

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
 Data File : VU051097.D
 Acq On : 03 Oct 2022 20:58
 Operator : JC/MD
 Sample : N4880-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGS2

Quant Time: Oct 03 23:34:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

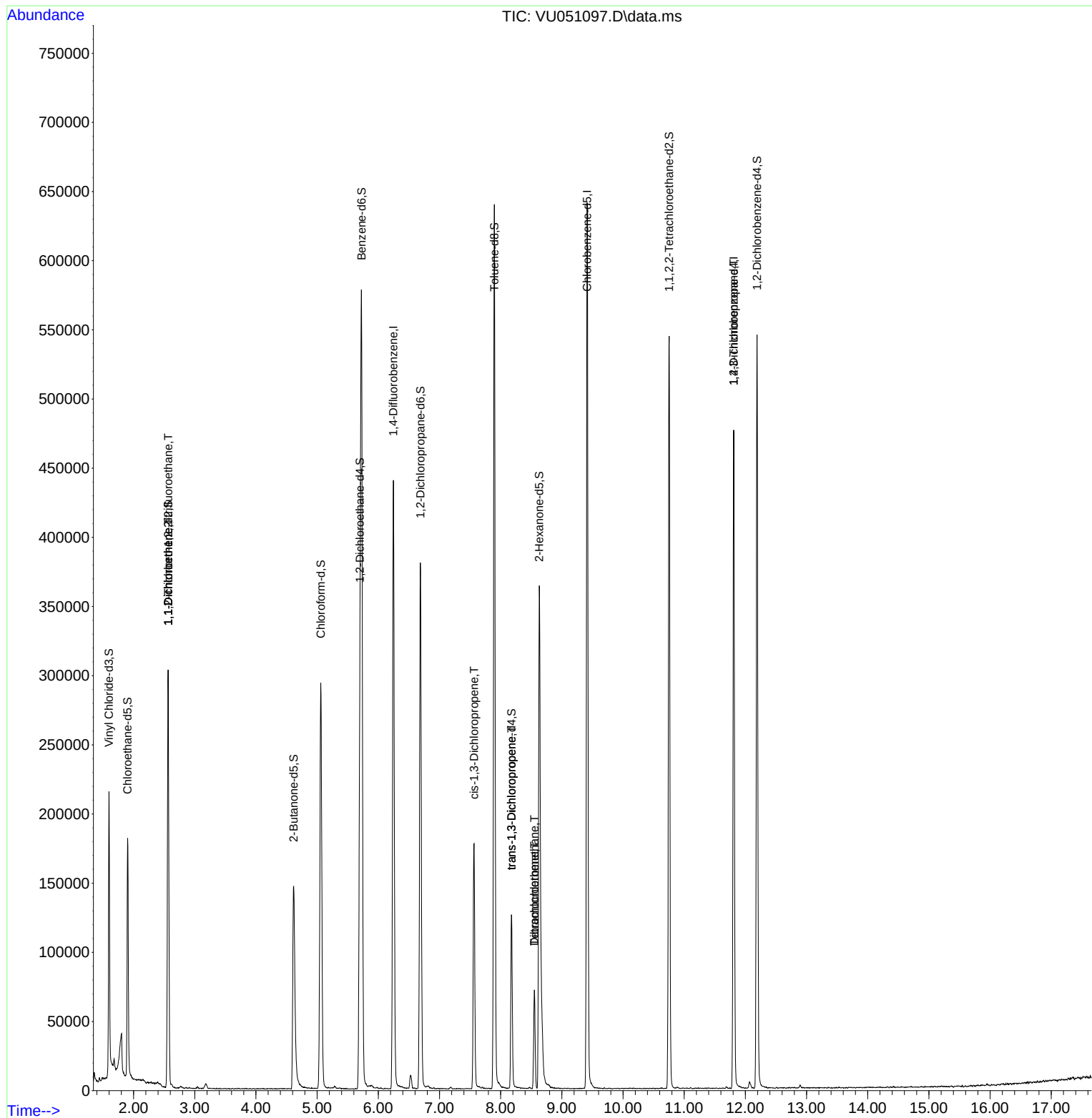
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	344252	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	357741	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	125586	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	148015	42.426	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	84.860%	
7) Chloroethane-d5	1.903	69	131516	40.581	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	81.160%	
11) 1,1-Dichloroethene-d2	2.565	63	180193	34.965	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	69.920%	
21) 2-Butanone-d5	4.617	46	210426	92.994	ug/L	-0.01
Spiked Amount	100.000	Range 40 - 130	Recovery	=	92.990%	
24) Chloroform-d	5.060	84	276340	49.163	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.320%	
26) 1,2-Dichloroethane-d4	5.700	65	176989	50.871	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.740%	
32) Benzene-d6	5.726	84	541760	51.714	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.420%	
36) 1,2-Dichloropropane-d6	6.687	67	187261	55.087	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	110.180%	
41) Toluene-d8	7.896	98	426367	44.051	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	88.100%	
43) trans-1,3-Dichloroprop...	8.176	79	71051	43.821	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	87.640%	
47) 2-Hexanone-d5	8.629	63	103351	75.295	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	75.300%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	280156	47.156	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	94.320%	
66) 1,2-Dichlorobenzene-d4	12.192	152	147293	54.901	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	109.800%	
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1740	0.662	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1390	0.566	ug/L #	1
39) cis-1,3-Dichloropropene	7.565	75	4510	1.084	ug/L #	75
44) trans-1,3-Dichloropropene	8.176	75	3025	0.719	ug/L #	79
46) Tetrachloroethene	8.552	164	16668	7.786	ug/L	93
49) Dibromochloromethane	8.552	129	15409	4.607	ug/L #	12
60) 1,2,3-Trichloropropane	11.809	75	15248	4.614	ug/L #	67

