

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051918.D
 Acq On : 18 Nov 2022 22:09
 Operator : JC/MD
 Sample : N5684-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H7

Quant Time: Nov 19 00:50:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 22:29:23 2022
 Response via : Initial Calibration

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

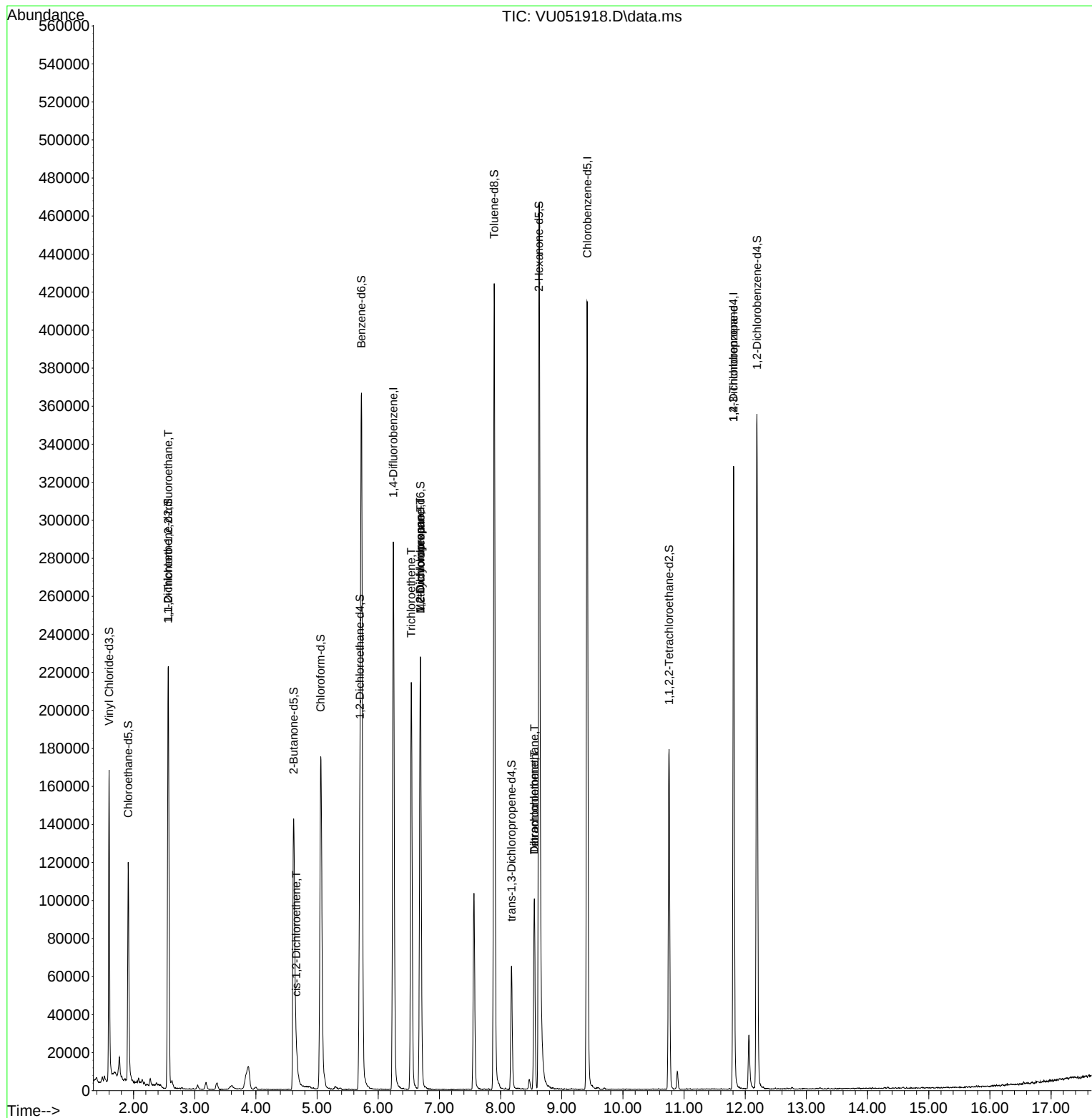
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	242193	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	244044	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	92096	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	119413	5.069	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.400%	
7) Chloroethane-d5	1.912	69	93464	5.108	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.200%	
11) 1,1-Dichloroethene-d2	2.565	65	42515	5.035	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.600%	
20) 2-Butanone-d5	4.616	46	205822	48.199	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.400%	
24) Chloroform-d	5.060	84	168941	4.881	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
26) 1,2-Dichloroethane-d4	5.700	65	88639	5.070	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.726	84	365331	5.042	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
36) 1,2-Dichloropropane-d6	6.690	67	117972	5.261	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.200%	
41) Toluene-d8	7.896	98	298069	4.547	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
43) trans-1,3-Dichloroprop...	8.179	79	37405	4.578	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.600%	
46) 2-Hexanone-d5	8.629	63	163727	47.283	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.560%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	94711	4.872	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	99554	5.646	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	113.000%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1584	0.089	ug/L #	28
22) cis-1,2-Dichloroethene	4.661	96	4023	0.204	ug/L	98
34) Trichloroethene	6.539	95	77468	3.911	ug/L	98
35) Methylcyclohexane	6.690	83	25858	0.907	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	11724	0.570	ug/L #	88
47) Tetrachloroethene	8.552	164	23523	1.549	ug/L	95
49) Dibromochloromethane	8.552	129	23355	1.349	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	11040	1.047	ug/L #	68

