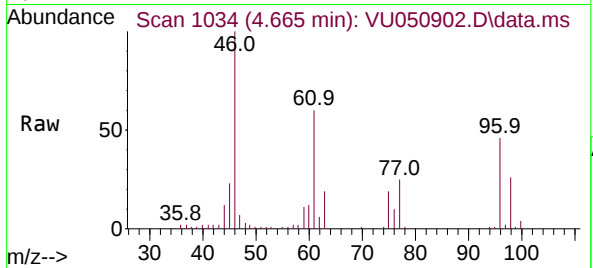




#20
 cis-1,2-Dichloroethene
 Concen: 4.776 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU050902.D
 Acq: 22 Sep 2022 16:51

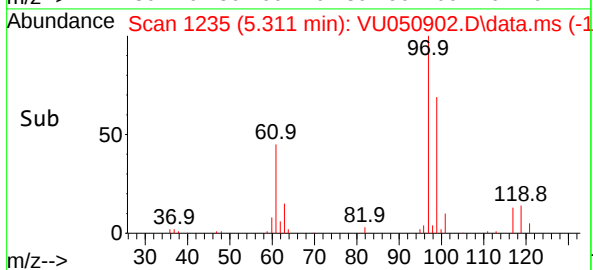
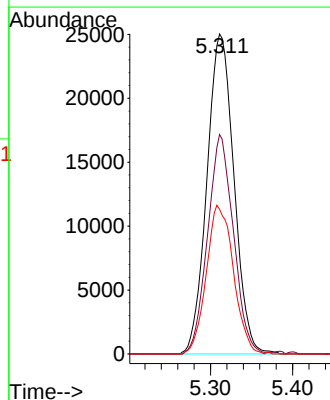
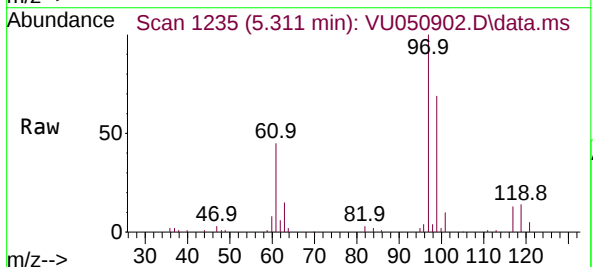
Instrument :
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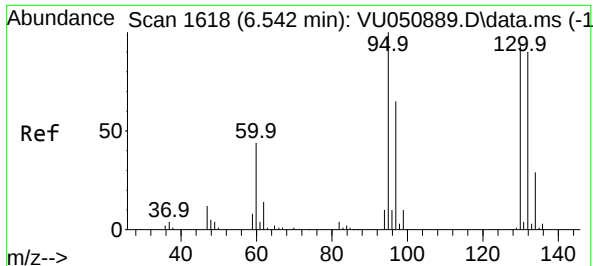
Tgt Ion: 96 Resp: 18818
 Ion Ratio Lower Upper
 96 100
 61 130.0 90.1 167.3
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 9.949 ug/L
 RT: 5.311 min Scan# 1235
 Delta R.T. -0.006 min
 Lab File: VU050902.D
 Acq: 22 Sep 2022 16:51

Tgt Ion: 97 Resp: 57403
 Ion Ratio Lower Upper
 97 100
 99 65.4 52.2 78.2
 61 46.5 37.1 55.7





#34

Trichloroethene

Concen: 3.225 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU050902.D

Acq: 22 Sep 2022 16:51

Instrument :

MSVOA_U

ClientSampleId :

EXZ38DL

Tgt Ion: 95 Resp: 11958

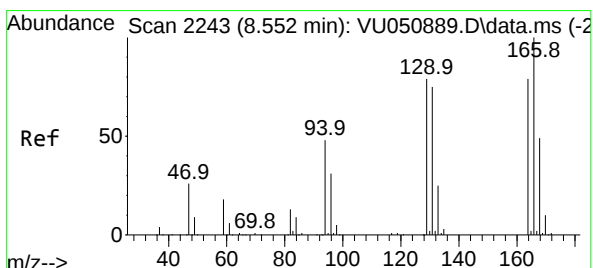
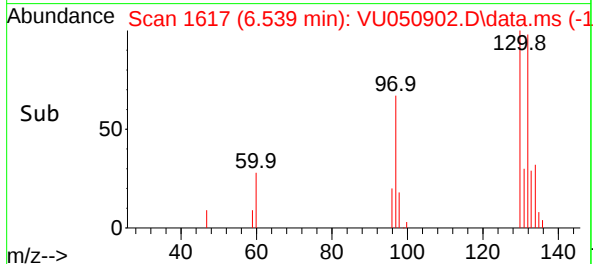
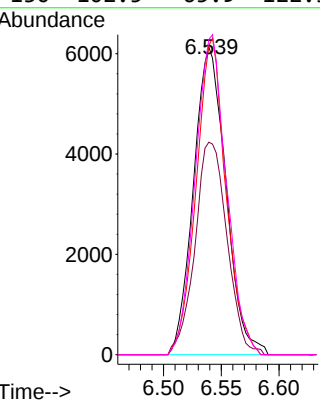
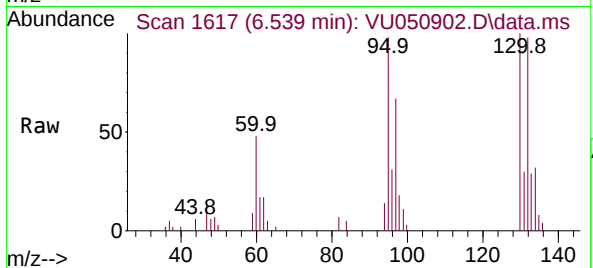
Ion Ratio Lower Upper

