

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056930.D
 Acq On : 16 Dec 2023 16:26
 Operator : MD/SY
 Sample : 05810-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 23:47:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

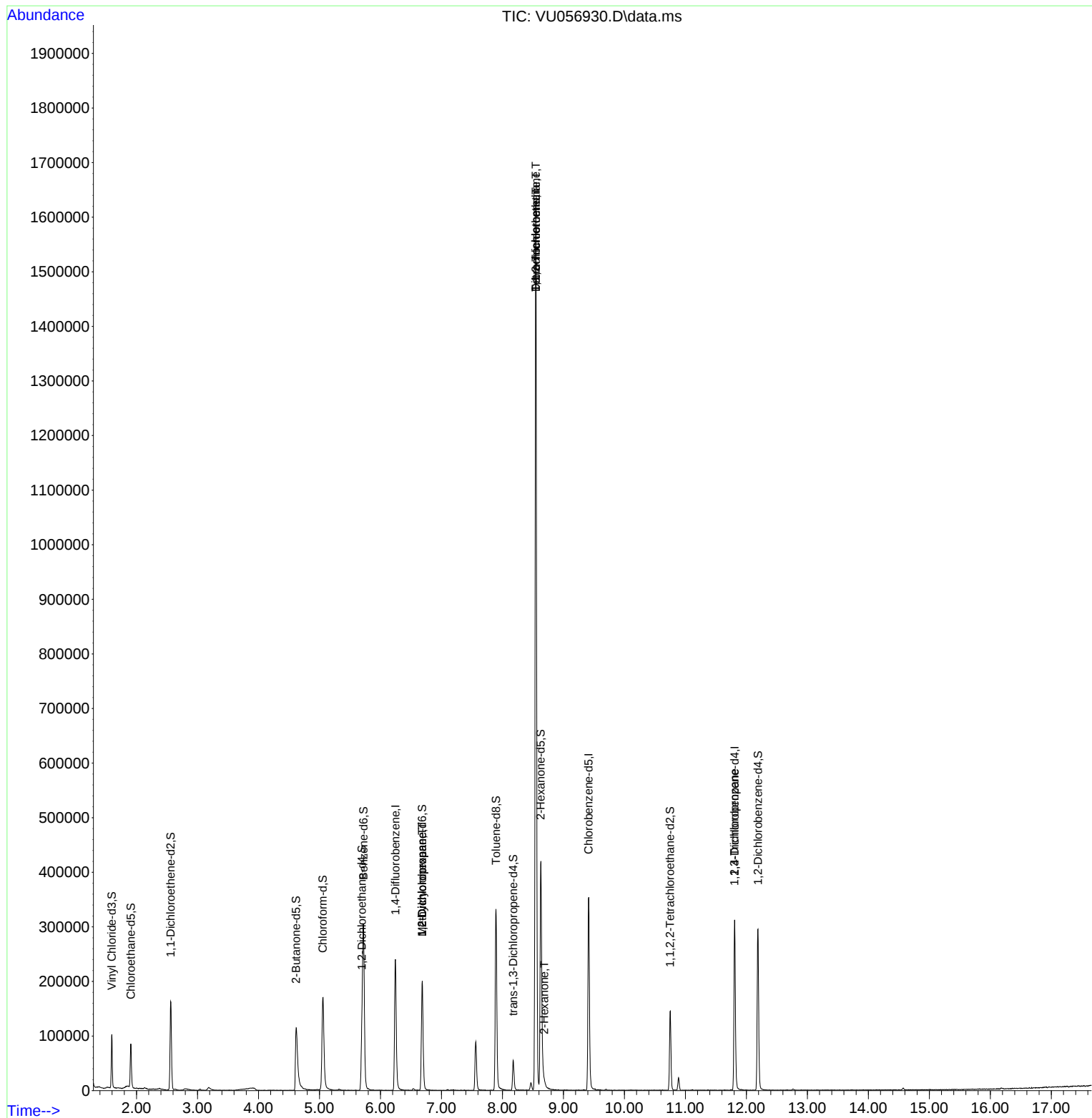
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	194405	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	206390	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	86533	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	70004	4.201	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.000%	
7) Chloroethane-d5	1.907	69	62611	5.021	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.400%	
11) 1,1-Dichloroethene-d2	2.560	65	31225	4.380	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.600%	
20) 2-Butanone-d5	4.618	46	188487	57.276	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.560%	
24) Chloroform-d	5.055	84	160224	5.078	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.600%	
26) 1,2-Dichloroethane-d4	5.695	65	78359	5.248	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.000%	
32) Benzene-d6	5.721	84	290233	4.534	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	6.685	67	97879	4.885	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.600%	
41) Toluene-d8	7.894	98	232858	4.070	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.400%	
43) trans-1,3-Dichloroprop...	8.177	79	33319	4.288	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.800%	
46) 2-Hexanone-d5	8.627	63	145302	49.580	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.160%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	73719	5.085	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	80431	4.728	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.600%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	23379	0.796	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	10957	0.591	ug/L #	89
45) 1,1,2-Trichloroethane	8.547	97	3435	0.274	ug/L #	11
47) Tetrachloroethene	8.547	164	347574	24.961	ug/L	97
48) 2-Hexanone	8.685	43	4716	0.752	ug/L #	63
49) Dibromochloromethane	8.547	129	354356	24.576	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	10807	1.163	ug/L #	69