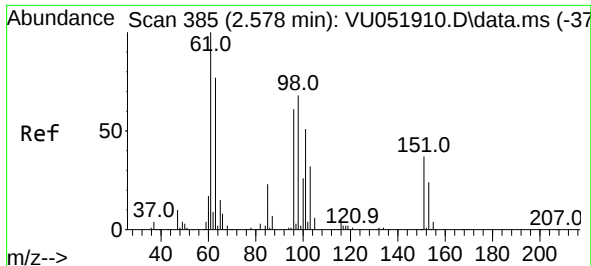
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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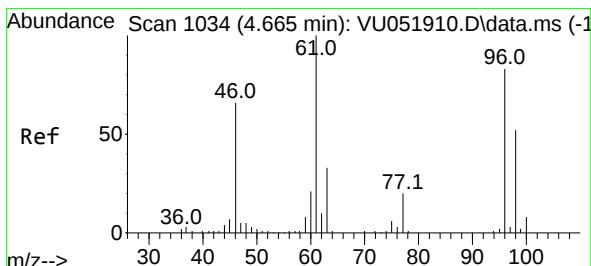
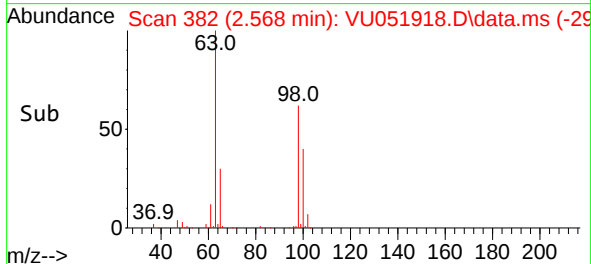
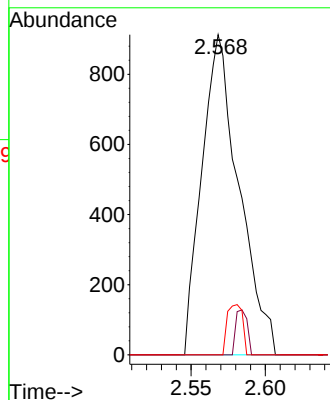
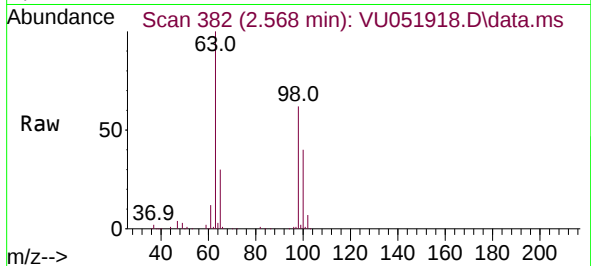