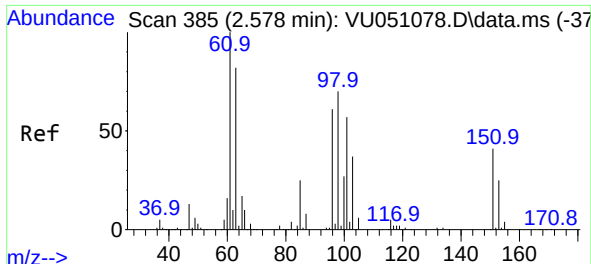
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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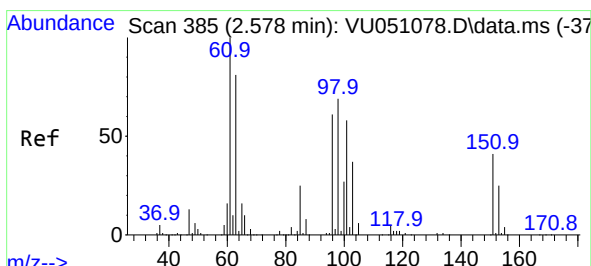
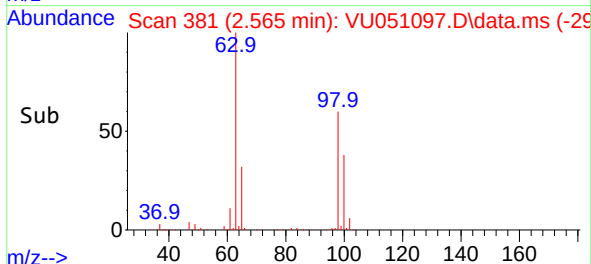
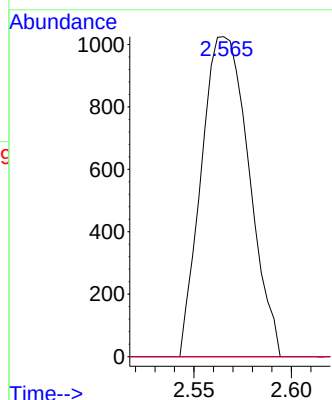
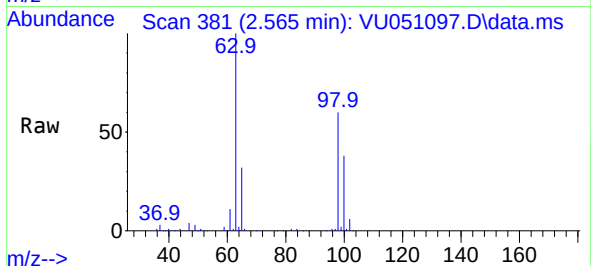




