

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021822\
 Data File : VU047212.D
 Acq On : 17 Feb 2022 18:21
 Operator : SY/MD
 Sample : N1559-07DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M65DL

Quant Time: Feb 18 03:34:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 03:32:37 2022
 Response via : Initial Calibration

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

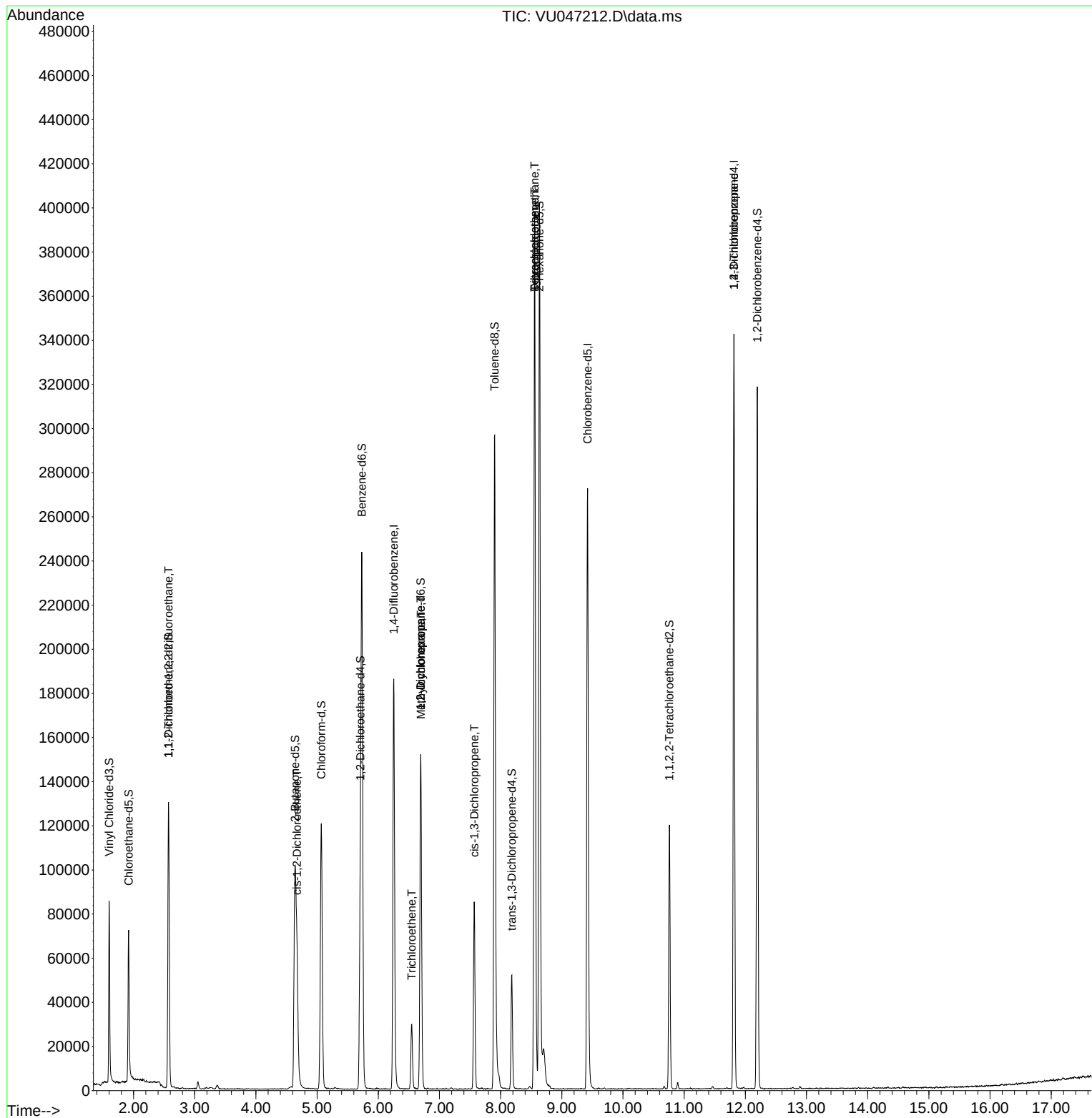
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	162510	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.421	117	165496	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	93874	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	60688	4.422	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.400%	
7) Chloroethane-d5	1.919	69	53496	4.918	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.400%	
11) 1,1-Dichloroethene-d2	2.572	65	24007	4.229	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.600%	
20) 2-Butanone-d5	4.639	46	175346	53.450	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.900%	
24) Chloroform-d	5.070	84	110038	4.827	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
26) 1,2-Dichloroethane-d4	5.707	65	59509	4.694	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
32) Benzene-d6	5.733	84	226677	4.902	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
36) 1,2-Dichloropropane-d6	6.694	67	72204	4.907	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.200%	
41) Toluene-d8	7.903	98	215330	4.760	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
43) trans-1,3-Dichloroprop...	8.183	79	28558	4.282	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.600%	
46) 2-Hexanone-d5	8.633	63	149374	42.533	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.060%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	58751	4.393	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	85061	5.050	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.000%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	815	0.074	ug/L #	21
22) cis-1,2-Dichloroethene	4.672	96	18515	1.472	ug/L	98
34) Trichloroethene	6.546	95	9552	0.762	ug/L	96
35) Methylcyclohexane	6.697	83	16445	0.777	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	7841	0.645	ug/L #	88
39) cis-1,3-Dichloropropene	7.569	75	2014	0.107	ug/L #	73
47) Tetrachloroethene	8.556	164	95056	9.339	ug/L	92
49) Dibromochloromethane	8.556	129	86277	7.588	ug/L #	10
61) 1,2,3-Trichloropropane	11.813	75	10569	1.179	ug/L #	67