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.089 ug/L
RT: 2.568 min Scan# 31
Delta R.T. -0.010 min
Lab File: VU051918.D
Acq: 18 Nov 2022 22:09

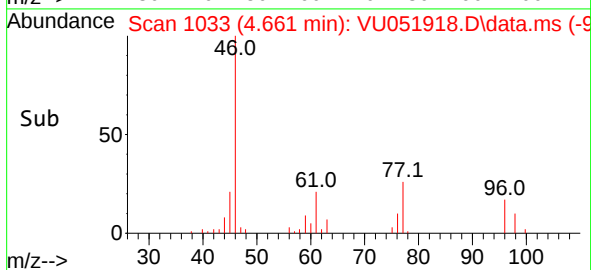
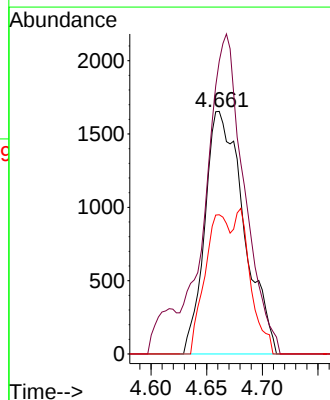
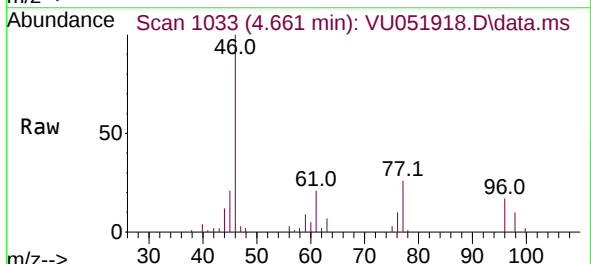
Instrument :
MSVOA_U
ClientSampleId :
BH1H7

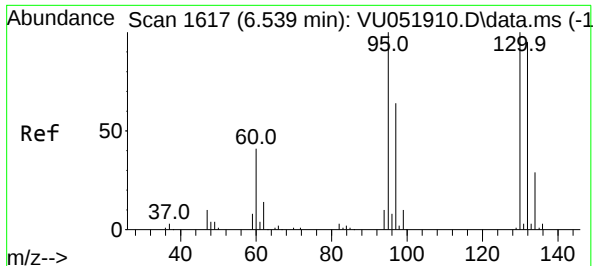
Tgt Ion:101 Resp: 1584
Ion Ratio Lower Upper
101 100
85 4.3 33.8 50.6#
151 6.5 58.6 88.0#



#22
cis-1,2-Dichloroethene
Concen: 0.204 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU051918.D
Acq: 18 Nov 2022 22:09

Tgt Ion: 96 Resp: 4023
Ion Ratio Lower Upper
96 100
61 120.7 85.1 158.1
98 57.4 42.8 79.6