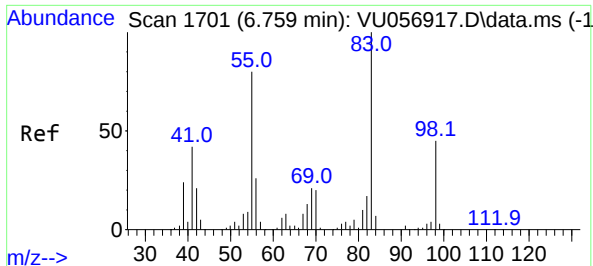
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.796 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056930.D

Acq: 16 Dec 2023 16:26

Instrument :

MSVOA_U

ClientSampleId :

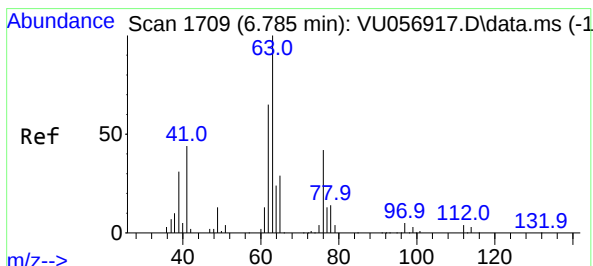
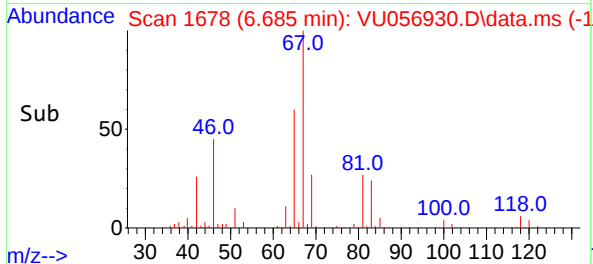
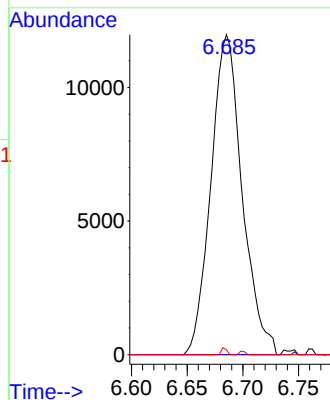
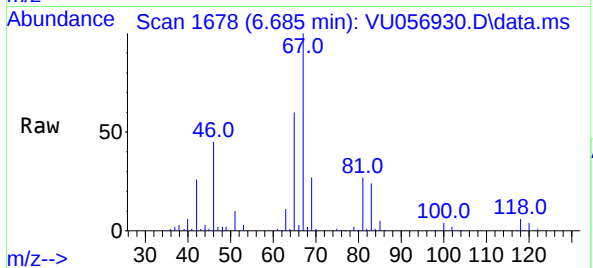
Tgt Ion: 83 Resp: 23379

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 0.4 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.591 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU056930.D

