

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111422\
 Data File : VU051834.D
 Acq On : 14 Nov 2022 15:02
 Operator : JC/MD
 Sample : N5593-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

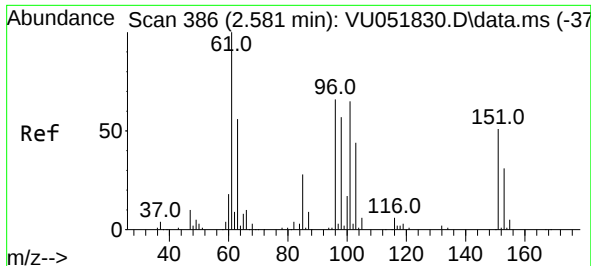
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 03:03:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 03:00:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	188085	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	196660	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70359	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	58644	4.140	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.800%	
7) Chloroethane-d5	1.912	69	60528	4.097	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.000%	
11) 1,1-Dichloroethene-d2	2.565	65	25672	4.993	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.800%	
20) 2-Butanone-d5	4.620	46	180547	35.193	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	70.380%	
24) Chloroform-d	5.060	84	139788	4.217	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
26) 1,2-Dichloroethane-d4	5.700	65	73099	4.082	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.600%	
32) Benzene-d6	5.726	84	269006	4.335	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
36) 1,2-Dichloropropane-d6	6.687	67	92682	4.271	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.400%	
41) Toluene-d8	7.896	98	204809	4.197	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.000%	
43) trans-1,3-Dichloroprop...	8.179	79	21574	3.251	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	65.000%	
46) 2-Hexanone-d5	8.629	63	136813	34.251	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	68.500%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	84535	4.251	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	75384	5.837	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	116.800%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	693	0.043	ug/L #	19
12) 1,1-Dichloroethene	2.581	96	15828	0.968	ug/L #	30
19) 1,1-Dichloroethane	3.874	63	11003	0.340	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	19644	1.012	ug/L	95
29) 1,1,1-Trichloroethane	5.317	97	1411	0.053	ug/L #	84
34) Trichloroethene	6.539	95	118185	6.310	ug/L	97
35) Methylcyclohexane	6.687	83	21235	0.820	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	9297	0.466	ug/L #	88
47) Tetrachloroethene	8.552	164	256616	17.890	ug/L	94
49) Dibromochloromethane	8.552	129	246905	14.776	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	8065	0.886	ug/L #	68

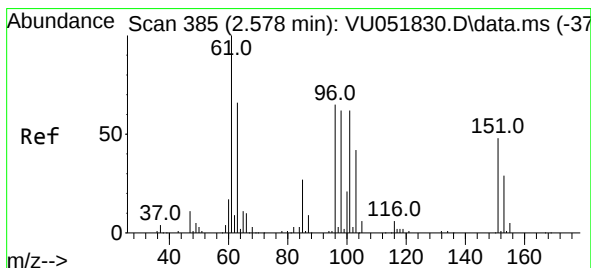
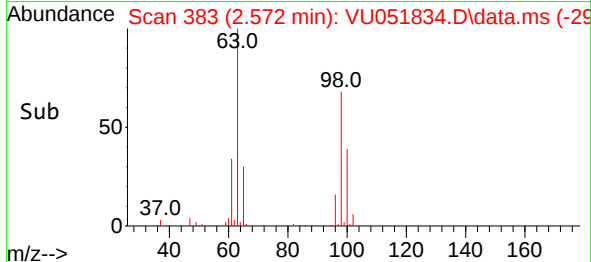
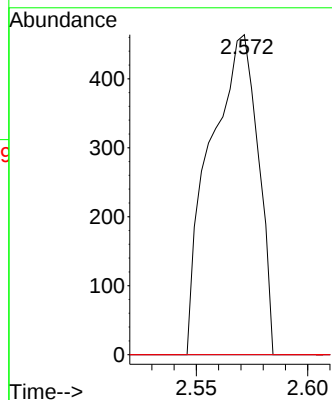
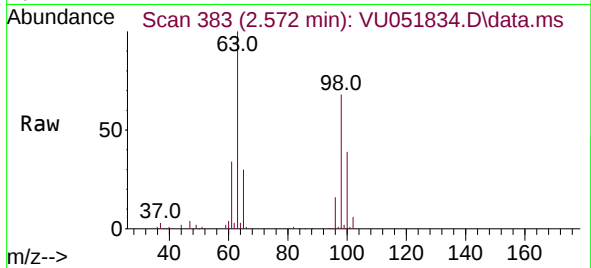
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.043 ug/L
 RT: 2.572 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VU051834.D
 Acq: 14 Nov 2022 15:02

