

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021122\
 Data File : VU047109.D
 Acq On : 11 Feb 2022 13:00
 Operator : SY/MD
 Sample : N1462-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

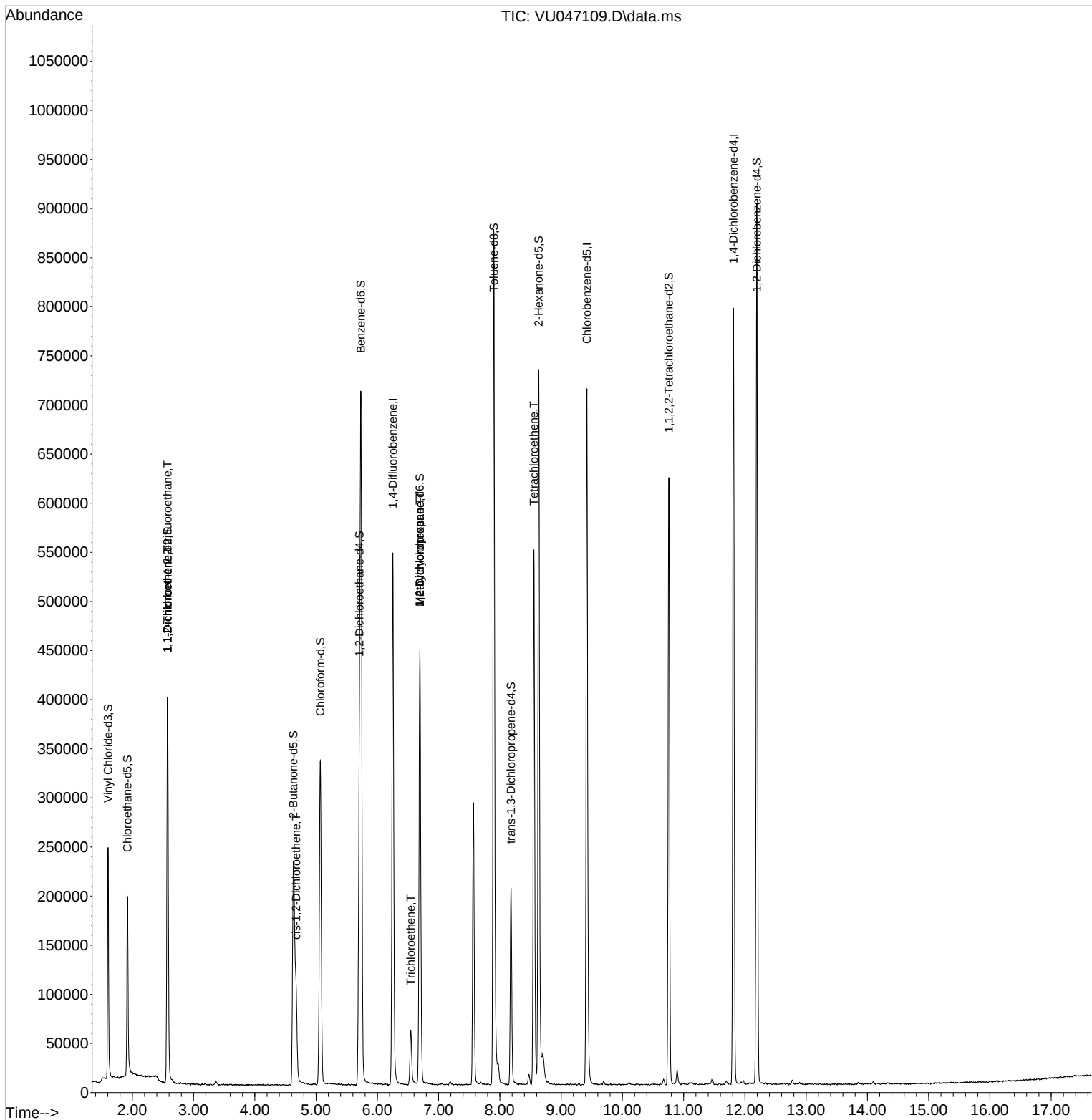
Quant Time: Feb 12 01:26:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 12 01:25:35 2022
 Response via : Initial Calibration

