

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057036.D
 Acq On : 19 Dec 2023 11:56
 Operator : MD/SY
 Sample : 05830-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

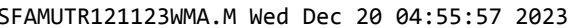
Instrument :
 MSVOA_U
 ClientSampleId :

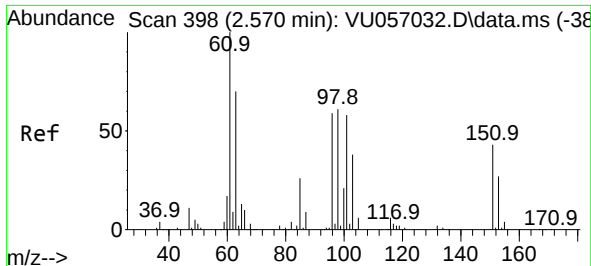
Quant Time: Dec 20 04:55:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 04:54:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	212583	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	216639	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	86113	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	52240	2.867	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	57.400%	
7) Chloroethane-d5	1.911	69	49668	3.642	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	72.800%	
11) 1,1-Dichloroethene-d2	2.563	65	24001	3.079	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.600%	
20) 2-Butanone-d5	4.618	46	150714	41.882	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	83.760%	
24) Chloroform-d	5.055	84	133258	3.862	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.200%	
26) 1,2-Dichloroethane-d4	5.695	65	68051	4.168	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.400%	
32) Benzene-d6	5.721	84	223599	3.328	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	66.600%#	
36) 1,2-Dichloropropane-d6	6.685	67	73956	3.516	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	70.400%	
41) Toluene-d8	7.894	98	177883	2.962	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	59.200%#	
43) trans-1,3-Dichloroprop...	8.177	79	23651	2.900	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	58.000%	
46) 2-Hexanone-d5	8.630	63	108240	35.186	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	70.380%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	59094	3.883	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	77.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	65247	3.854	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	77.000%#	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	10508	0.609	ug/L #	1
17) Methyl tert-butyl Ether	3.354	73	8110	0.212	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	7235	0.380	ug/L	87
34) Trichloroethene	6.537	95	99475	4.763	ug/L	98
35) Methylcyclohexane	6.685	83	18171	0.590	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	8110	0.416	ug/L #	88
45) 1,1,2-Trichloroethane	8.544	97	2416	0.183	ug/L #	1
47) Tetrachloroethene	8.547	164	239079	16.357	ug/L	97
49) Dibromochloromethane	8.547	129	243031	16.058	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	10389	1.124	ug/L #	68

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

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#12

1,1-Dichloroethene

Concen: 0.609 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.006 min

Lab File: VU057036.D

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Instrument :

MSVOA_U

ClientSampleId :

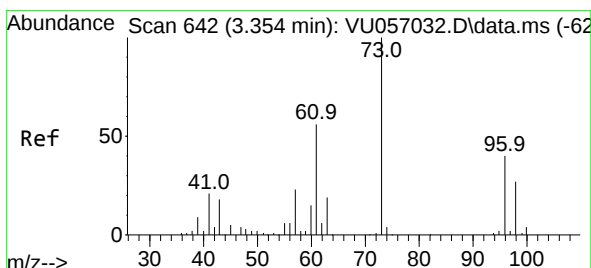
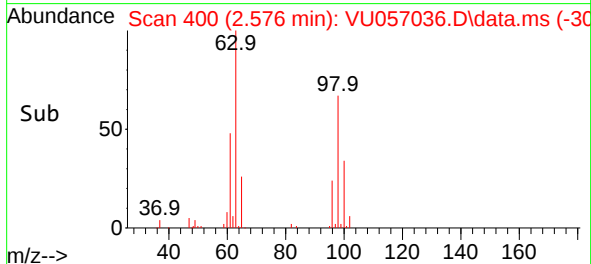
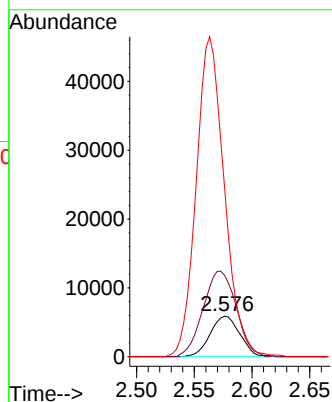
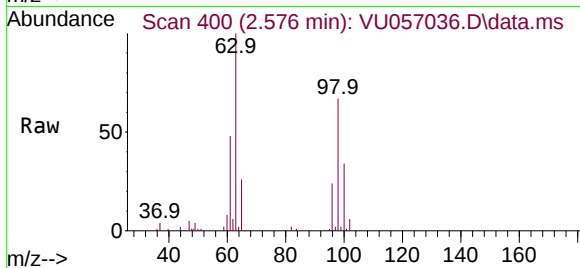
Tgt Ion: 96 Resp: 10508