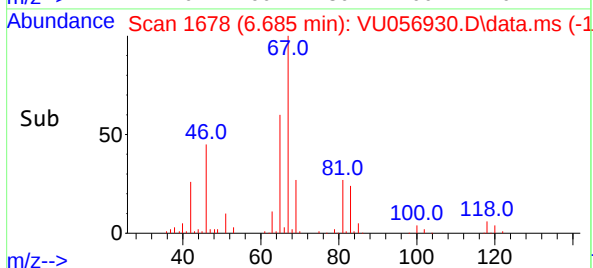
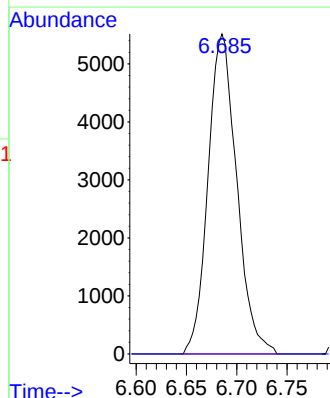
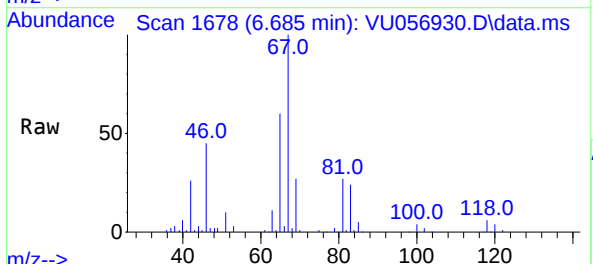
Acq: 16 Dec 2023 16:26

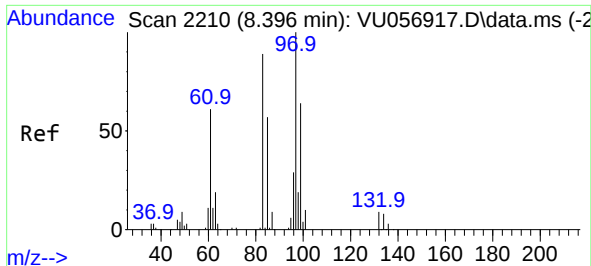
Tgt Ion: 63 Resp: 10957

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#





#45

1,1,2-Trichloroethane

Concen: 0.274 ug/L

RT: 8.547 min Scan# 2210

Delta R.T. 0.151 min

Lab File: VU056930.D

Acq: 16 Dec 2023 16:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 3435

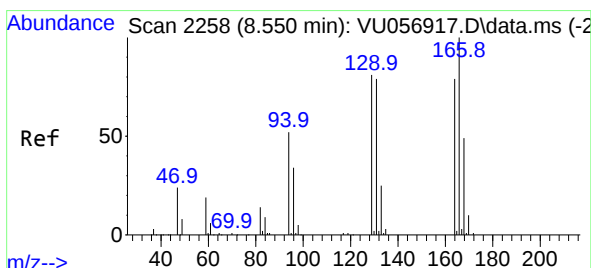
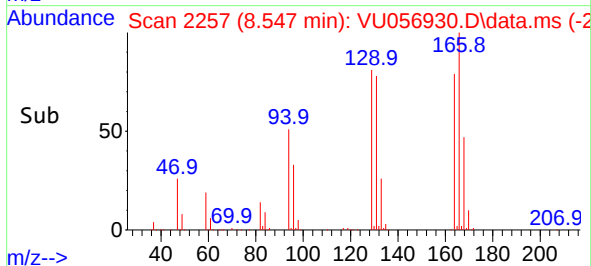
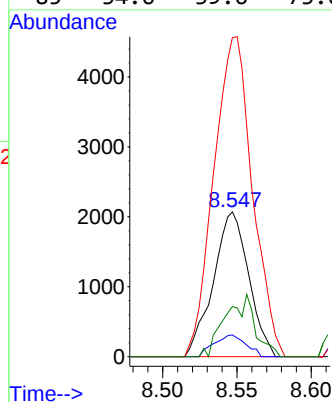
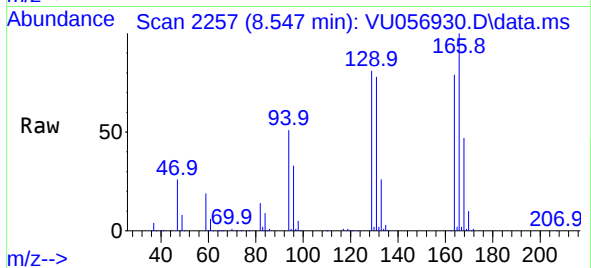
Ion Ratio Lower Upper

