

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112621\
 Data File : VU046011.D
 Acq On : 26 Nov 2021 11:48
 Operator : SY/MD
 Sample : M4722-09DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0G49DL

Quant Time: Nov 26 23:27:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 23:26:55 2021
 Response via : Initial Calibration

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

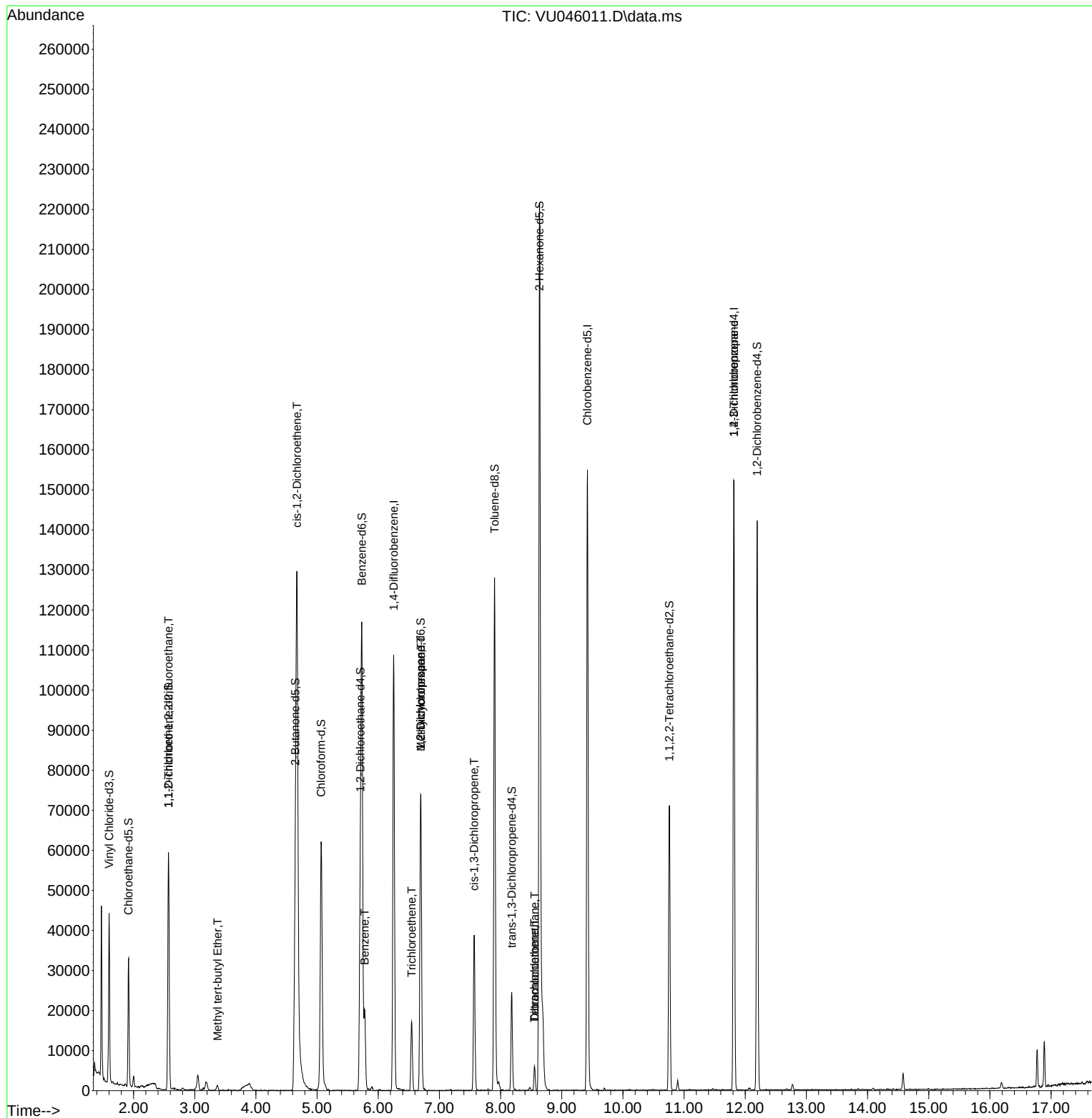
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	89491	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	89595	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	41188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	26200	3.695	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.000%	
7) Chloroethane-d5	1.916	69	23806	4.612	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.200%	
11) 1,1-Dichloroethene-d2	2.572	65	11057	3.718	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.400%	
20) 2-Butanone-d5	4.645	46	122096	64.258	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	128.520%	
24) Chloroform-d	5.067	84	57717	4.886	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
26) 1,2-Dichloroethane-d4	5.706	65	34794	5.020	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.400%	
32) Benzene-d6	5.732	84	109630	4.443	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
36) 1,2-Dichloropropane-d6	6.694	67	36061	4.637	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.800%	
41) Toluene-d8	7.903	98	88021	3.944	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.800%	
43) trans-1,3-Dichloroprop...	8.182	79	14325	4.538	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.800%	
46) 2-Hexanone-d5	8.636	63	81311	57.228	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	114.460%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36602	5.572	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	111.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	37333	5.279	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.600%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	277	0.047	ug/L #	21
17) Methyl tert-butyl Ether	3.372	73	1458	0.101	ug/L #	90
22) cis-1,2-Dichloroethene	4.671	96	49651	7.712	ug/L	99
33) Benzene	5.777	78	19098	0.764	ug/L	100
34) Trichloroethene	6.546	95	5820	0.903	ug/L	95
35) Methylcyclohexane	6.697	83	8285	0.837	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	3989	0.606	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	946	0.101	ug/L #	58
47) Tetrachloroethene	8.552	164	1348	0.299	ug/L	96
49) Dibromochloromethane	8.555	129	1264	0.227	ug/L #	10
61) 1,2,3-Trichloropropane	11.816	75	5094	1.191	ug/L #	67

