

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047184.D
 Acq On : 17 Feb 2022 02:28
 Operator : SY/MD
 Sample : N1559-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 17 04:53:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:52:04 2022
 Response via : Initial Calibration

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

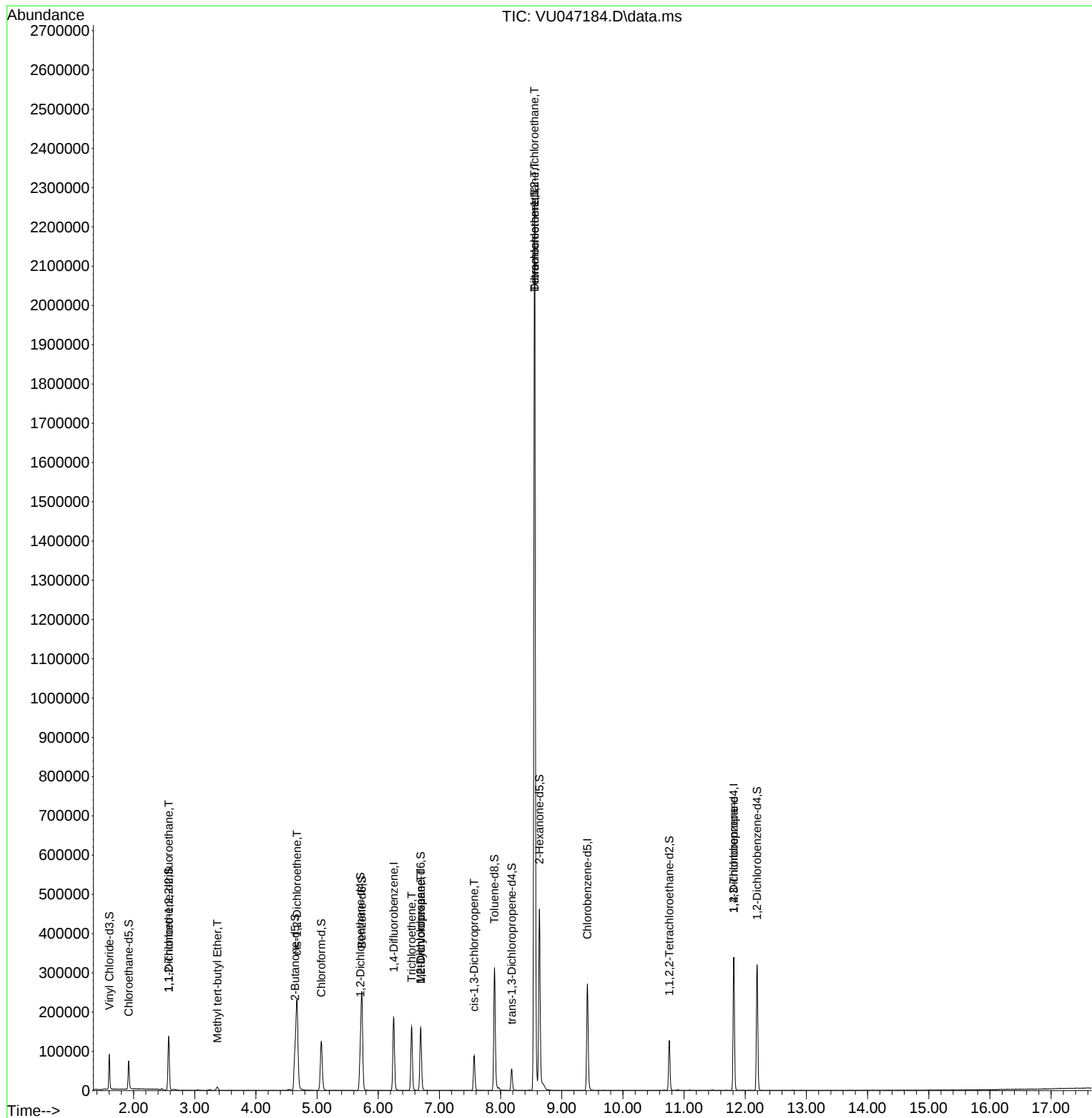
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	160569	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	164831	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	91358	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	64822	4.780	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.600%	
7) Chloroethane-d5	1.919	69	53833	5.009	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.200%	
11) 1,1-Dichloroethene-d2	2.575	65	25564	4.558	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.200%	
20) 2-Butanone-d5	4.639	46	189149	58.355	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.700%	
24) Chloroform-d	5.070	84	113850	5.054	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
26) 1,2-Dichloroethane-d4	5.707	65	63743	5.089	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.800%	
32) Benzene-d6	5.732	84	235925	5.123	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
36) 1,2-Dichloropropane-d6	6.694	67	75416	5.146	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.000%	
41) Toluene-d8	7.899	98	219220	4.866	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
43) trans-1,3-Dichloroprop...	8.182	79	30178	4.543	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.800%	
46) 2-Hexanone-d5	8.636	63	165552	47.329	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.660%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	62522	4.694	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	86289	5.264	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.200%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	818	0.075	ug/L #	21
17) Methyl tert-butyl Ether	3.369	73	8043	0.279	ug/L #	91
22) cis-1,2-Dichloroethene	4.671	96	101755	8.187	ug/L	98
34) Trichloroethene	6.546	95	54269	4.344	ug/L	96
35) Methylcyclohexane	6.694	83	17546	0.832	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	8037	0.664	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1998	0.106	ug/L #	52
45) 1,1,2-Trichloroethane	8.552	97	4358	0.464	ug/L #	1
47) Tetrachloroethene	8.555	164	529223	52.202	ug/L	93
49) Dibromochloromethane	8.555	129	499049	44.066	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	10394	1.191	ug/L #	67