97 100

99 15.0 41.9 77.9#

83 220.0 59.1 109.7#

85 34.6 39.6 73.6#



#47

Tetrachloroethene

Concen: 24.961 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU056930.D

Acq: 16 Dec 2023 16:26

Tgt Ion:164 Resp: 347574

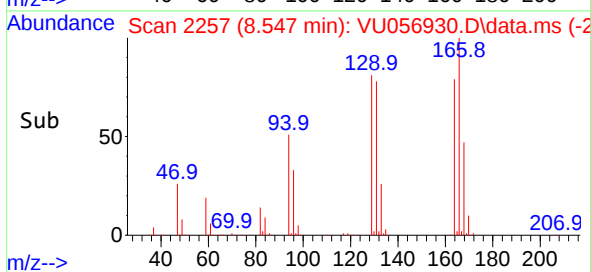
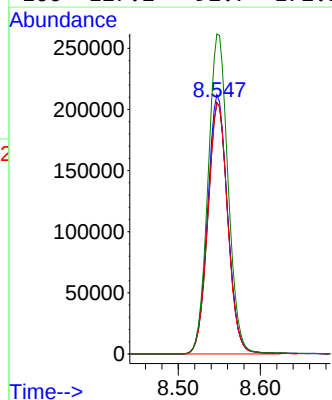
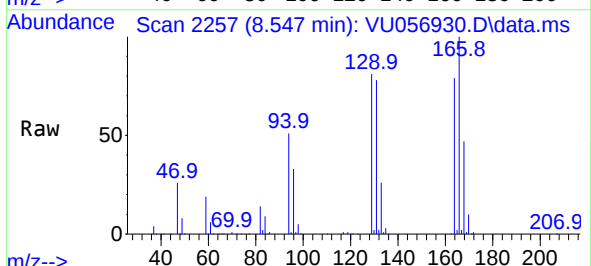
Ion Ratio Lower Upper