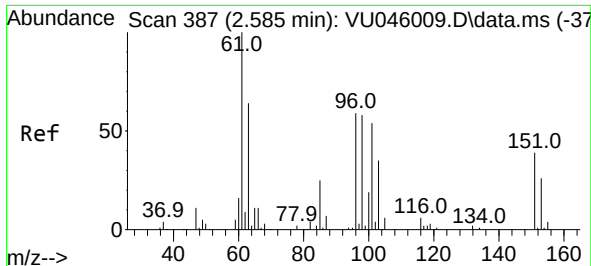
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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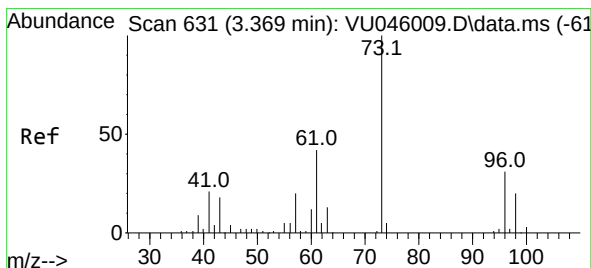
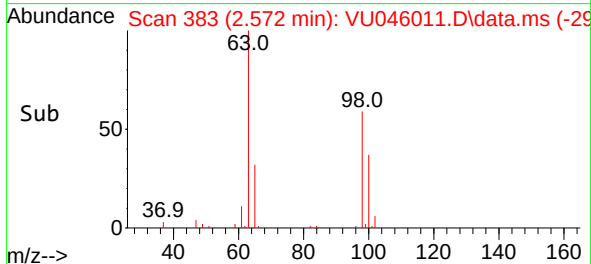
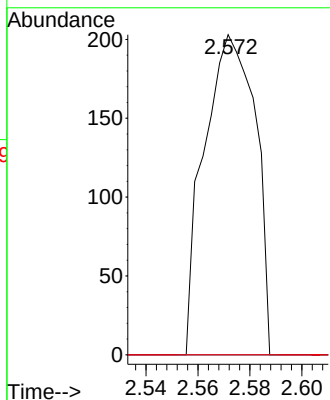
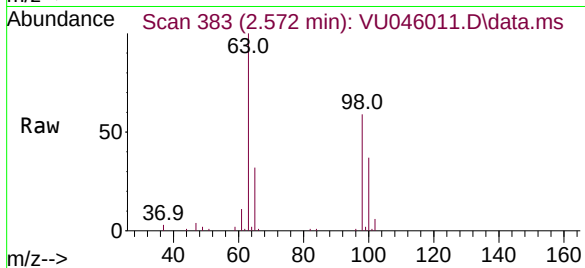