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.662 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051097.D
Acq: 03 Oct 2022 20:58

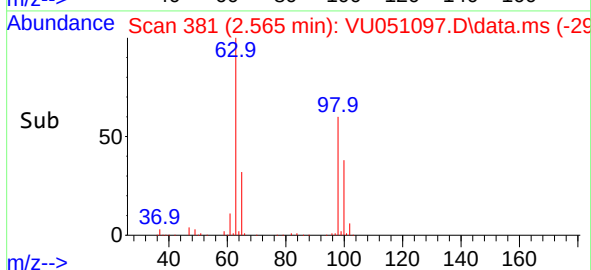
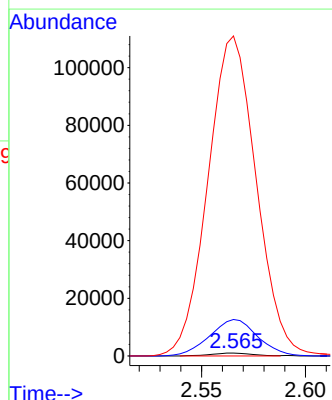
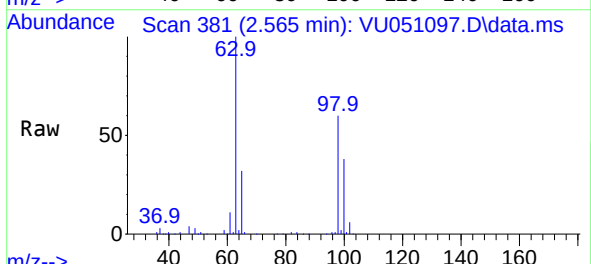
Instrument :
MSVOA_U
ClientSampleId :
BGS2

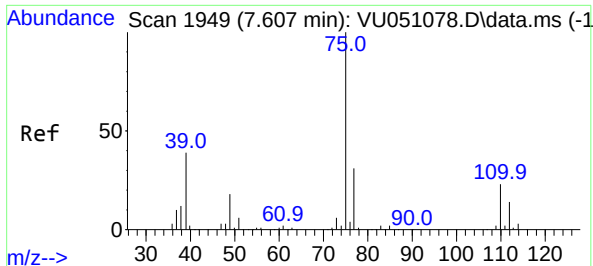
Tgt Ion:101 Resp: 1740
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.566 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051097.D
Acq: 03 Oct 2022 20:58

Tgt Ion: 96 Resp: 1390
Ion Ratio Lower Upper
96 100
61 1233.1 113.0 209.9#
63 10829.3 91.7 170.3#





#39

cis-1,3-Dichloropropene

Concen: 1.084 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.038 min

Lab File: VU051097.D

Acq: 03 Oct 2022 20:58

Instrument :

MSVOA_U

ClientSampleId :

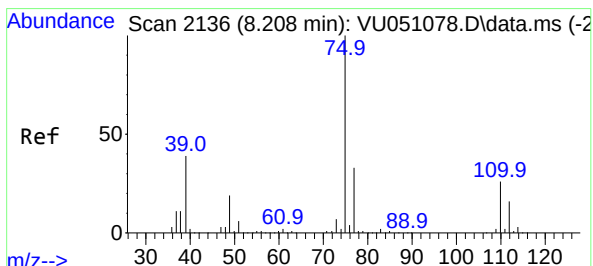
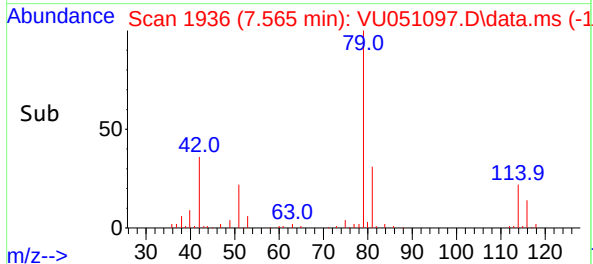
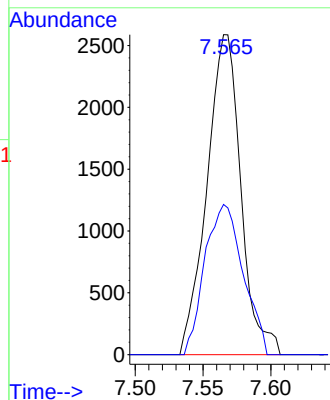
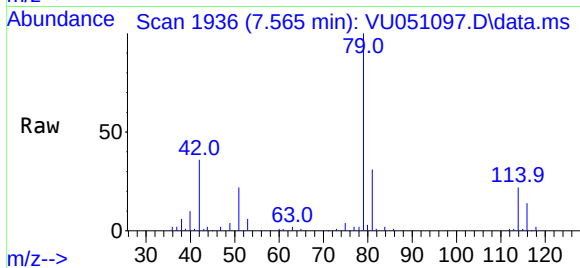
BGS2