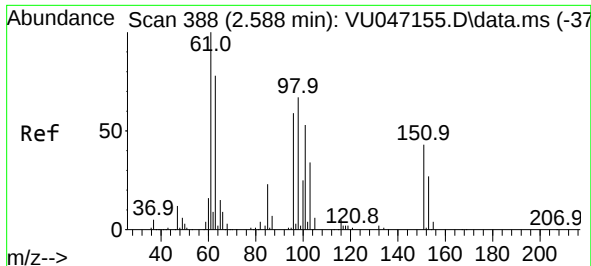
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.075 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

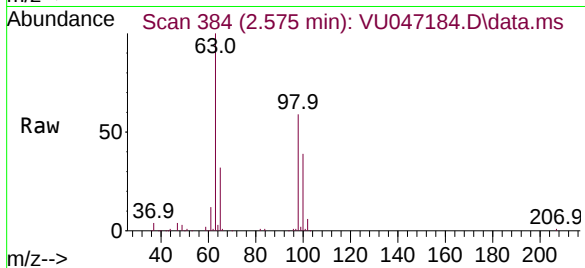
Lab File: VU047184.D

Acq: 17 Feb 2022 02:28

Instrument :

MSVOA_U

ClientSampleId :



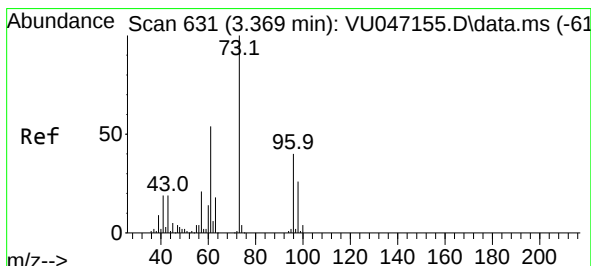
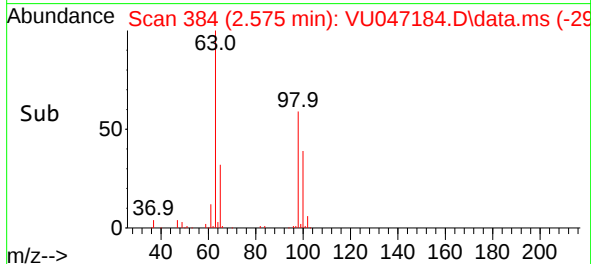
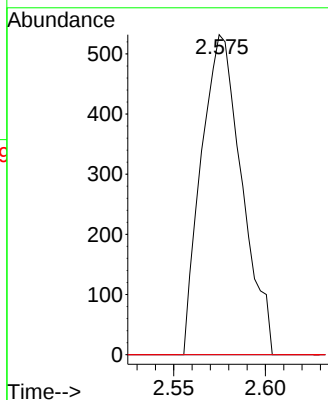
Tgt Ion:101 Resp: 818

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.1 84.1#



#17

Methyl tert-butyl Ether

Concen: 0.279 ug/L

RT: 3.369 min Scan# 631

Delta R.T. 0.000 min

Lab File: VU047184.D

Acq: 17 Feb 2022 02:28

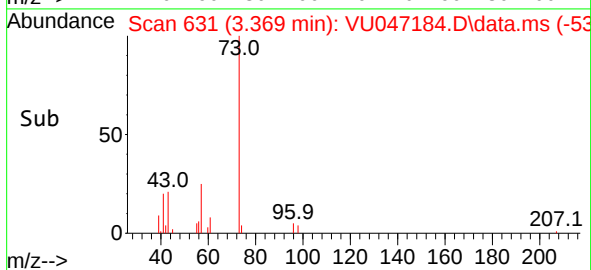
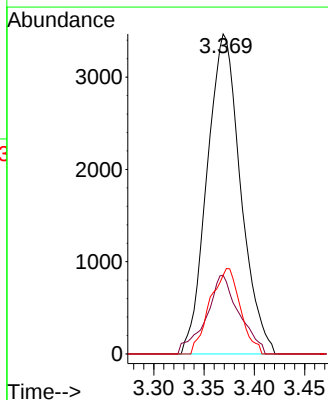
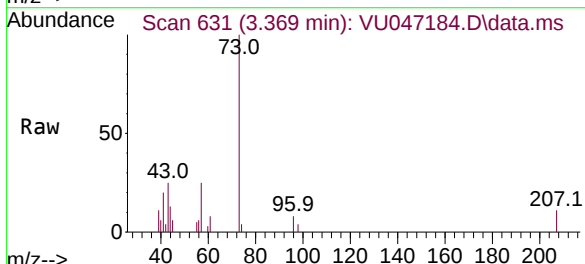
Tgt Ion: 73 Resp: 8043

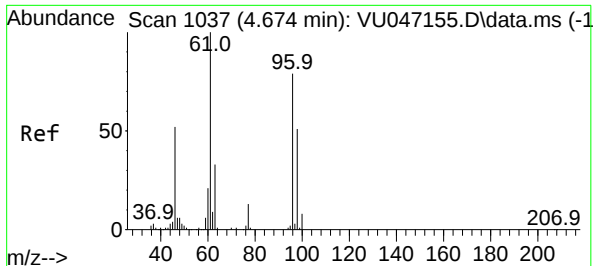
Ion Ratio Lower Upper

73 100

43 24.2 14.8 22.2#

57 24.1 17.4 26.0





#22

cis-1,2-Dichloroethene

Concen: 8.187 ug/L

RT: 4.671 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VU047184.D

Acq: 17 Feb 2022 02:28

Instrument :

MSVOA_U

ClientSampleId :