Ion Ratio Lower Upper

96 100

61 201.5 119.0 221.0

63 420.5 88.7 164.7#



#17

Methyl tert-butyl Ether

Concen: 0.212 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU057036.D

Acq: 19 Dec 2023 11:56

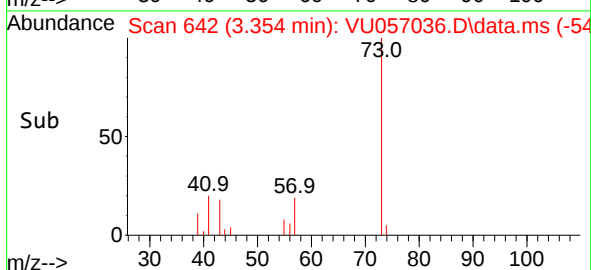
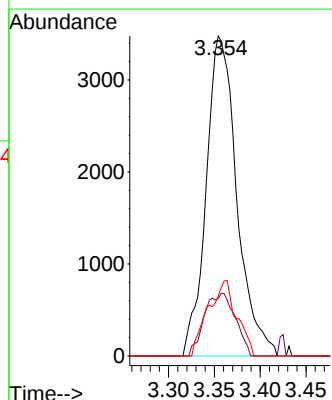
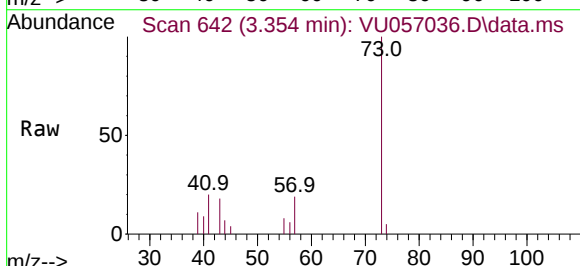
Tgt Ion: 73 Resp: 8110