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.047 ug/L
RT: 2.572 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU046011.D
Acq: 26 Nov 2021 11:48

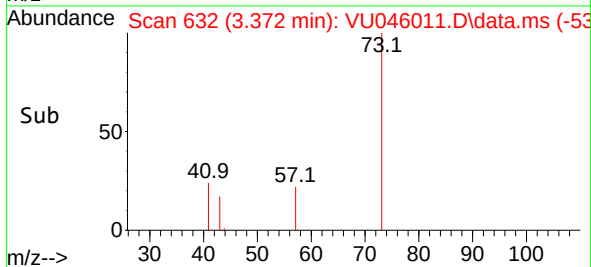
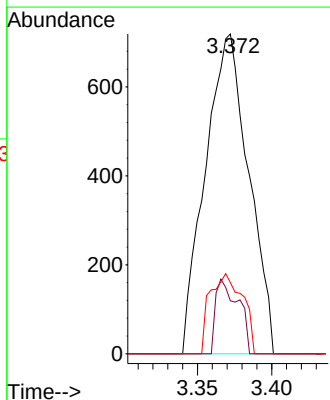
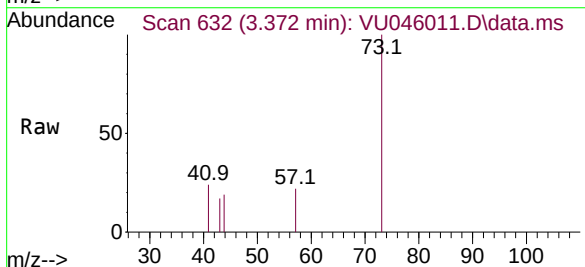
Instrument :
MSVOA_U
ClientSampleId :
C0G49DL

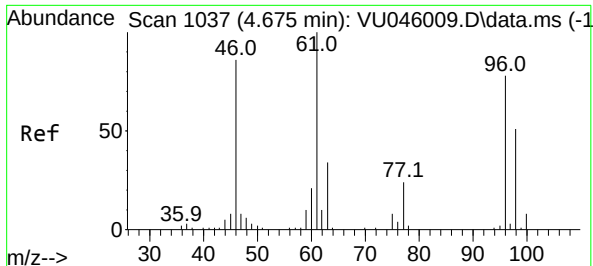
Tgt Ion:101 Resp: 277
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#17
Methyl tert-butyl Ether
Concen: 0.101 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.003 min
Lab File: VU046011.D
Acq: 26 Nov 2021 11:48

Tgt Ion: 73 Resp: 1458
Ion Ratio Lower Upper
73 100
43 12.1 14.8 22.2#
57 18.9 17.4 26.0





#22

cis-1,2-Dichloroethene

Concen: 7.712 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046011.D

Acq: 26 Nov 2021 11:48

Instrument :

MSVOA_U

ClientSampleId :