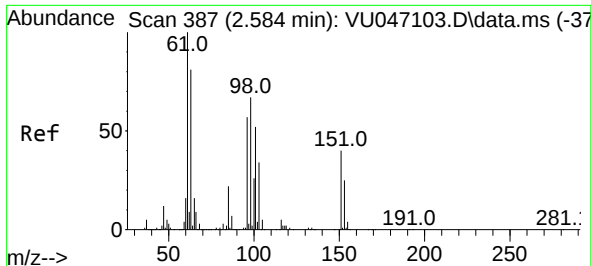
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	456501	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	420343	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	216531	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	173677	41.891	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	83.780%	
7) Chloroethane-d5	1.919	69	140056	45.570	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	91.140%	
11) 1,1-Dichloroethene-d2	2.575	63	234814	34.177	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	68.360%	
21) 2-Butanone-d5	4.630	46	364484	113.355	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	113.350%	
24) Chloroform-d	5.070	84	307892	45.745	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.480%	
26) 1,2-Dichloroethane-d4	5.707	65	206789	47.867	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.740%	
32) Benzene-d6	5.732	84	661649	47.347	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.700%	
36) 1,2-Dichloropropane-d6	6.694	67	218009	48.106	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	96.220%	
41) Toluene-d8	7.899	98	625357	47.000	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.000%	
43) trans-1,3-Dichloroprop...	8.182	79	110740	46.629	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	93.260%	
47) 2-Hexanone-d5	8.633	63	272296	104.879	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	104.880%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	314262	47.557	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	95.120%	
66) 1,2-Dichlorobenzene-d4	12.195	152	242340	47.190	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.380%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	2239	0.740	ug/L #	22
12) 1,1-Dichloroethene	2.575	96	1678	0.565	ug/L #	1
20) cis-1,2-Dichloroethene	4.675	96	39689	11.505	ug/L	94
34) Trichloroethene	6.546	95	18000	5.285	ug/L	96
35) Methylcyclohexane	6.694	83	48309	8.454	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	23107	6.580	ug/L #	86
46) Tetrachloroethene	8.555	164	128038	46.736	ug/L	97

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

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Quant Title : VOC Analysis
QLast Update : Sat Feb 12 01:25:35 2022
Response via : Initial Calibration





#10

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

Concen: 0.740 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.010 min

Lab File: VU047109.D

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ClientSampleId :

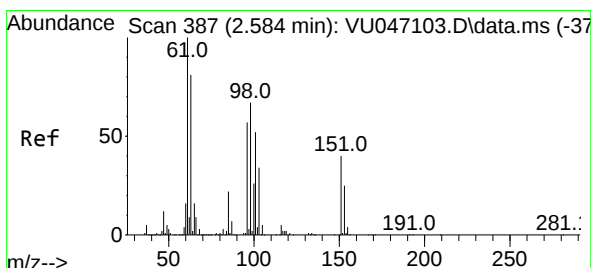
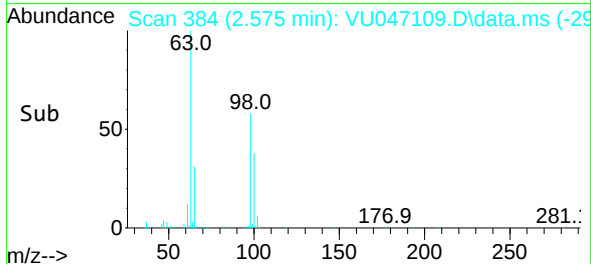
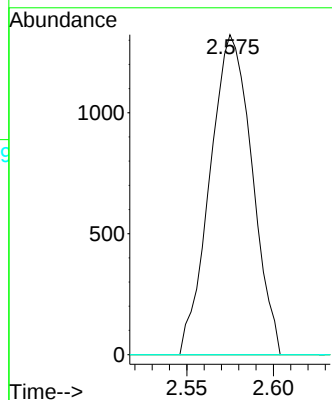
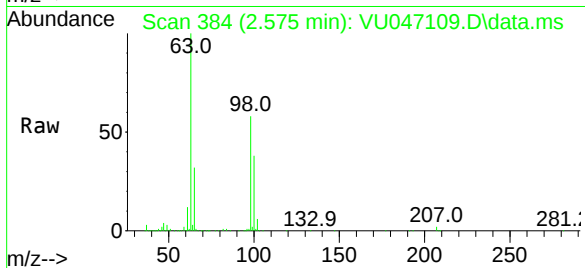
Tgt Ion:101 Resp: 2239