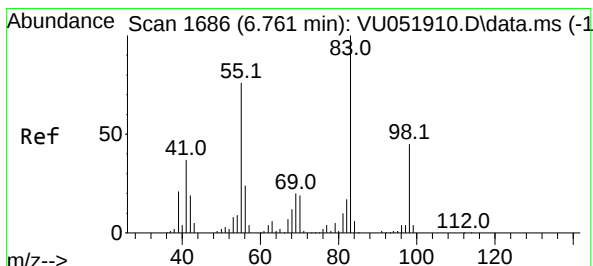
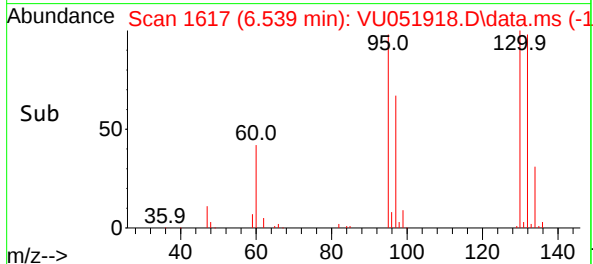
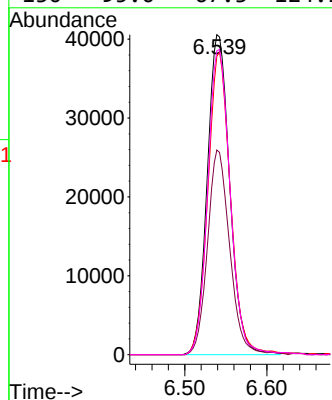
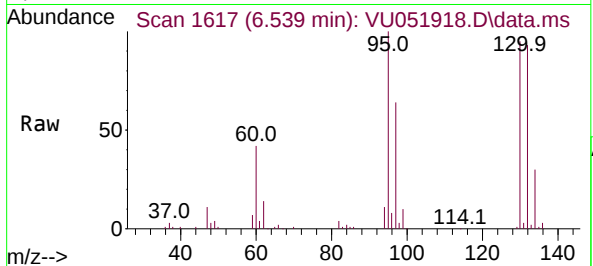


#34
Trichloroethene
Concen: 3.911 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051918.D
Acq: 18 Nov 2022 22:09

Instrument :
MSVOA_U
ClientSampleId :
BH1H7

Tgt Ion: 95 Resp: 77468

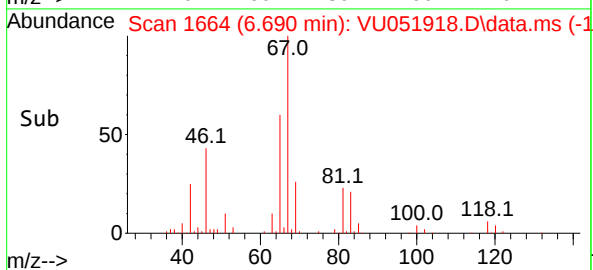
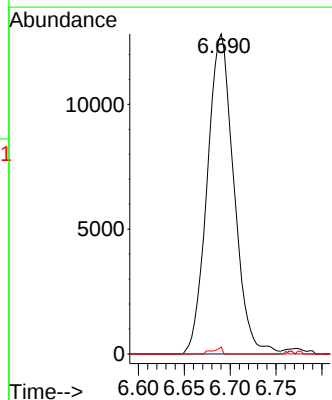
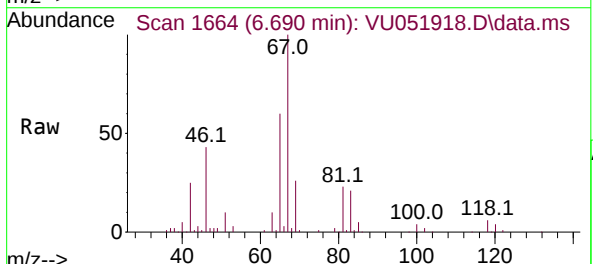
Ion	Ratio	Lower	Upper
95	100		
97	63.9	43.7	81.1
132	93.3	64.3	119.3
130	95.0	67.3	124.9

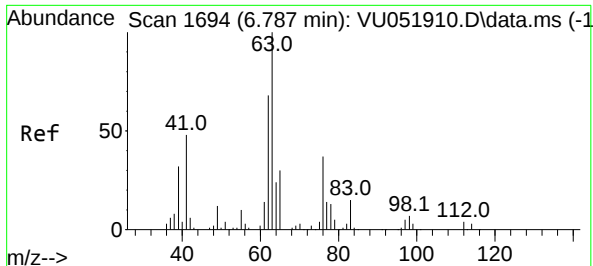


#35
Methylcyclohexane
Concen: 0.907 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051918.D
Acq: 18 Nov 2022 22:09