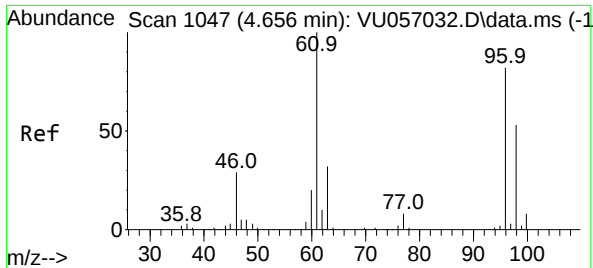
Ion Ratio Lower Upper

73 100

43 19.7 14.4 21.6

57 22.0 17.8 26.8

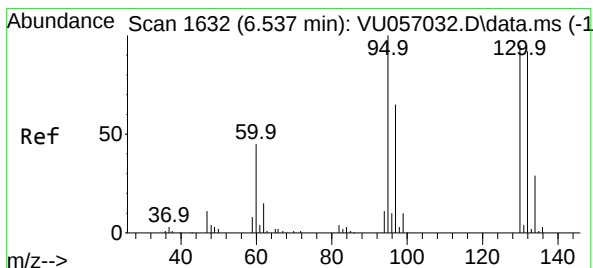
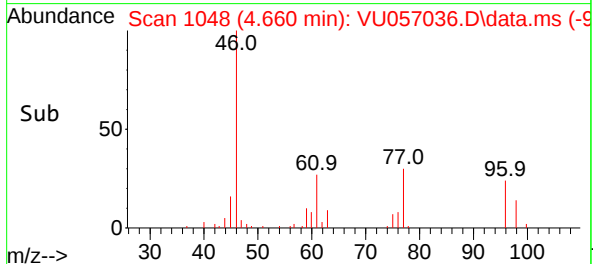
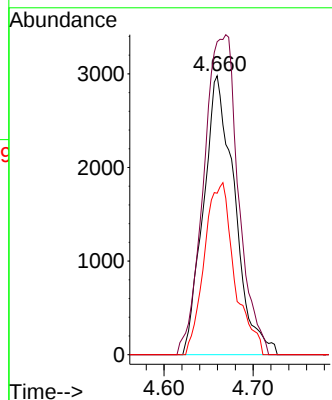
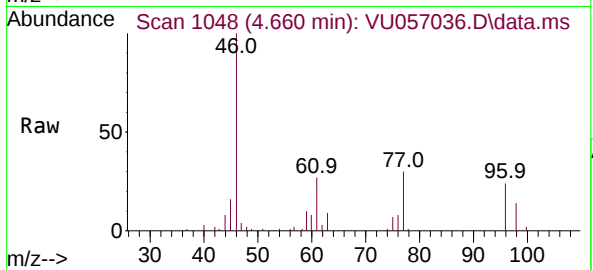




#22
 cis-1,2-Dichloroethene
 Concen: 0.380 ug/L
 RT: 4.660 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU057036.D
 Acq: 19 Dec 2023 11:56

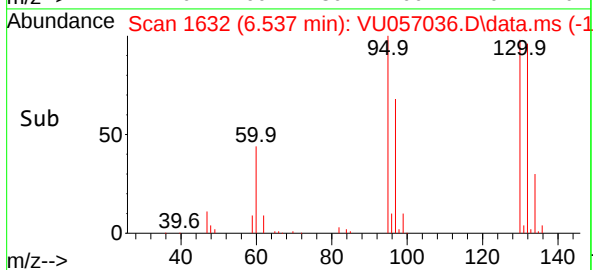
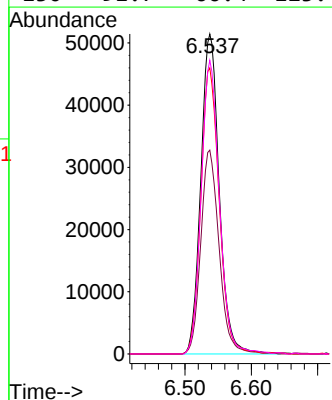
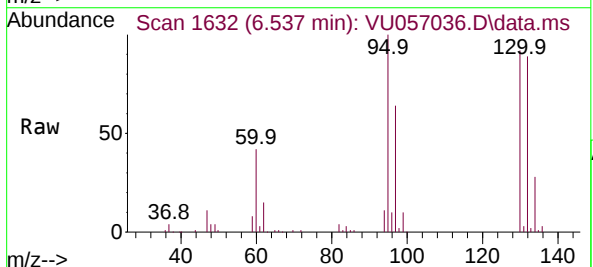
Instrument :
 MSVOA_U
 ClientSampleId :

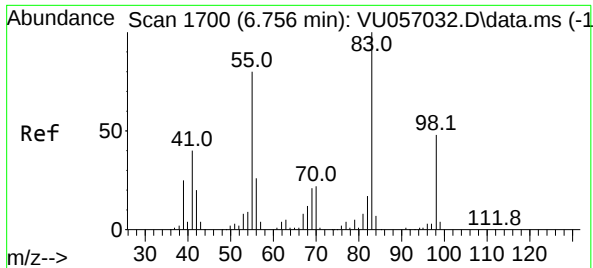
Tgt Ion: 96 Resp: 7235
 Ion Ratio Lower Upper
 96 100
 61 112.2 91.3 169.6
 98 57.9 44.2 82.0



#34
 Trichloroethene
 Concen: 4.763 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VU057036.D
 Acq: 19 Dec 2023 11:56

Tgt Ion: 95 Resp: 99475
 Ion Ratio Lower Upper
 95 100
 97 63.7 46.1 85.5
 132 89.4 63.6 118.0
 130 91.7 66.4 123.4