Ion Ratio Lower Upper

101 100

85 2.9 34.9 52.3#

151 0.0 58.3 87.5#



#12

1,1-Dichloroethene

Concen: 0.565 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.010 min

Lab File: VU047109.D

Acq: 11 Feb 2022 13:00

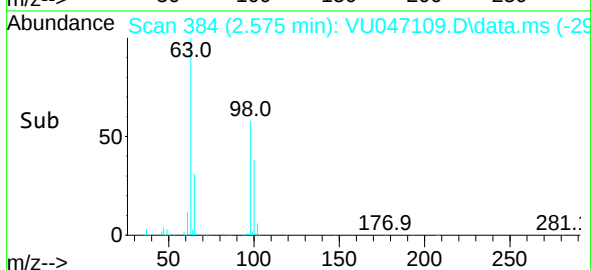
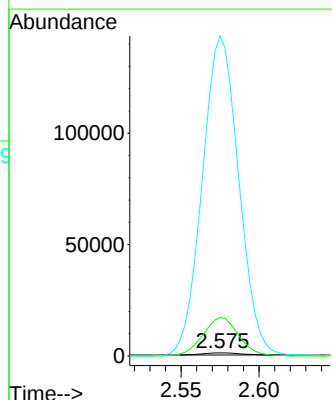
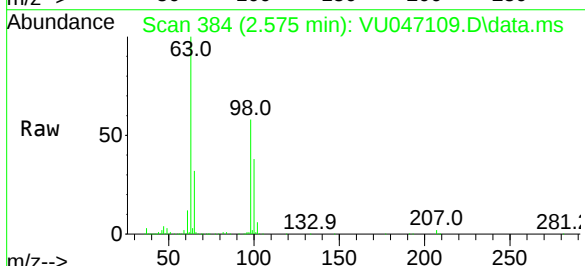
Tgt Ion: 96 Resp: 1678