Tgt Ion: 83 Resp: 25858

Ion	Ratio	Lower	Upper
83	100		
55	0.2	60.8	91.2#
98	0.7	35.1	52.7#





#37

1,2-Dichloropropane

Concen: 0.570 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU051918.D

Acq: 18 Nov 2022 22:09

Instrument :

MSVOA_U

ClientSampleId :

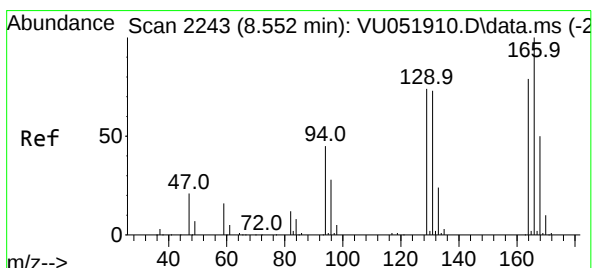
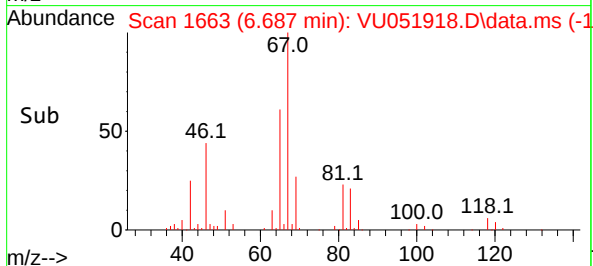
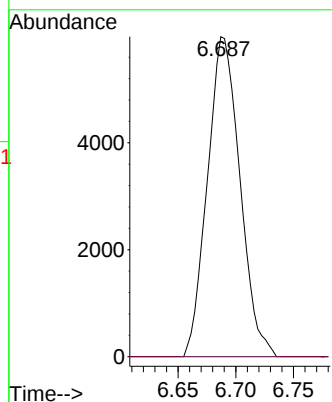
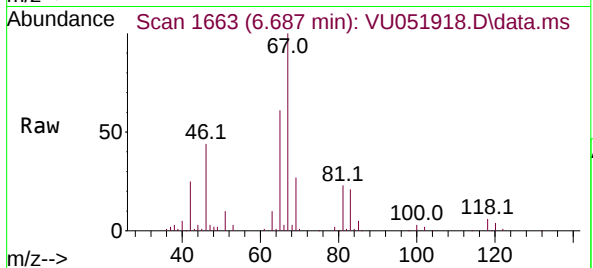
BH1H7

Tgt Ion: 63 Resp: 11724

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#47

Tetrachloroethene

Concen: 1.549 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051918.D

Acq: 18 Nov 2022 22:09

Tgt Ion: 164 Resp: 23523

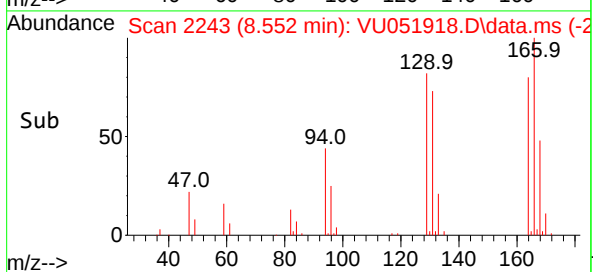
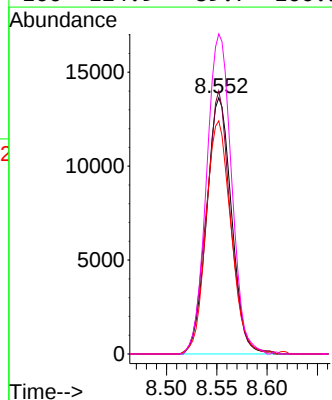
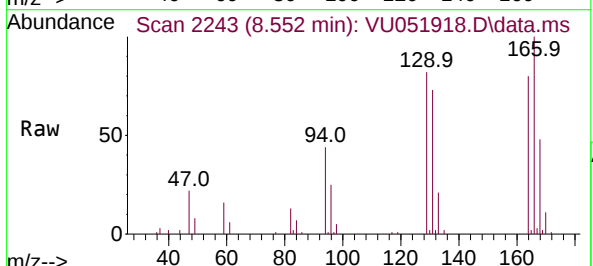
Ion Ratio Lower Upper