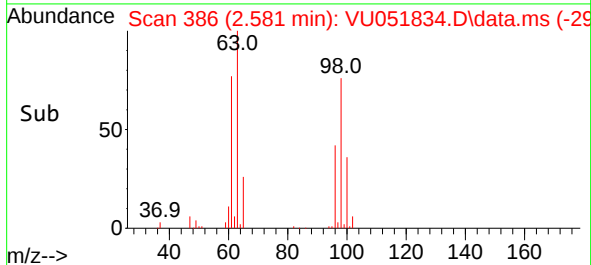
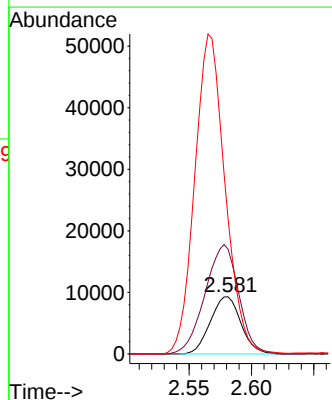
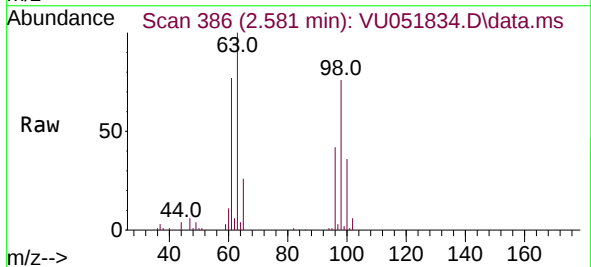
Instrument :
 MSVOA_U
 ClientSampleId :

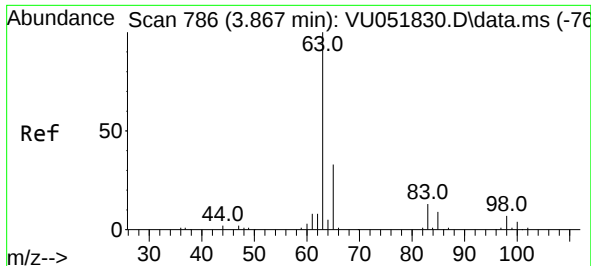
Tgt Ion:101 Resp: 693
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 59.6 89.4#



#12
 1,1-Dichloroethene
 Concen: 0.968 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU051834.D
 Acq: 14 Nov 2022 15:02

Tgt Ion: 96 Resp: 15828
 Ion Ratio Lower Upper
 96 100
 61 183.8 108.8 202.0
 63 237.5 64.9 120.5#





#19

1,1-Dichloroethane

Concen: 0.340 ug/L

RT: 3.874 min Scan# 71

Delta R.T. 0.006 min

Lab File: VU051834.D

Acq: 14 Nov 2022 15:02

Instrument :

MSVOA_U

ClientSampleId :