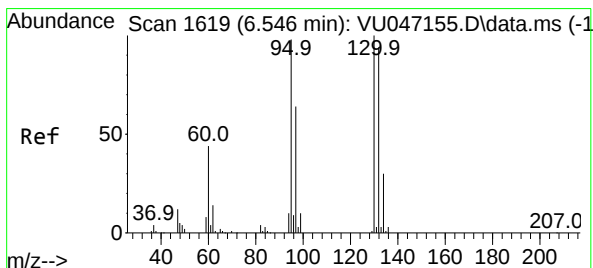
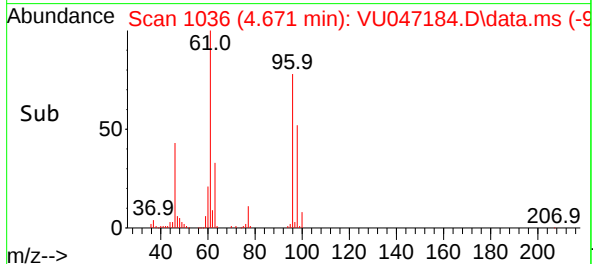
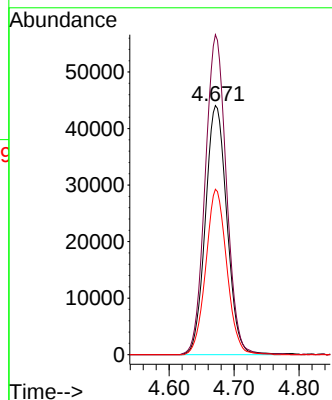
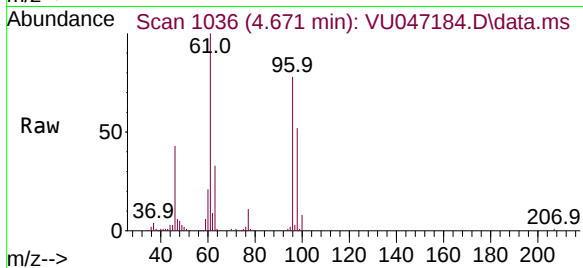
Tgt Ion: 96 Resp: 101755

Ion Ratio Lower Upper

96 100

61 128.4 88.5 164.3

98 66.4 44.4 82.5



#34

Trichloroethene

Concen: 4.344 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU047184.D

Acq: 17 Feb 2022 02:28

Tgt Ion: 95 Resp: 54269

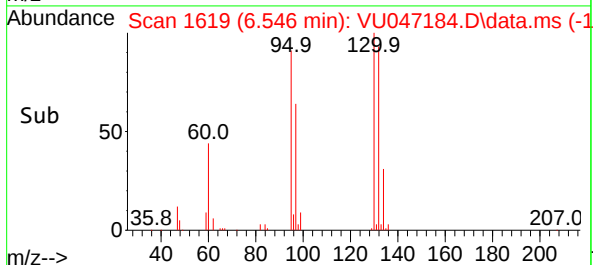
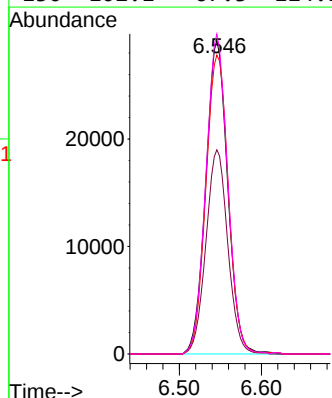
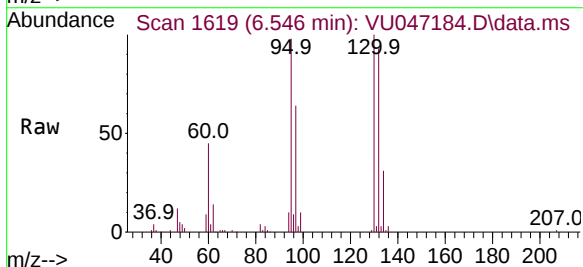
Ion Ratio Lower Upper