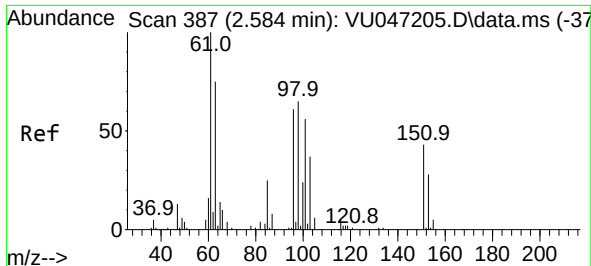
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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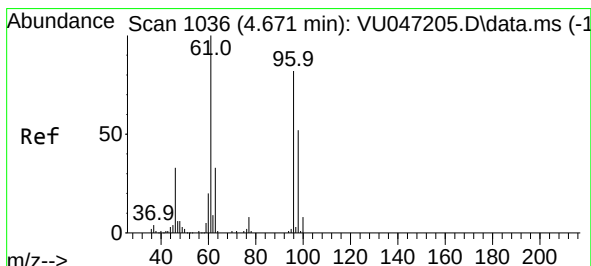
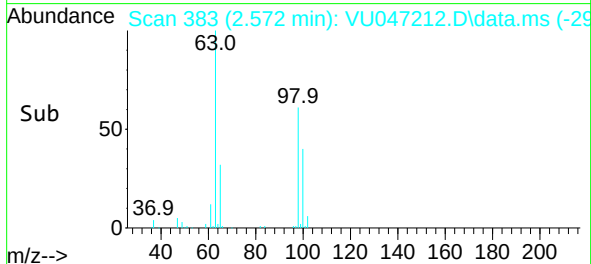
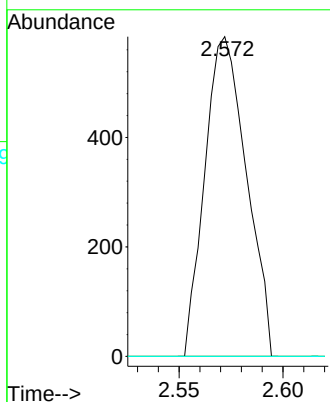
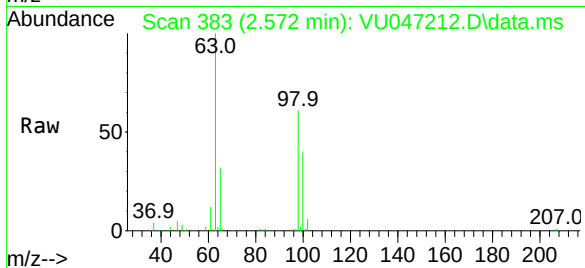




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.074 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.012 min
Lab File: VU047212.D
Acq: 17 Feb 2022 18:21