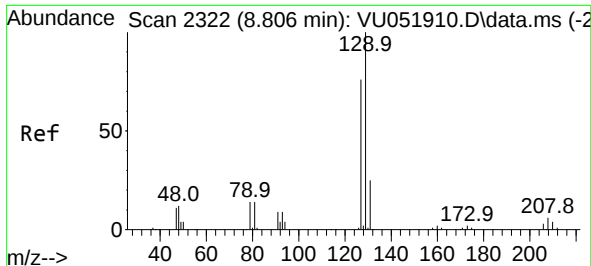
164 100

129 102.7 67.4 125.2

131 91.0 67.1 124.7

166 124.9 89.7 166.5

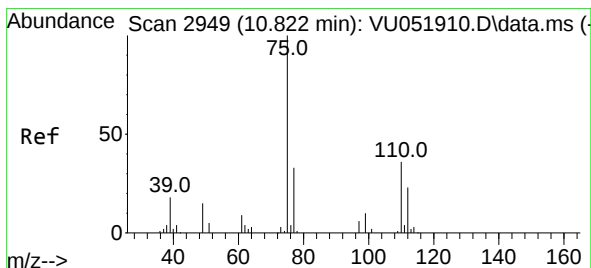
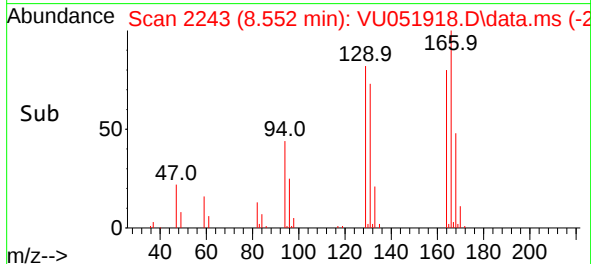
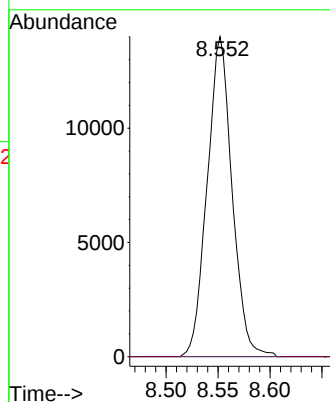
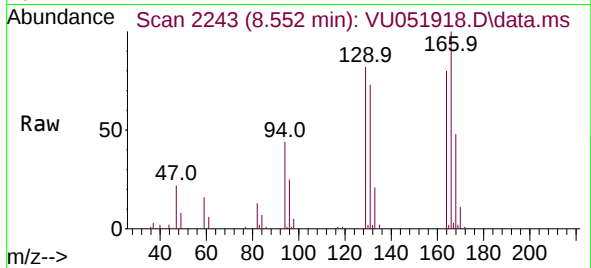




#49
Dibromochloromethane
Concen: 1.349 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU051918.D
Acq: 18 Nov 2022 22:09

Instrument :
MSVOA_U
ClientSampleId :
BH1H7

Tgt Ion:129 Resp: 23355
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.2#



#61
1,2,3-Trichloropropane
Concen: 1.047 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051918.D
Acq: 18 Nov 2022 22:09

Tgt Ion: 75 Resp: 11040
Ion Ratio Lower Upper
75 100
110 1.6 28.3 42.5#
77 30.9 26.2 39.2