C0G49DL

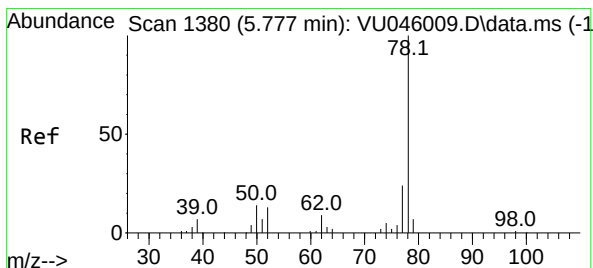
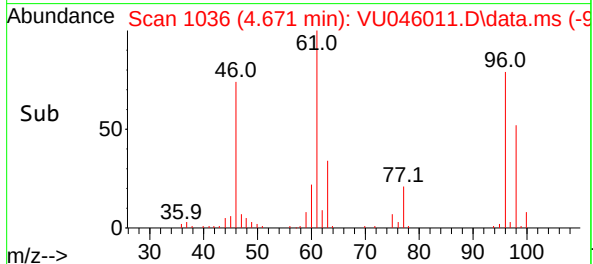
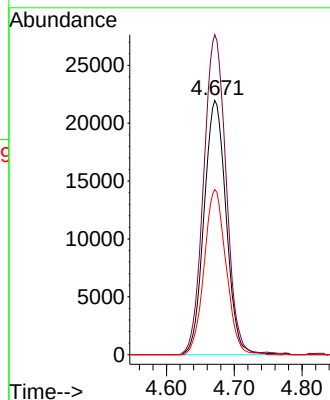
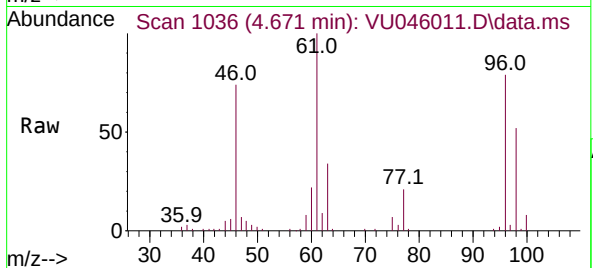
Tgt Ion: 96 Resp: 49651

Ion Ratio Lower Upper

96 100

61 125.9 88.5 164.3

98 65.0 44.4 82.5



#33

Benzene

Concen: 0.764 ug/L

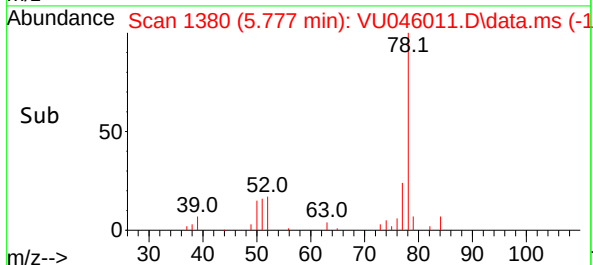
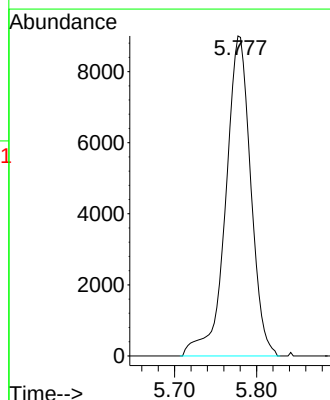
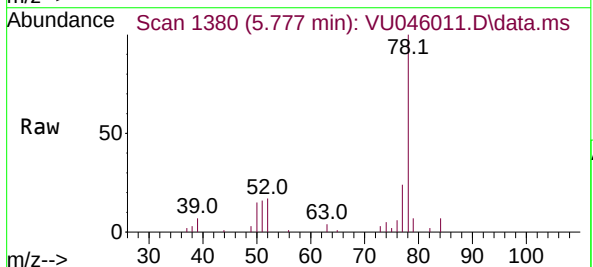
RT: 5.777 min Scan# 1380