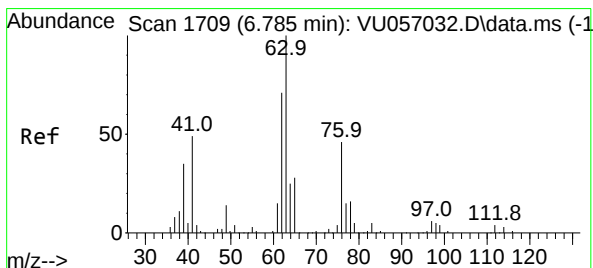
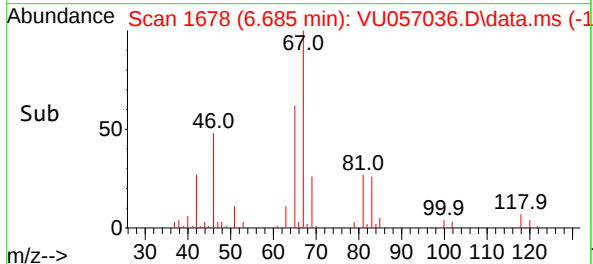
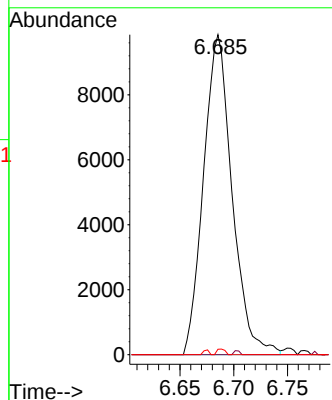
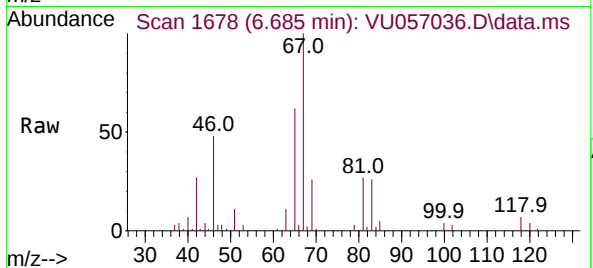




#35
Methylcyclohexane
Concen: 0.590 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057036.D
Acq: 19 Dec 2023 11:56

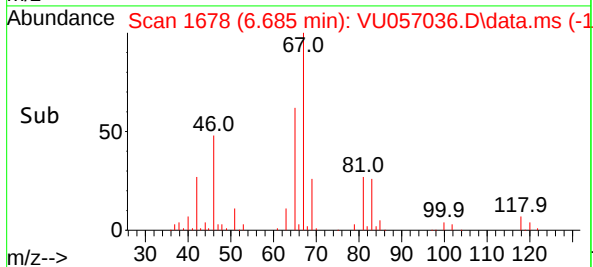
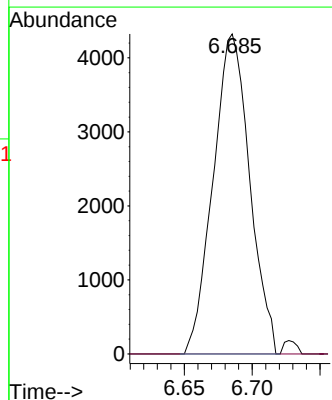
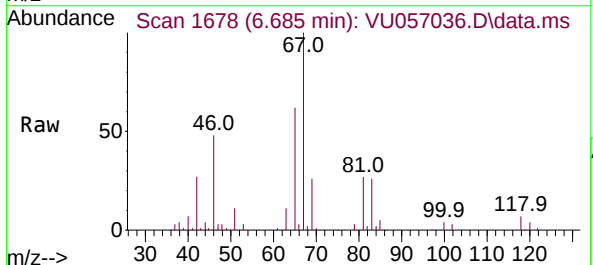
Instrument :
MSVOA_U
ClientSampleId :