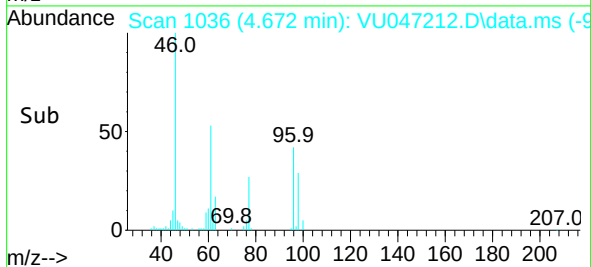
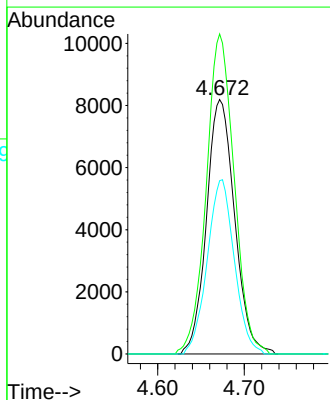
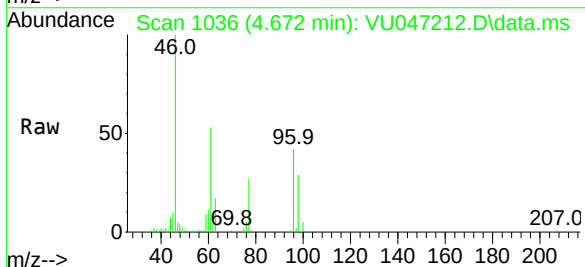
Instrument :
MSVOA_U
ClientSampleId :
F4M65DL

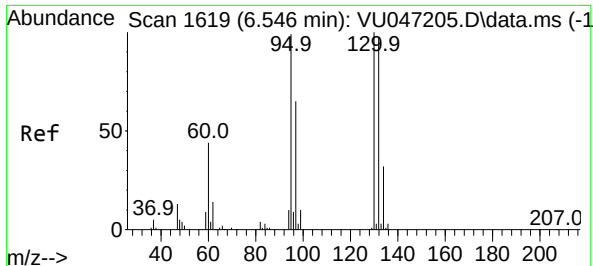
Tgt Ion:101 Resp: 815
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#22
cis-1,2-Dichloroethene
Concen: 1.472 ug/L
RT: 4.672 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047212.D
Acq: 17 Feb 2022 18:21

Tgt Ion: 96 Resp: 18515
Ion Ratio Lower Upper
96 100
61 125.8 88.5 164.3
98 68.1 44.4 82.5





#34

Trichloroethene

Concen: 0.762 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047212.D

Acq: 17 Feb 2022 18:21

Instrument :

MSVOA_U

ClientSampleId :

F4M65DL

Tgt Ion: 95 Resp: 9552

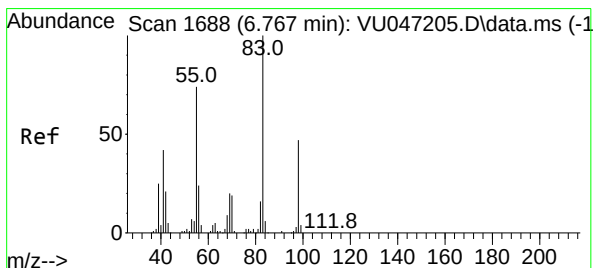
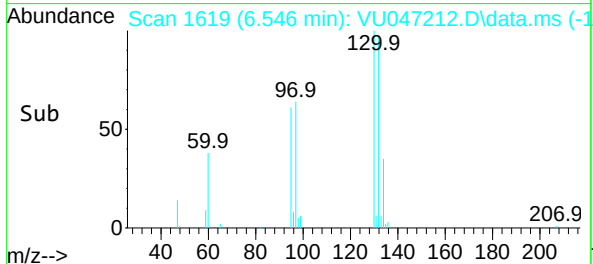
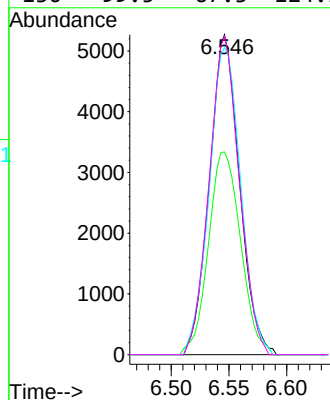
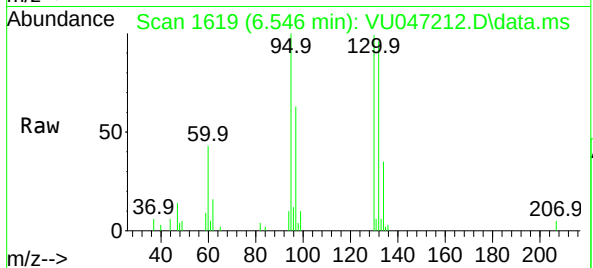
Ion Ratio Lower Upper