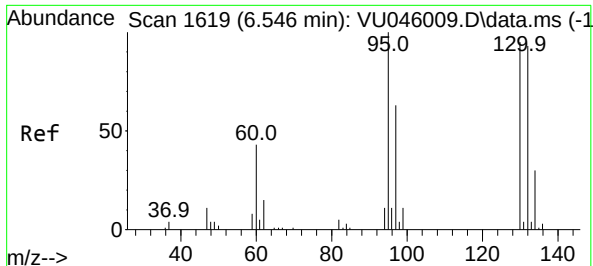
Delta R.T. -0.000 min

Lab File: VU046011.D

Acq: 26 Nov 2021 11:48

Tgt Ion: 78 Resp: 19098

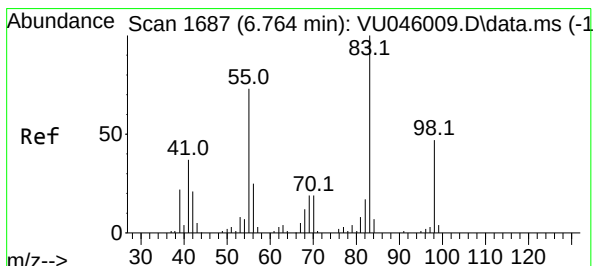
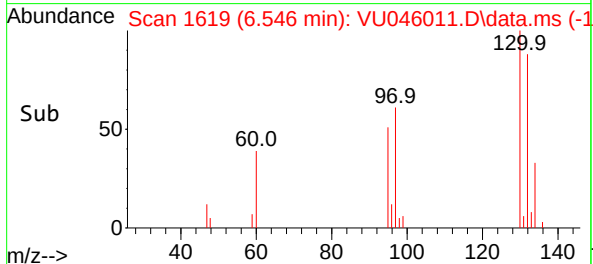
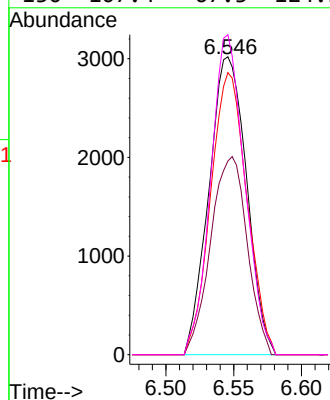
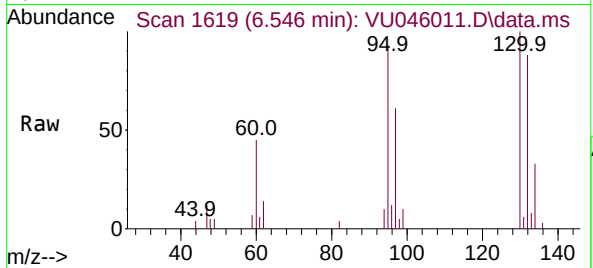




#34
Trichloroethene
Concen: 0.903 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046011.D
Acq: 26 Nov 2021 11:48

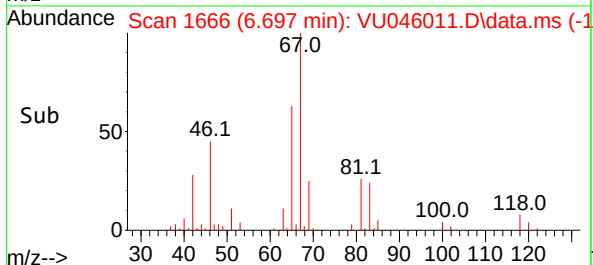
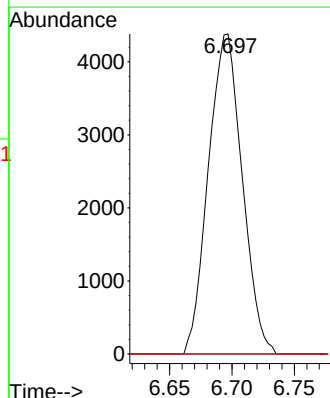
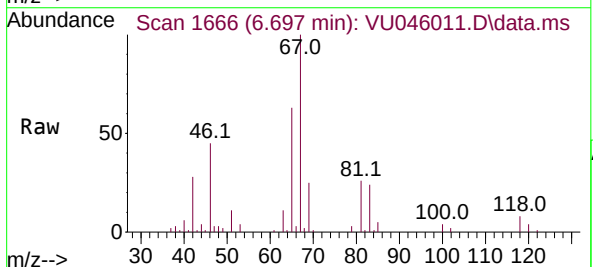
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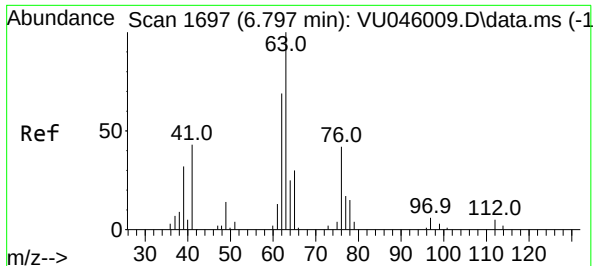
Tgt Ion: 95 Resp: 5820
Ion Ratio Lower Upper
95 100
97 65.0 46.5 86.5
132 94.7 65.1 120.9
130 107.4 67.3 124.9