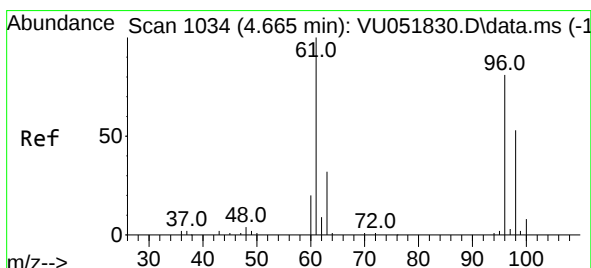
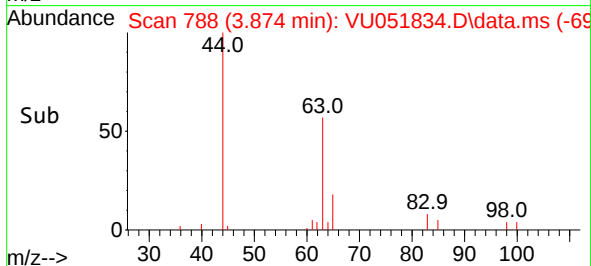
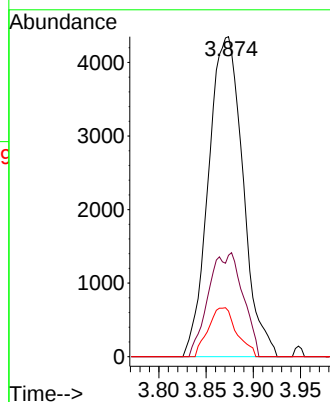
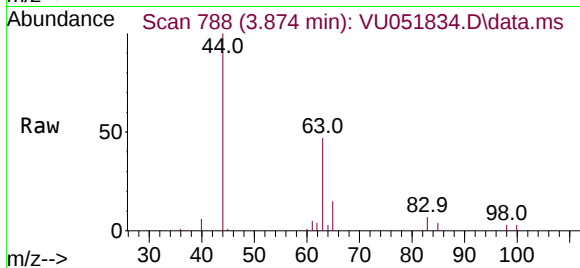
Tgt Ion: 63 Resp: 11003

Ion Ratio Lower Upper

63 100

65 31.7 22.7 42.1

83 14.2 9.2 17.0



#22

cis-1,2-Dichloroethene

Concen: 1.012 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051834.D

Acq: 14 Nov 2022 15:02

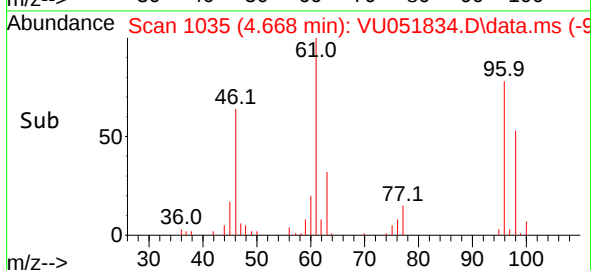
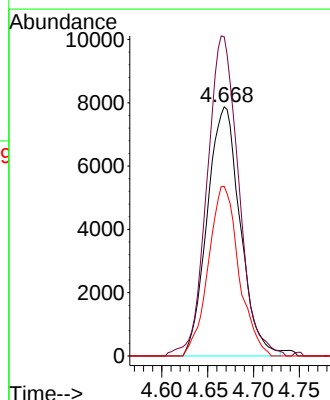
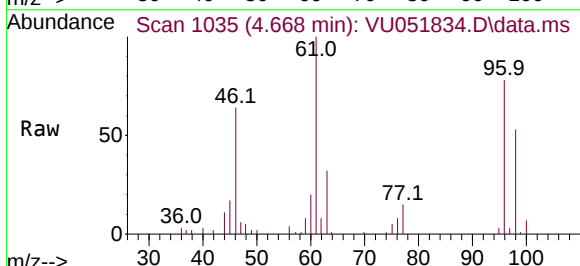
Tgt Ion: 96 Resp: 19644