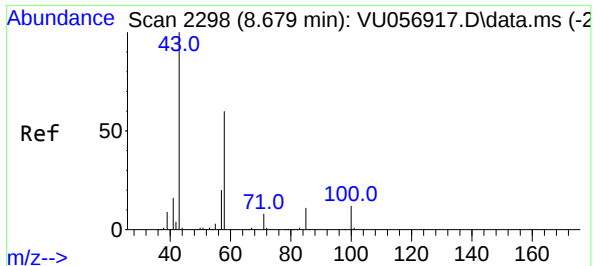
164 100

129 103.0 73.4 136.4

131 99.6 71.5 132.9

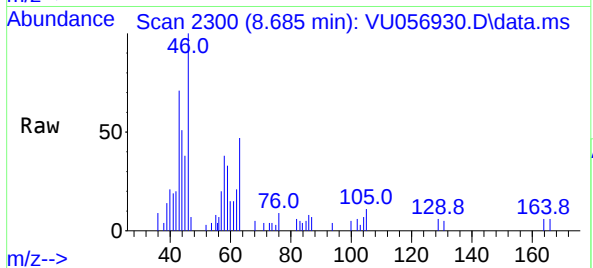
166 127.2 92.7 172.1



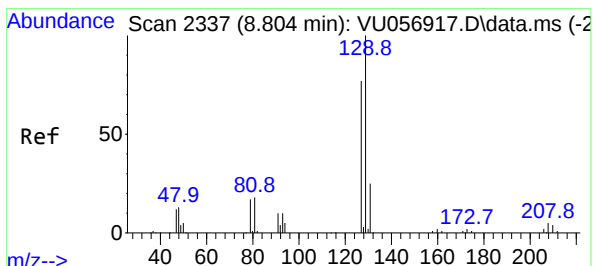
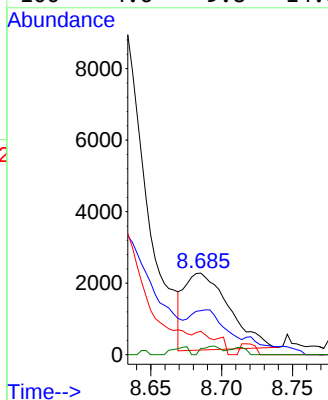
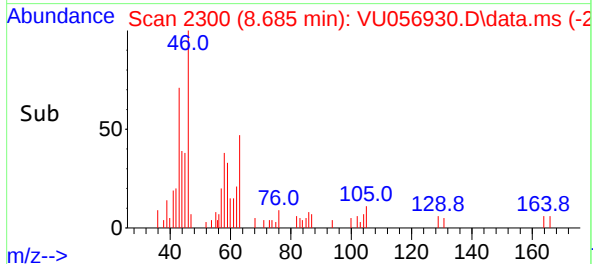


#48
2-Hexanone
Concen: 0.752 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056930.D
Acq: 16 Dec 2023 16:26

Instrument :
MSVOA_U
ClientSampleId :

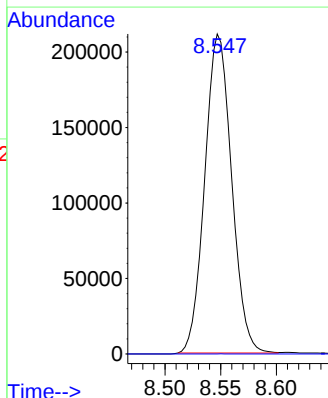
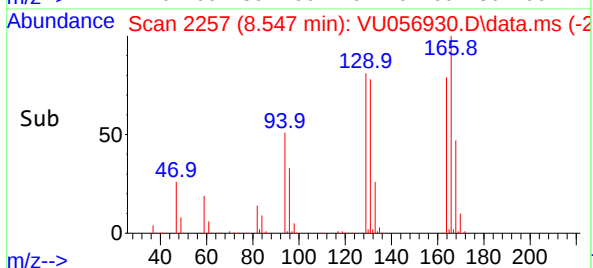
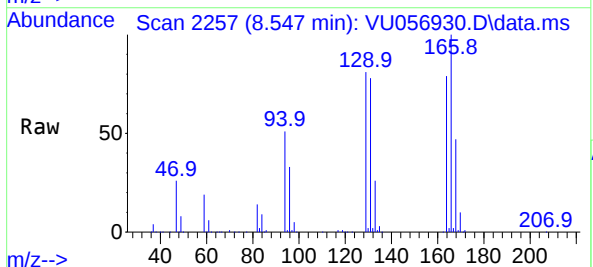


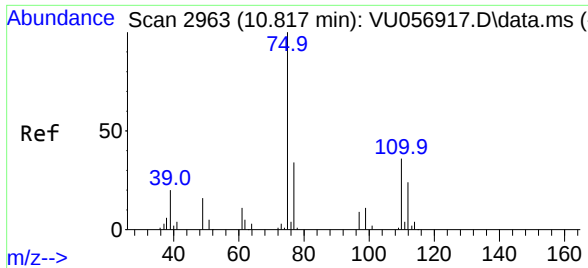
Tgt Ion: 43 Resp: 4716
Ion Ratio Lower Upper
43 100
58 30.7 47.5 71.3#
57 0.0 17.0 25.4#
100 4.6 9.8 14.8#



#49
Dibromochloromethane
Concen: 24.576 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056930.D
Acq: 16 Dec 2023 16:26

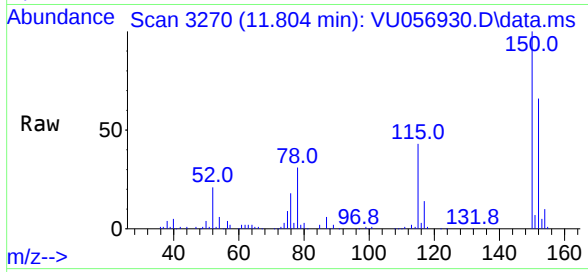
Tgt Ion: 129 Resp: 354356
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.163 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU056930.D
 Acq: 16 Dec 2023 16:26

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 10807
 Ion Ratio Lower Upper
 75 100
 110 2.9 28.4 42.6#
 77 30.9 26.3 39.5