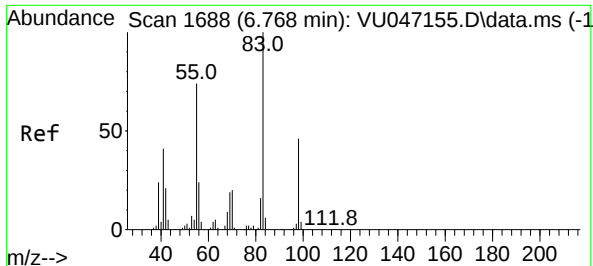
95 100

97 65.1 46.5 86.5

132 95.3 65.1 120.9

130 102.1 67.3 124.9

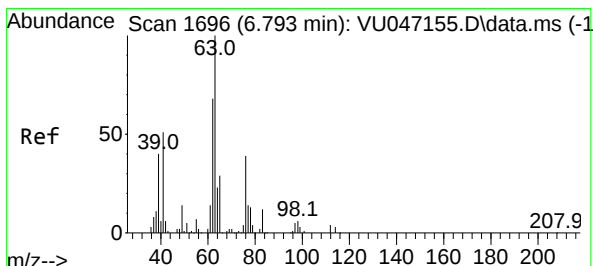
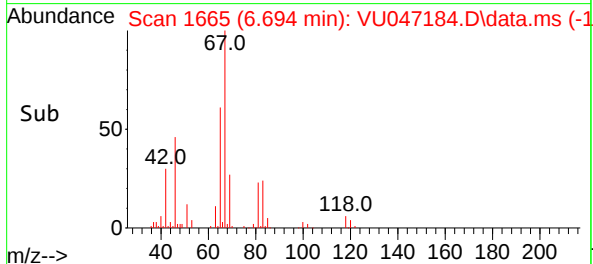
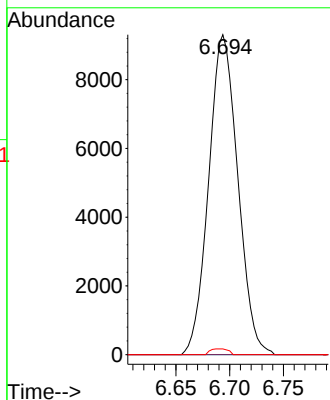
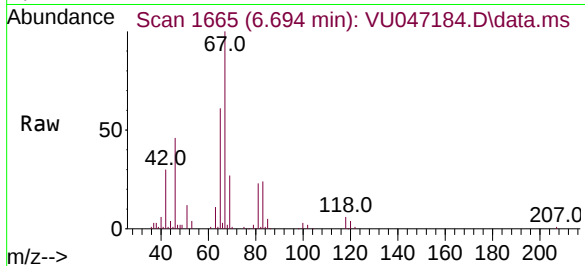




#35
Methylcyclohexane
Concen: 0.832 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047184.D
Acq: 17 Feb 2022 02:28

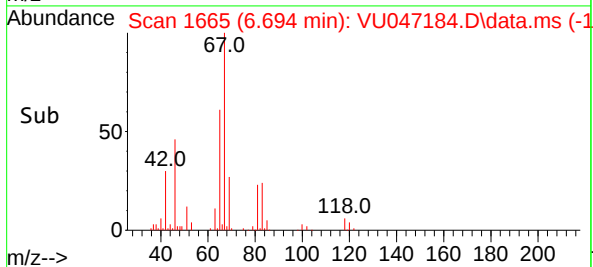
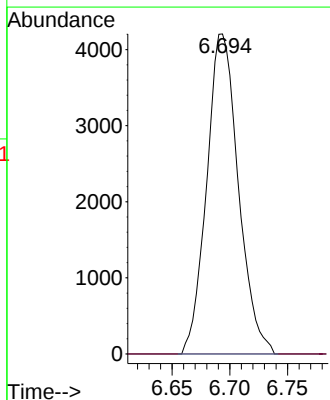
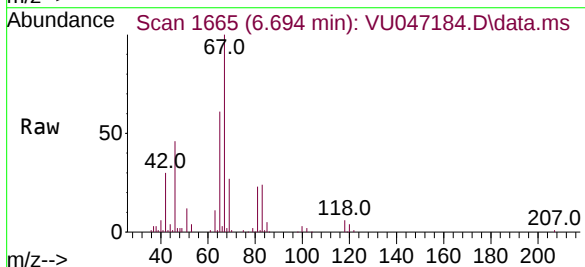
Instrument :
MSVOA_U
ClientSampleId :