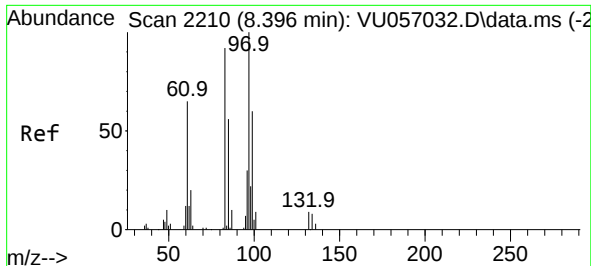
Tgt Ion: 83 Resp: 18171
Ion Ratio Lower Upper
83 100
55 0.2 64.6 97.0#
98 0.0 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.416 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU057036.D
Acq: 19 Dec 2023 11:56

Tgt Ion: 63 Resp: 8110
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

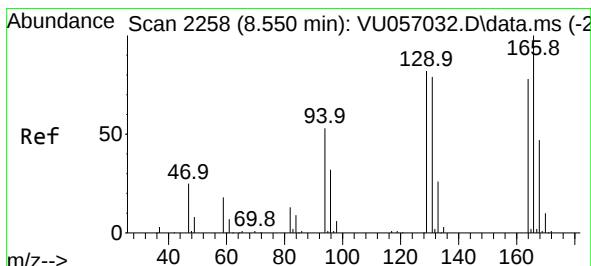
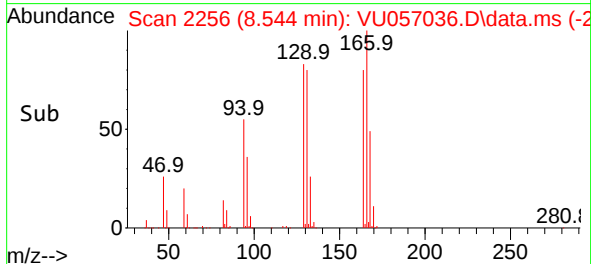
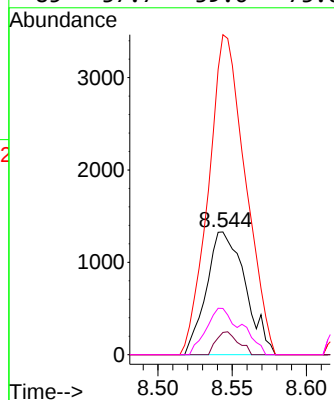
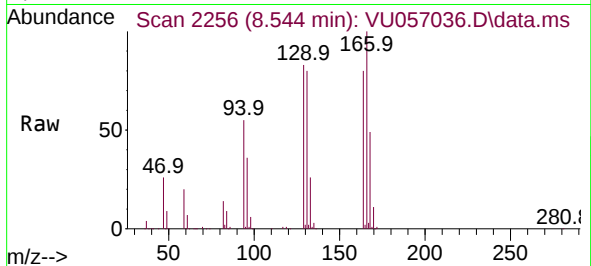




#45
1,1,2-Trichloroethane
Concen: 0.183 ug/L
RT: 8.544 min Scan# 21
Delta R.T. 0.148 min
Lab File: VU057036.D
Acq: 19 Dec 2023 11:56

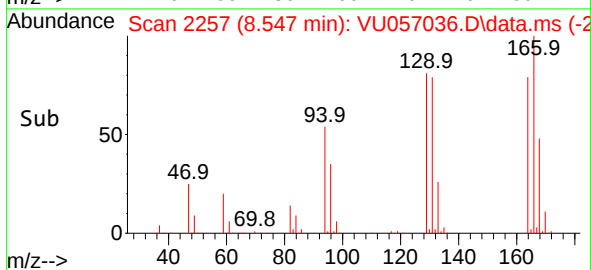
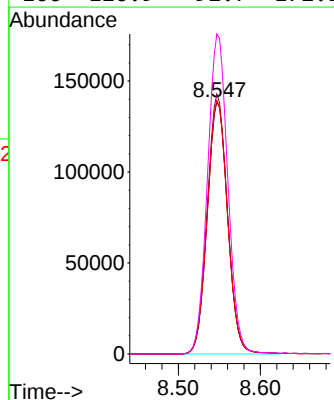
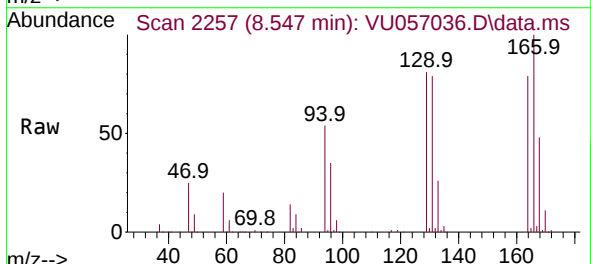
Instrument :
MSVOA_U
ClientSampleId :