95 100

97 63.3 46.5 86.5

132 96.1 65.1 120.9

130 99.5 67.3 124.9



#35

Methylcyclohexane

Concen: 0.777 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.070 min

Lab File: VU047212.D

Acq: 17 Feb 2022 18:21

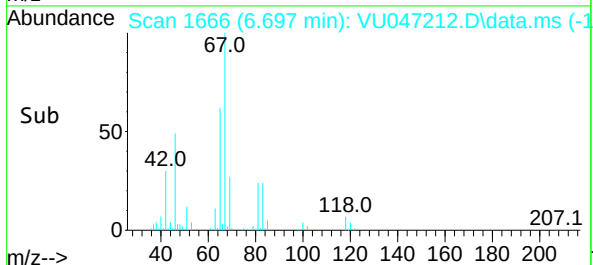
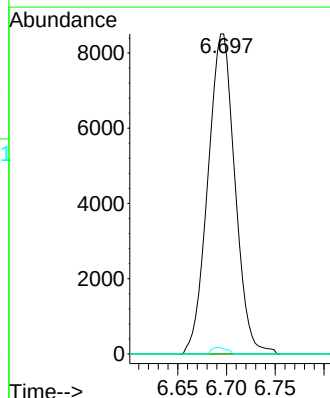
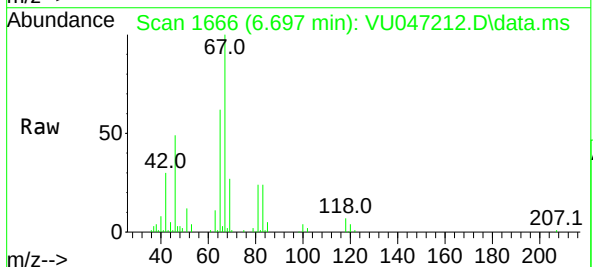
Tgt Ion: 83 Resp: 16445

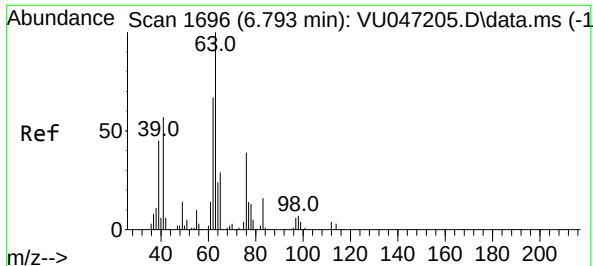
Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 1.1 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.645 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU047212.D

Acq: 17 Feb 2022 18:21

Instrument :

MSVOA_U

ClientSampleId :

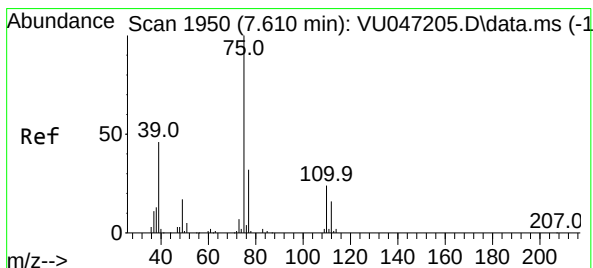
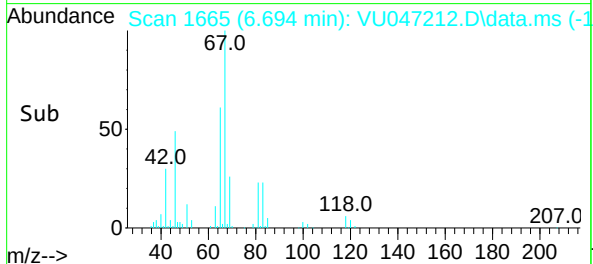
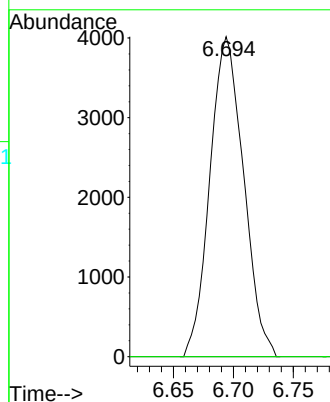
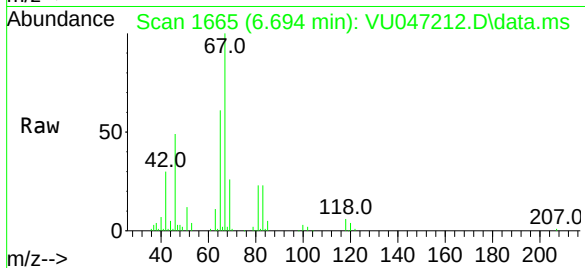
F4M65DL