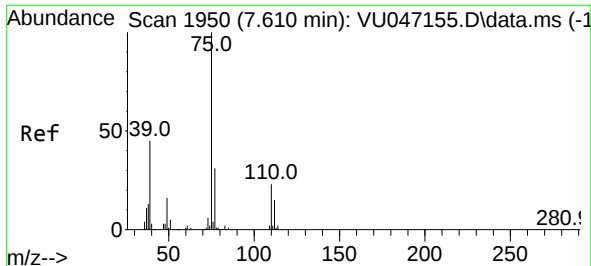
Tgt Ion: 83 Resp: 17546
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 1.1 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.664 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047184.D
Acq: 17 Feb 2022 02:28

Tgt Ion: 63 Resp: 8037
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047184.D

Acq: 17 Feb 2022 02:28

Instrument :

MSVOA_U

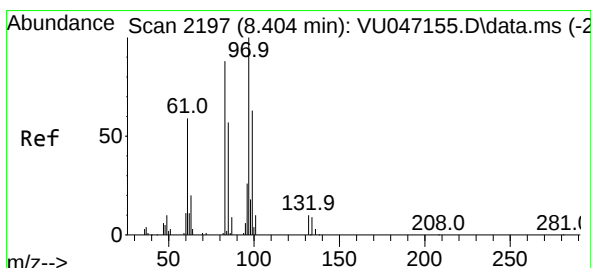
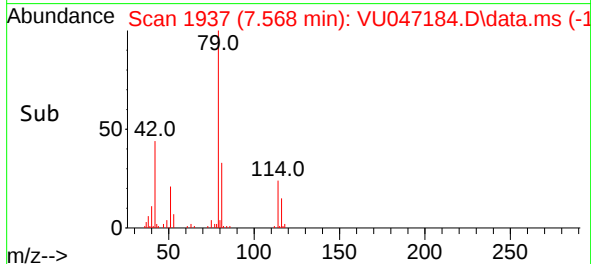
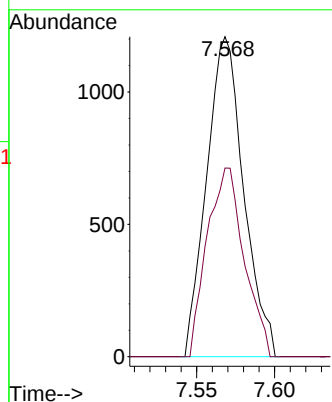
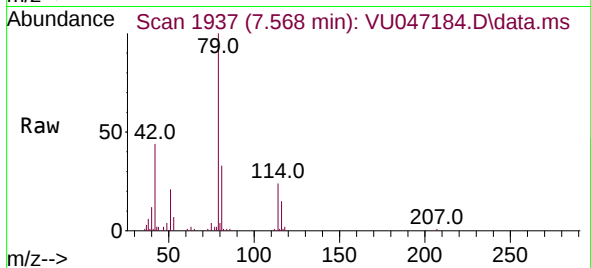
ClientSampleId :