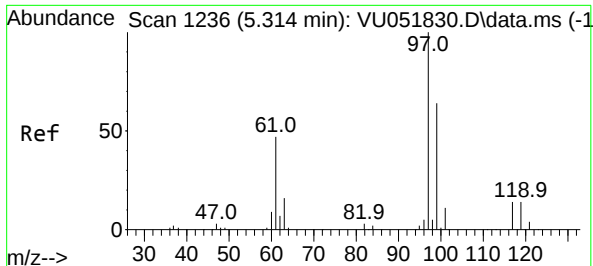
Ion Ratio Lower Upper

96 100

61 128.2 86.4 160.4

98 68.1 44.2 82.2

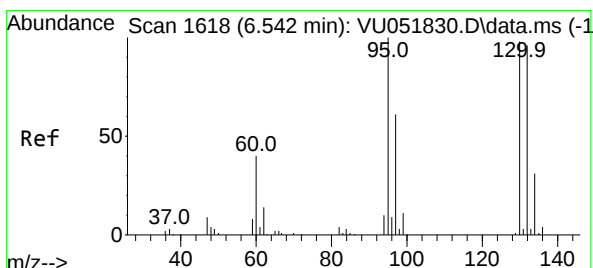
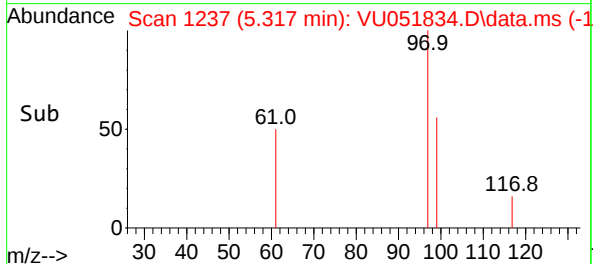
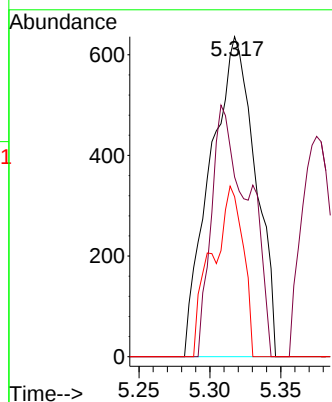
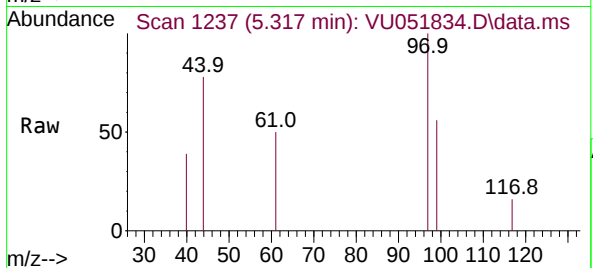




#29
1,1,1-Trichloroethane
Concen: 0.053 ug/L
RT: 5.317 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU051834.D
Acq: 14 Nov 2022 15:02

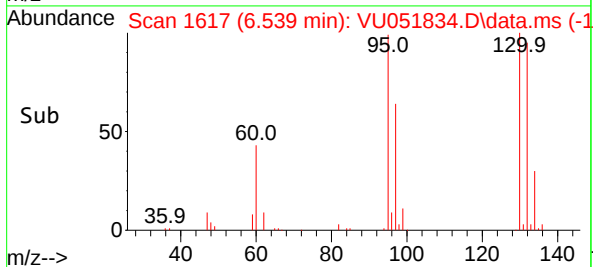
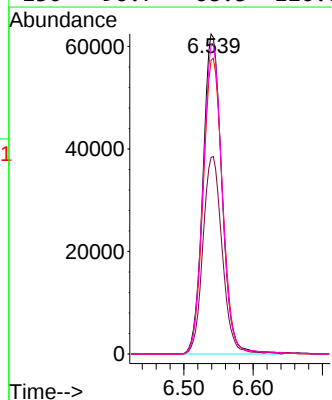
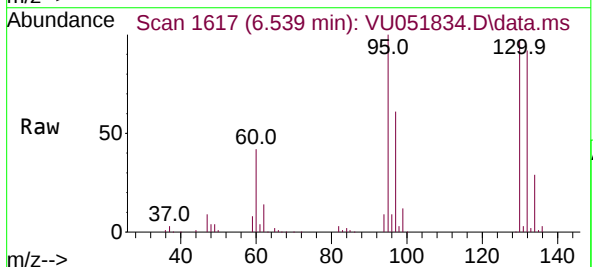
Instrument :
MSVOA_U
ClientSampleId :