Tgt Ion: 75 Resp: 4510

Ion Ratio Lower Upper

75 100

77 45.1 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.719 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.032 min

Lab File: VU051097.D

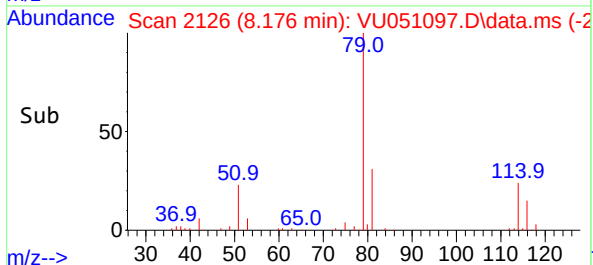
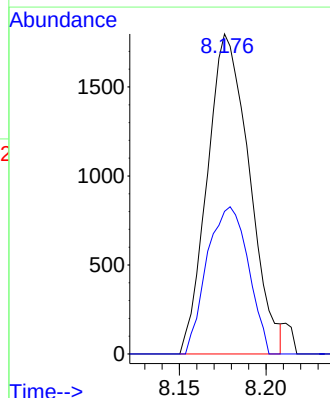
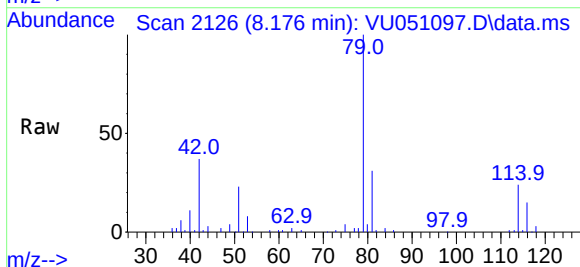
Acq: 03 Oct 2022 20:58