Tgt Ion: 75 Resp: 1998

Ion Ratio Lower Upper

75 100

77 59.0 22.5 41.9#



#45

1,1,2-Trichloroethane

Concen: 0.464 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.148 min

Lab File: VU047184.D

Acq: 17 Feb 2022 02:28

Tgt Ion: 97 Resp: 4358

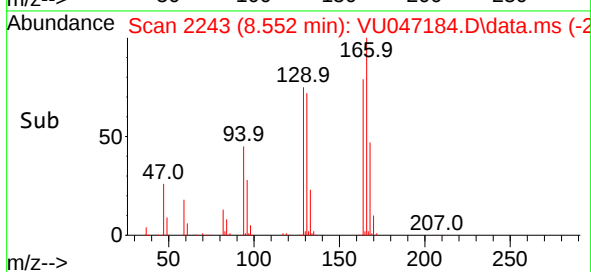
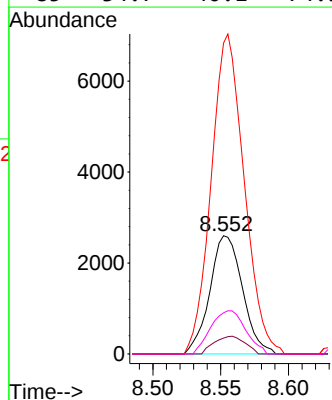
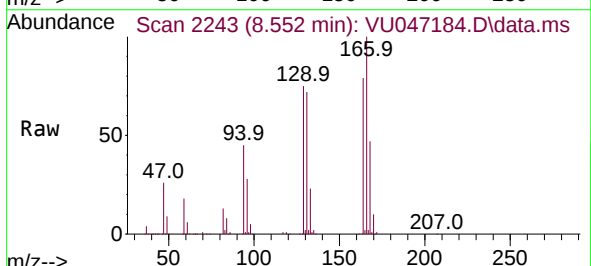
Ion Ratio Lower Upper

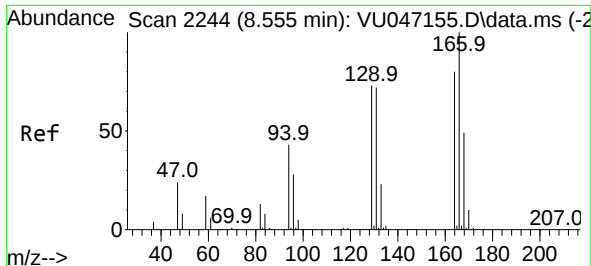
97 100

99 13.4 42.3 78.5#

83 262.9 62.0 115.2#

85 34.7 40.1 74.5#





#47

Tetrachloroethene

Concen: 52.202 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

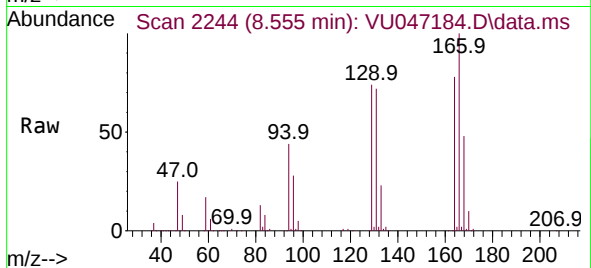
Lab File: VU047184.D

Acq: 17 Feb 2022 02:28

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 529223

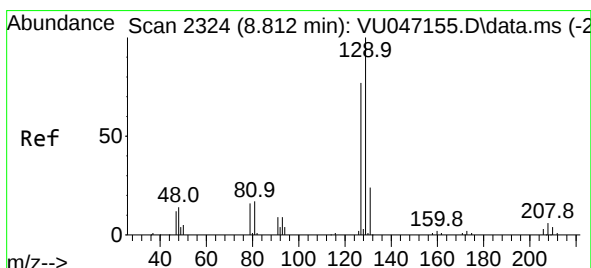
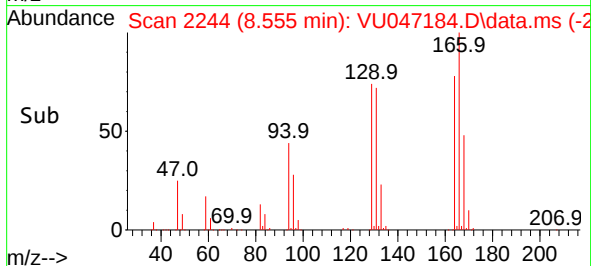
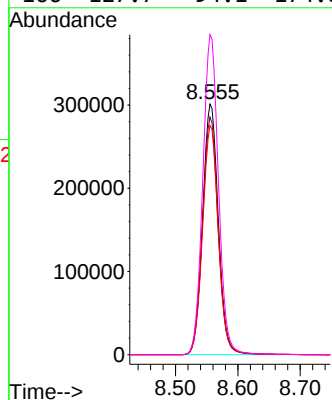
Ion Ratio Lower Upper