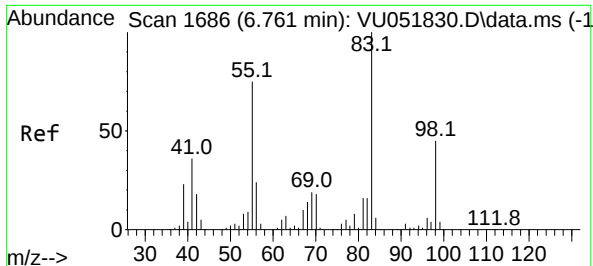
Tgt Ion: 97 Resp: 1411
Ion Ratio Lower Upper
97 100
99 51.0 51.1 76.7#
61 36.7 37.4 56.0#



#34
Trichloroethene
Concen: 6.310 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU051834.D
Acq: 14 Nov 2022 15:02

Tgt Ion: 95 Resp: 118185
Ion Ratio Lower Upper
95 100
97 61.5 45.2 84.0
132 91.8 66.5 123.5
130 96.7 68.3 126.8

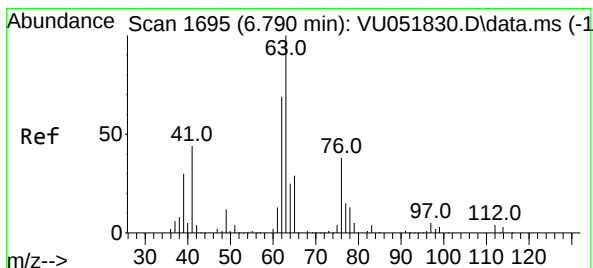
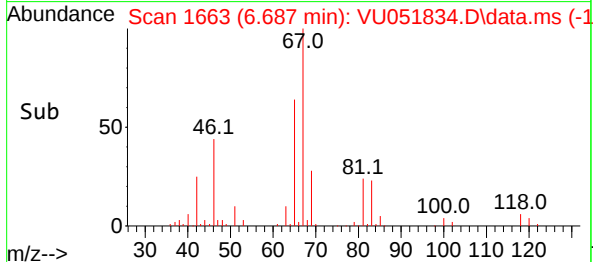
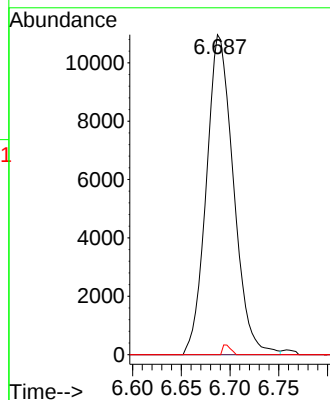
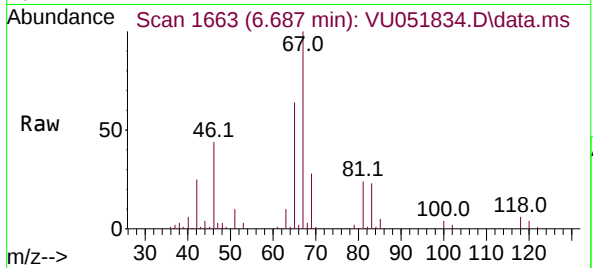




#35
Methylcyclohexane
Concen: 0.820 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU051834.D
Acq: 14 Nov 2022 15:02