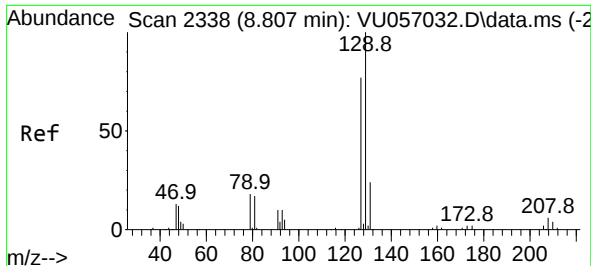
Tgt Ion: 97 Resp: 2416
Ion Ratio Lower Upper
97 100
99 18.1 41.9 77.9#
83 260.7 59.1 109.7#
85 37.7 39.6 73.6#



#47
Tetrachloroethene
Concen: 16.357 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU057036.D
Acq: 19 Dec 2023 11:56

Tgt Ion:164 Resp: 239079
Ion Ratio Lower Upper
164 100
129 103.0 73.4 136.4
131 100.5 71.5 132.9
166 126.9 92.7 172.1





#49

Dibromochloromethane

Concen: 16.058 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.260 min

Lab File: VU057036.D

Acq: 19 Dec 2023 11:56

Instrument :

MSVOA_U

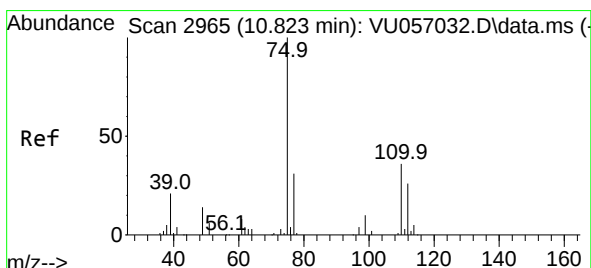
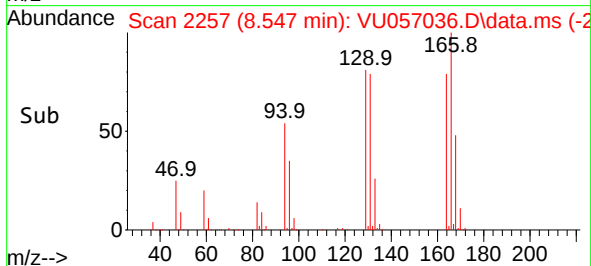
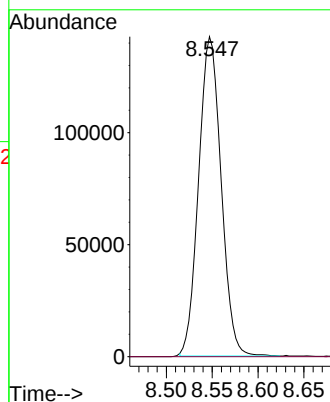
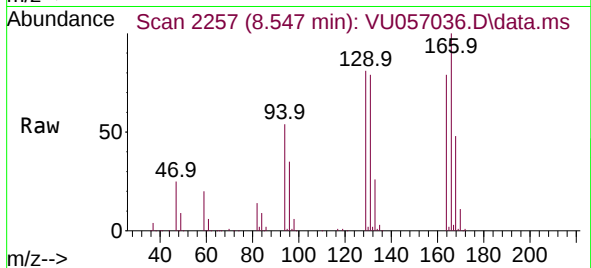
ClientSampleId :

Tgt Ion:129 Resp: 243031

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.124 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.984 min

Lab File: VU057036.D

Acq: 19 Dec 2023 11:56

Tgt Ion: 75 Resp: 10389

Ion Ratio Lower Upper

75 100

110 3.4 28.4 42.6#

77 37.0 26.3 39.5