164 100

129 94.8 71.8 133.4

131 91.4 68.5 127.3

166 127.7 94.1 174.8



#49

Dibromochloromethane

Concen: 44.066 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU047184.D

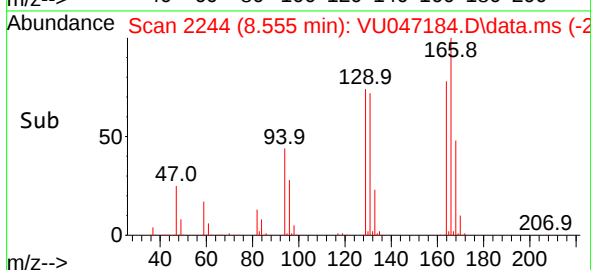
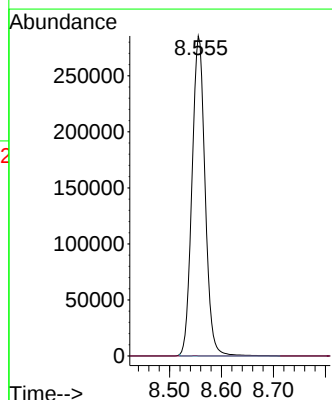
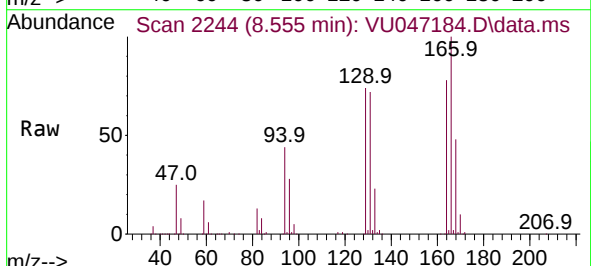
Acq: 17 Feb 2022 02:28

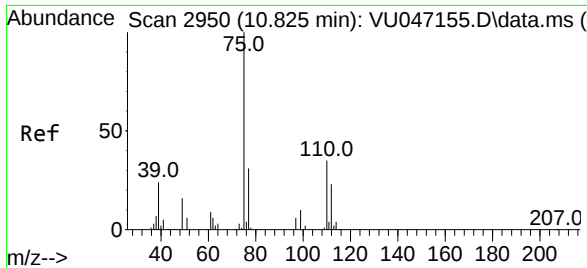
Tgt Ion:129 Resp: 499049

Ion Ratio Lower Upper

129 100

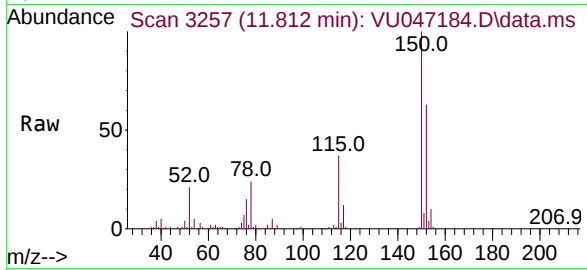
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.191 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047184.D
 Acq: 17 Feb 2022 02:28

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 10394
 Ion Ratio Lower Upper
 75 100
 110 2.7 29.9 44.9#
 77 33.8 25.5 38.3