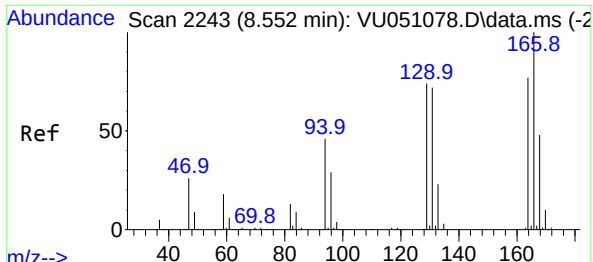
Tgt Ion: 75 Resp: 3025

Ion Ratio Lower Upper

75 100

77 44.5 22.7 42.3#

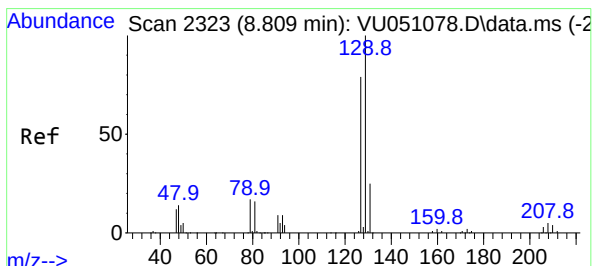
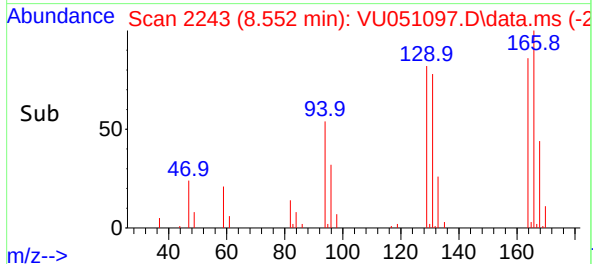
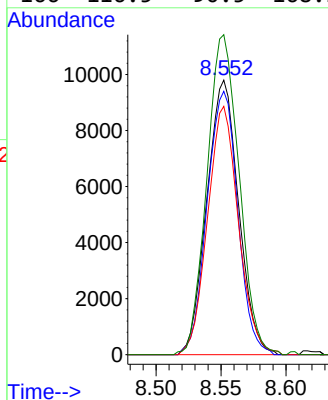
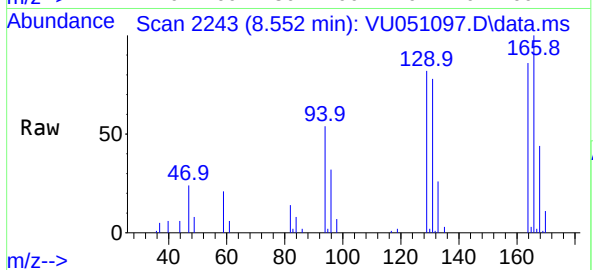




#46
Tetrachloroethene
Concen: 7.786 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051097.D
Acq: 03 Oct 2022 20:58

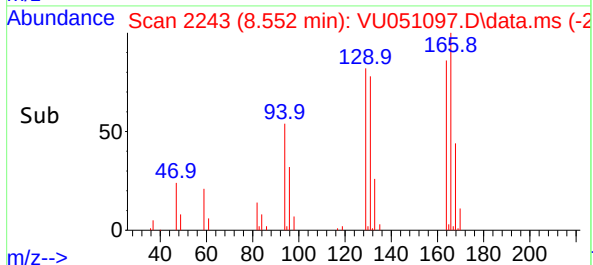
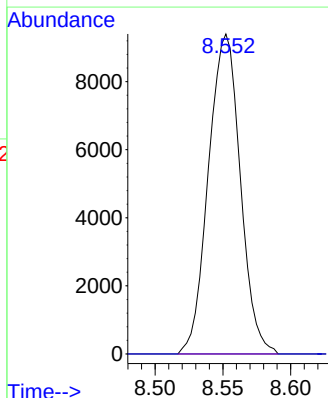
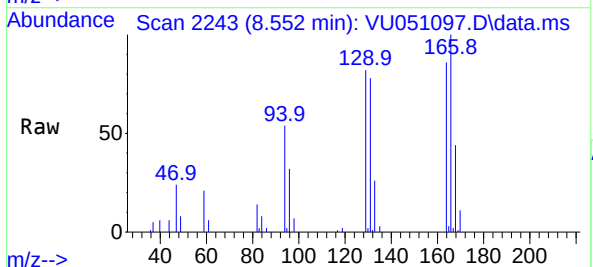
Instrument :
MSVOA_U
ClientSampleId :
BGS2

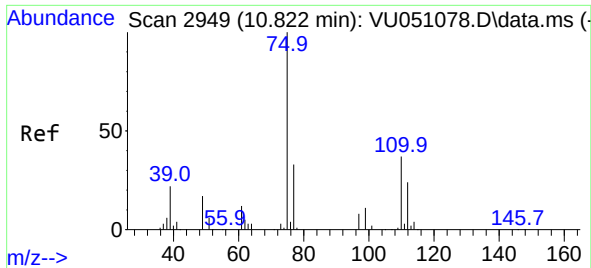
Tgt Ion:164 Resp: 16668
Ion Ratio Lower Upper
164 100
129 95.9 68.1 126.5
131 90.4 67.8 126.0
166 116.5 90.5 168.1



#49
Dibromochloromethane
Concen: 4.607 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.254 min
Lab File: VU051097.D
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Tgt Ion:129 Resp: 15409
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.0#





#60
1,2,3-Trichloropropane
Concen: 4.614 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU051097.D
Acq: 03 Oct 2022 20:58

Instrument :
MSVOA_U
ClientSampleId :
BGS2

Tgt Ion: 75 Resp: 15248
Ion Ratio Lower Upper
75 100
77 31.1 26.1 39.1
110 1.5 30.0 45.0#