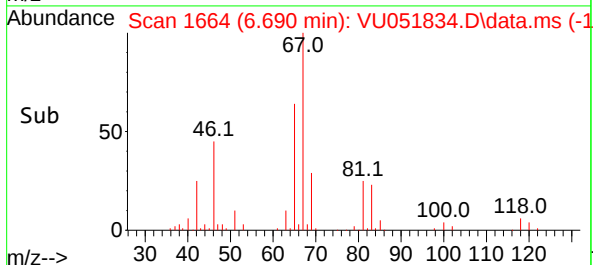
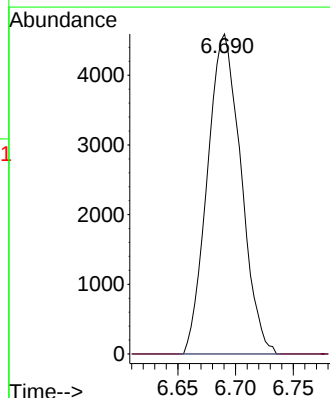
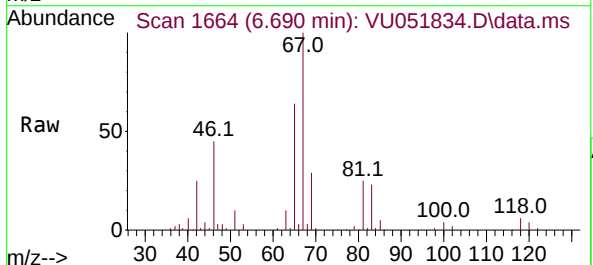
Instrument :
MSVOA_U
ClientSampleId :

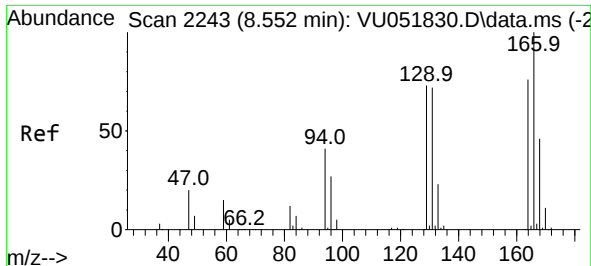
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.6	90.8#
98	0.9	35.8	53.6#



#37
1,2-Dichloropropane
Concen: 0.466 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051834.D
Acq: 14 Nov 2022 15:02

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#





#47

Tetrachloroethene

Concen: 17.890 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

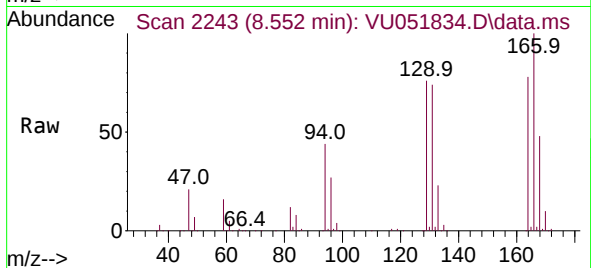
Lab File: VU051834.D

Acq: 14 Nov 2022 15:02

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 256616

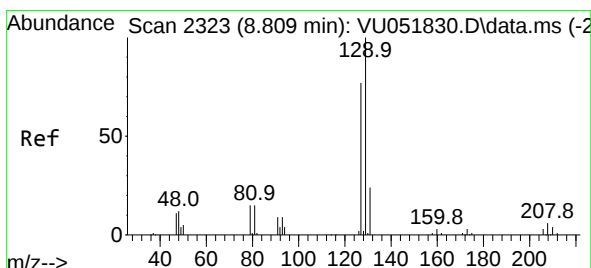
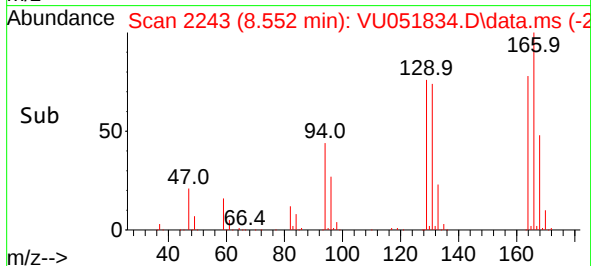
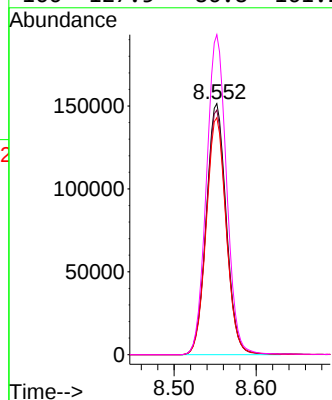
Ion Ratio Lower Upper