Tgt Ion: 63 Resp: 7841

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 7.569 min Scan# 1937

Delta R.T. -0.041 min

Lab File: VU047212.D

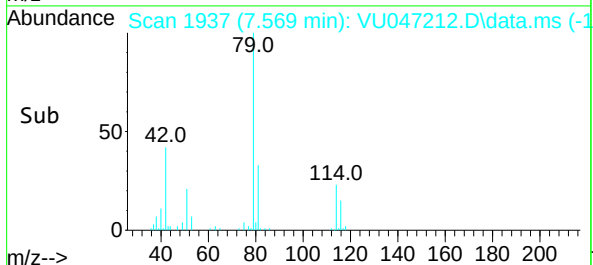
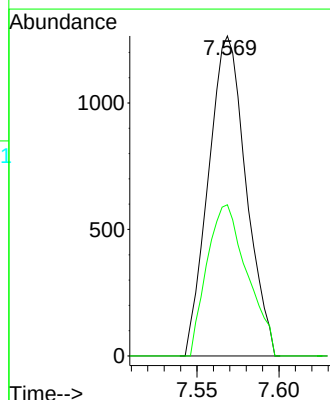
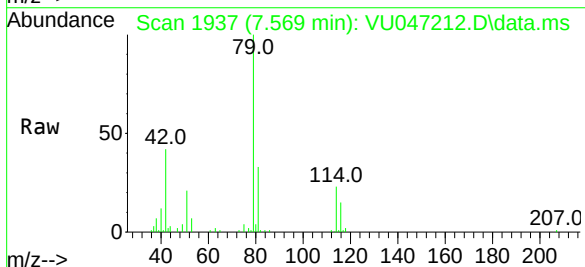
Acq: 17 Feb 2022 18:21