#35
Methylcyclohexane
Concen: 0.837 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.068 min
Lab File: VU046011.D
Acq: 26 Nov 2021 11:48

Tgt Ion: 83 Resp: 8285
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 1.2 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.606 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046011.D

Acq: 26 Nov 2021 11:48

Instrument :

MSVOA_U

ClientSampleId :

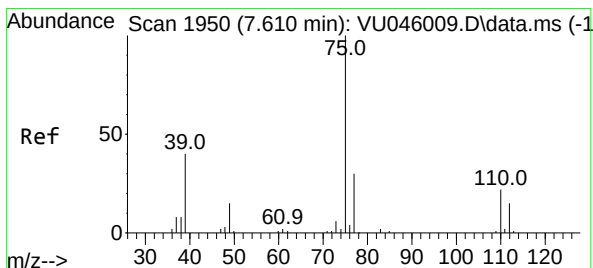
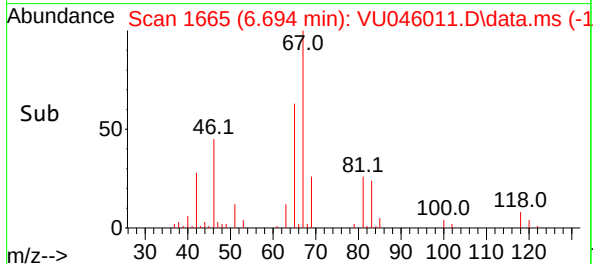
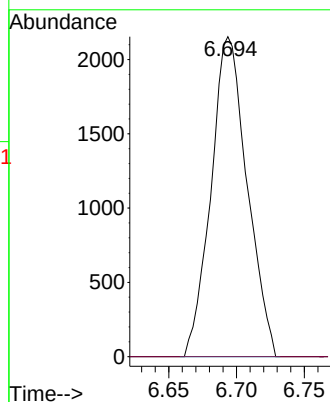
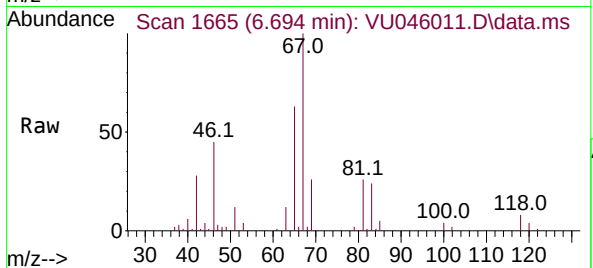
C0G49DL