164 100

129 97.5 64.0 118.8

131 94.4 60.7 112.7

166 127.5 86.8 161.2



#49

Dibromochloromethane

Concen: 14.776 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.257 min

Lab File: VU051834.D

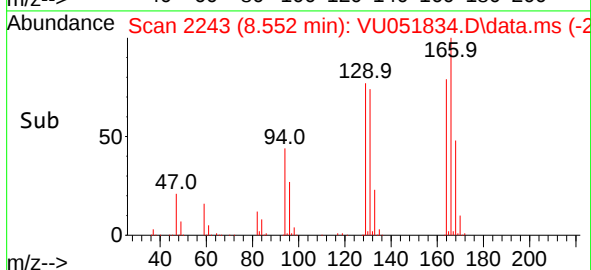
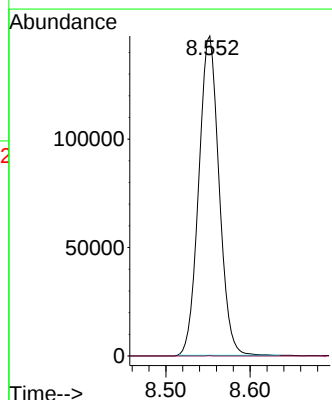
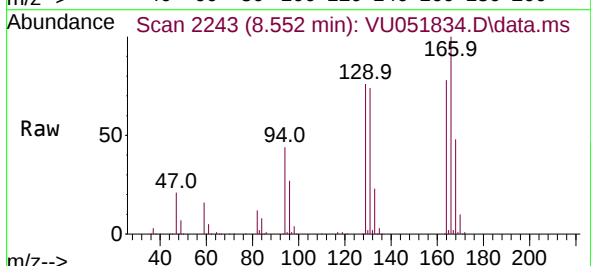
Acq: 14 Nov 2022 15:02

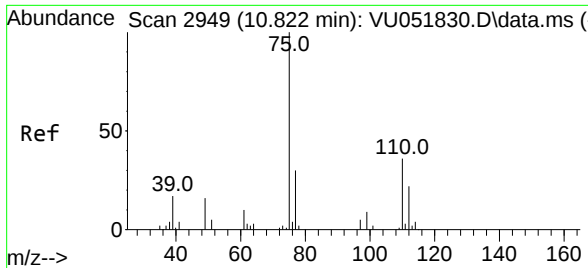
Tgt Ion:129 Resp: 246905

Ion Ratio Lower Upper

129 100

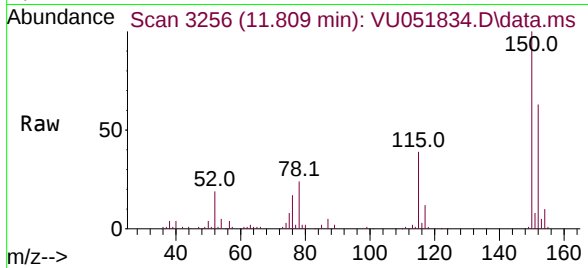
127 0.1 54.8 101.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.886 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU051834.D
 Acq: 14 Nov 2022 15:02

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8065
 Ion Ratio Lower Upper
 75 100
 110 1.7 28.7 43.1#
 77 30.4 26.1 39.1