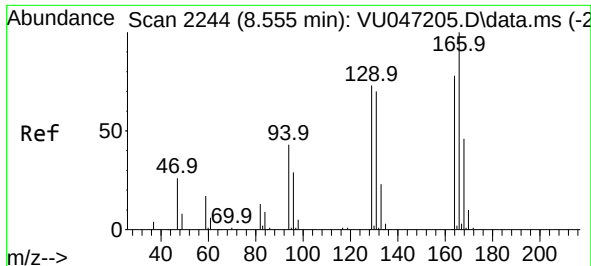
Tgt Ion: 75 Resp: 2014

Ion Ratio Lower Upper

75 100

77 47.3 22.5 41.9#

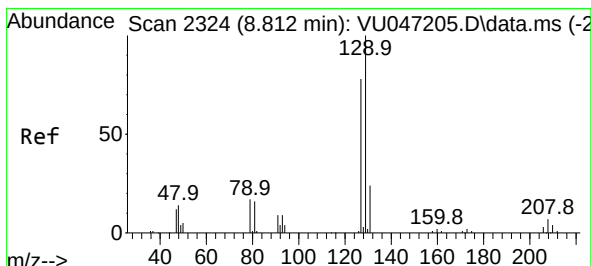
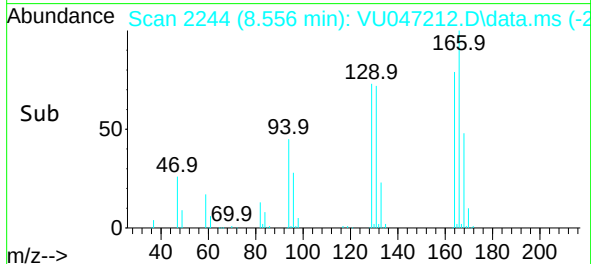
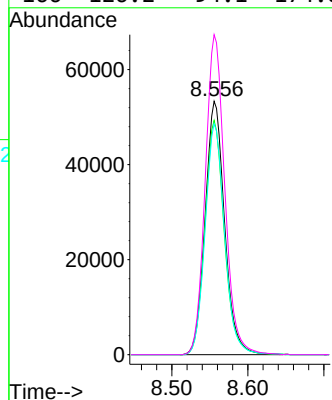
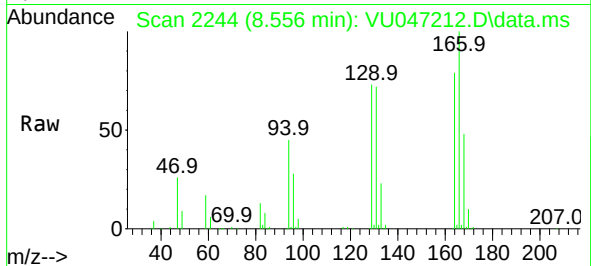




#47
Tetrachloroethene
Concen: 9.339 ug/L
RT: 8.556 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047212.D
Acq: 17 Feb 2022 18:21

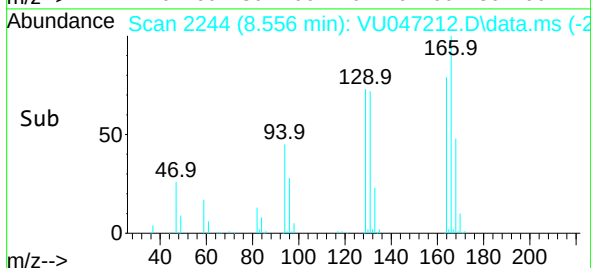
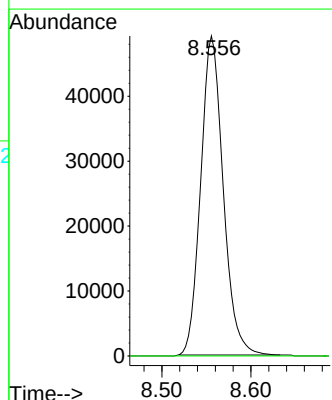
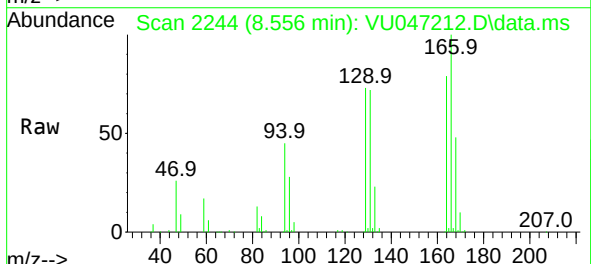
Instrument :
MSVOA_U
ClientSampleId :
F4M65DL

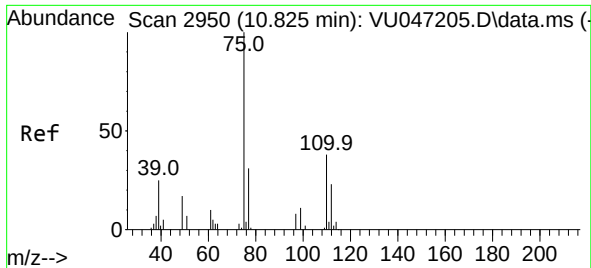
Tgt Ion:164 Resp: 95056
Ion Ratio Lower Upper
164 100
129 92.4 71.8 133.4
131 91.1 68.5 127.3
166 126.2 94.1 174.8



#49
Dibromochloromethane
Concen: 7.588 ug/L
RT: 8.556 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU047212.D
Acq: 17 Feb 2022 18:21

Tgt Ion:129 Resp: 86277
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.179 ug/L
 RT: 11.813 min Scan# 31
 Delta R.T. 0.988 min
 Lab File: VU047212.D
 Acq: 17 Feb 2022 18:21

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M65DL

Tgt Ion: 75 Resp: 10569
 Ion Ratio Lower Upper
 75 100
 110 2.0 29.9 44.9#
 77 30.1 25.5 38.3