Tgt Ion: 63 Resp: 3989

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046011.D

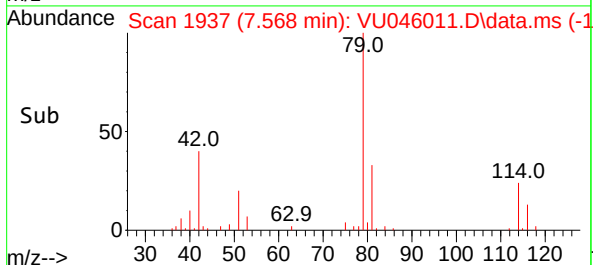
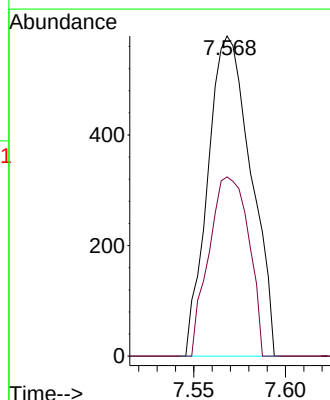
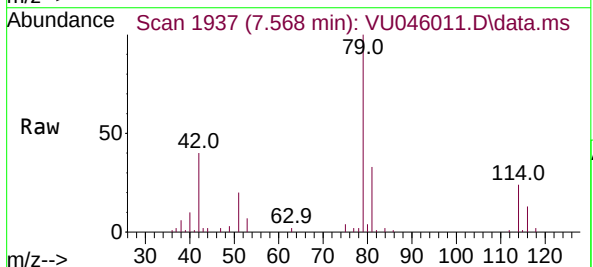
Acq: 26 Nov 2021 11:48

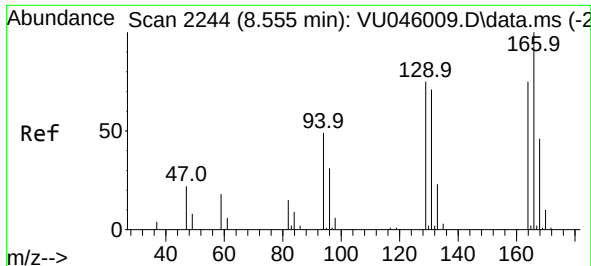
Tgt Ion: 75 Resp: 946

Ion Ratio Lower Upper

75 100

77 56.0 22.5 41.9#





#47

Tetrachloroethene

Concen: 0.299 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU046011.D

Acq: 26 Nov 2021 11:48

Instrument :

MSVOA_U

ClientSampleId :

C0G49DL

Tgt Ion:164 Resp: 1348

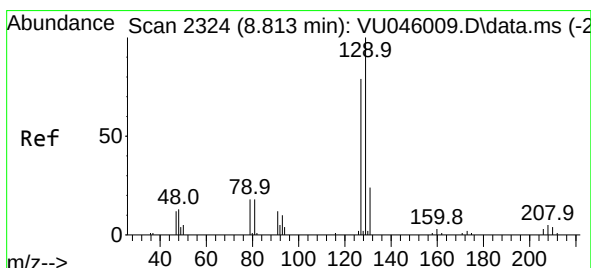
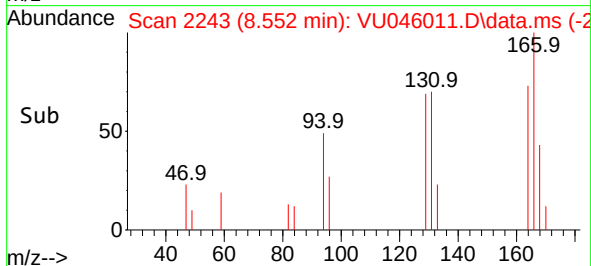
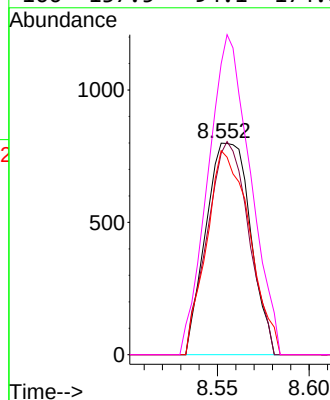
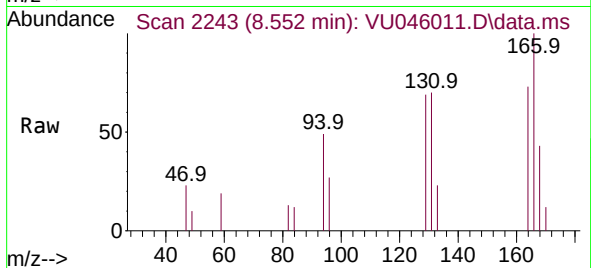
Ion Ratio Lower Upper