95 100

97 69.1 43.9 81.5

132 100.5 63.1 117.1

130 102.5 65.9 122.3



#46

Tetrachloroethene

Concen: 1.905 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU050902.D

Acq: 22 Sep 2022 16:51

Tgt Ion:164 Resp: 5076

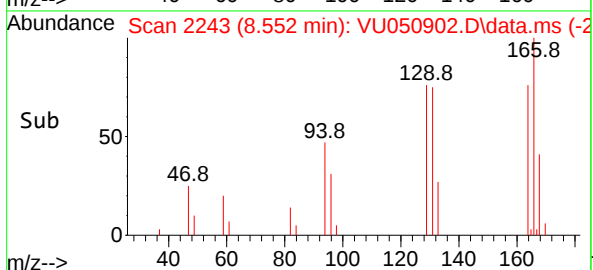
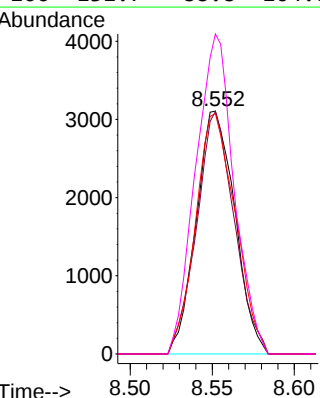
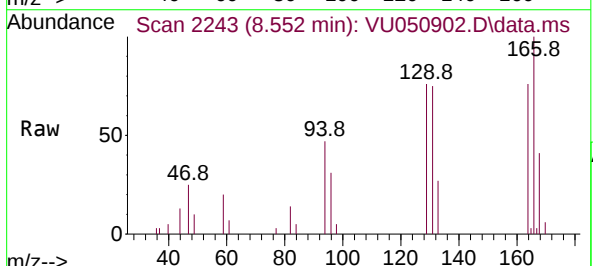
Ion Ratio Lower Upper

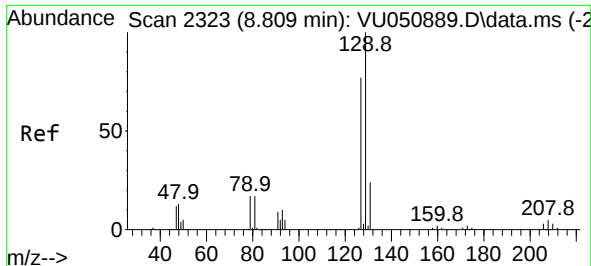
164 100

129 99.9 68.5 127.3

131 99.0 66.1 122.7

166 131.7 88.8 164.8





#49

Dibromochloromethane

Concen: 1.249 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU050902.D

Acq: 22 Sep 2022 16:51

Instrument :

MSVOA_U

ClientSampleId :

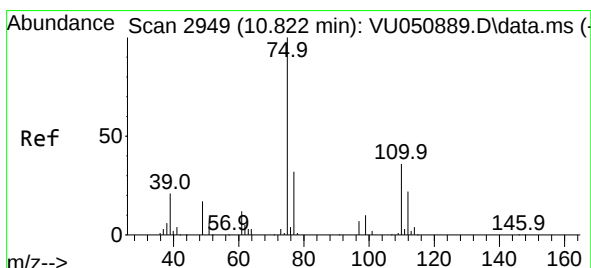
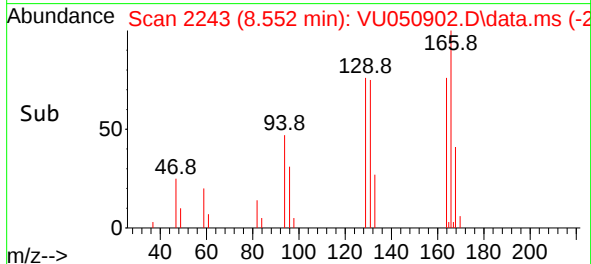
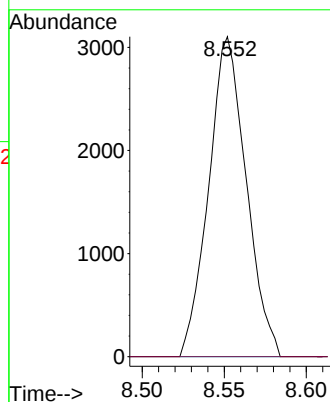
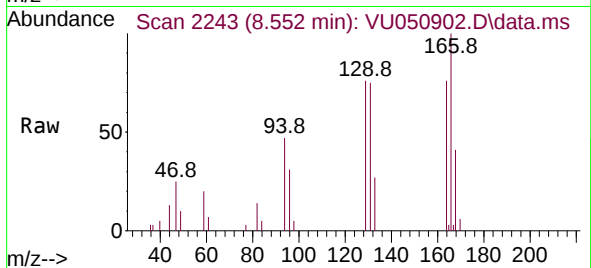
EXZ38DL

Tgt Ion:129 Resp: 4931

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#60

1,2,3-Trichloropropane

Concen: 4.391 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU050902.D

Acq: 22 Sep 2022 16:51

Tgt Ion: 75 Resp: 21338

Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.4

110 2.1 28.6 43.0#