164 100

129 95.2 71.8 133.4

131 96.5 68.5 127.3

166 137.5 94.1 174.8



#49

Dibromochloromethane

Concen: 0.227 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU046011.D

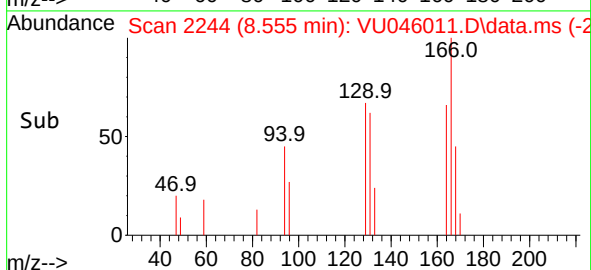
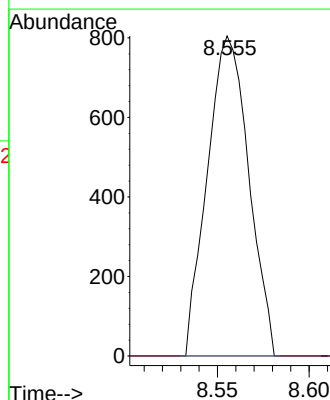
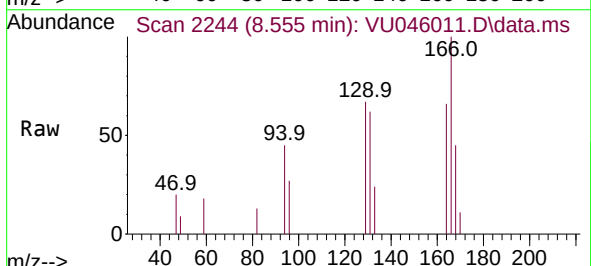
Acq: 26 Nov 2021 11:48

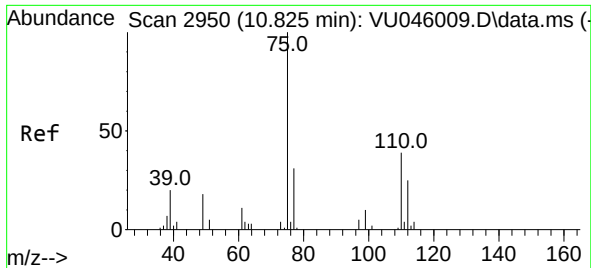
Tgt Ion:129 Resp: 1264

Ion Ratio Lower Upper

129 100

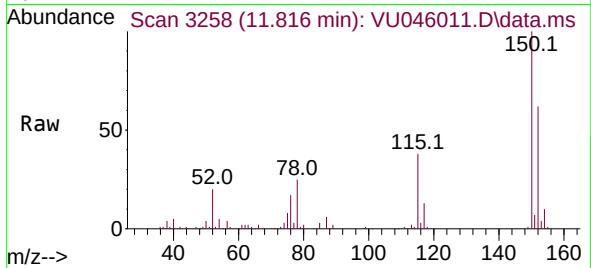
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.191 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU046011.D
 Acq: 26 Nov 2021 11:48

Instrument :
 MSVOA_U
 ClientSampleId :
 C0G49DL



Tgt Ion: 75 Resp: 5094
 Ion Ratio Lower Upper
 75 100
 110 0.8 29.9 44.9#
 77 32.0 25.5 38.3