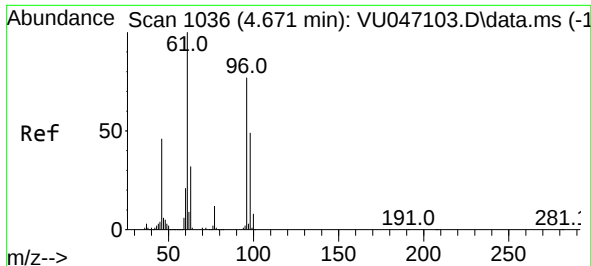
Ion Ratio Lower Upper

96 100

61 1231.9 114.9 213.3#

63 10219.1 86.0 159.8#

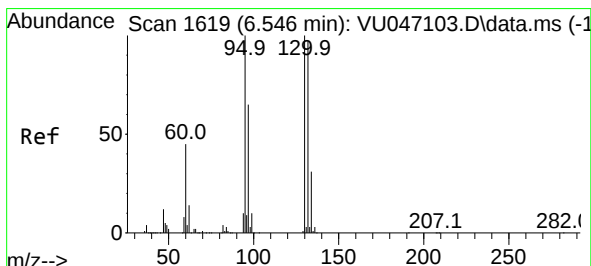
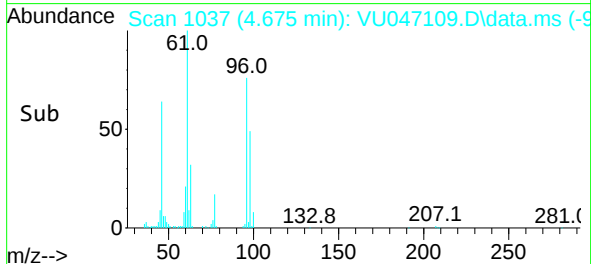
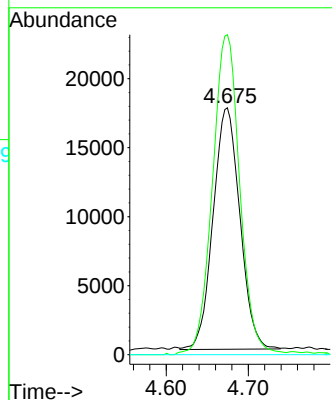
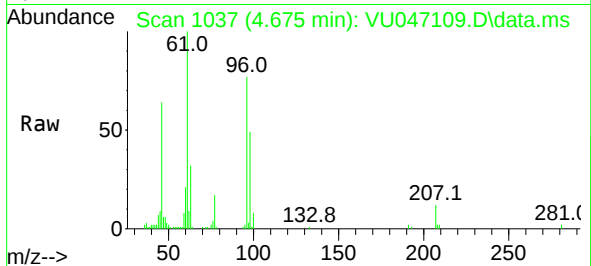




#20
cis-1,2-Dichloroethene
Concen: 11.505 ug/L
RT: 4.675 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU047109.D
Acq: 11 Feb 2022 13:00

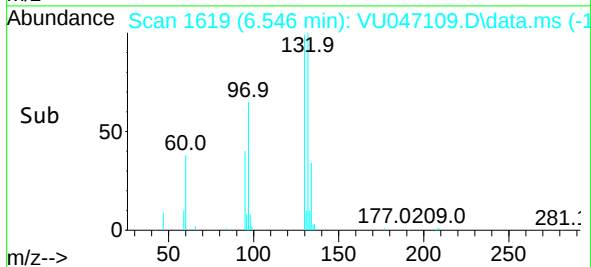
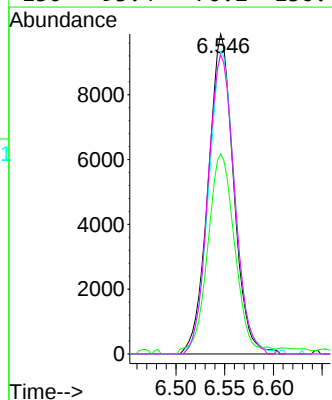
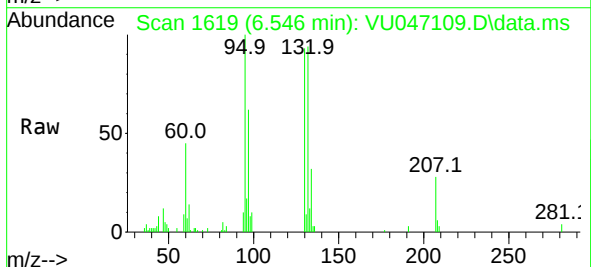
Instrument :
MSVOA_U
ClientSampleId :

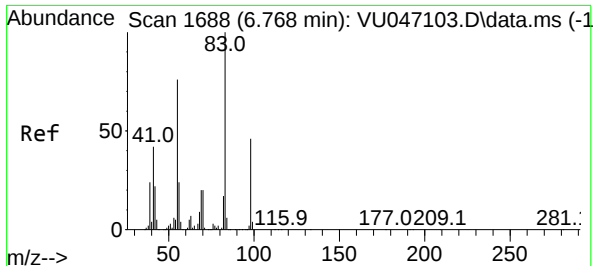
Tgt Ion: 96 Resp: 39689
Ion Ratio Lower Upper
96 100
61 129.6 86.0 159.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 5.285 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047109.D
Acq: 11 Feb 2022 13:00

Tgt Ion: 95 Resp: 18000
Ion Ratio Lower Upper
95 100
97 62.4 45.1 83.7
132 94.5 66.7 123.9
130 93.4 70.2 130.4





#35

Methylcyclohexane

Concen: 8.454 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047109.D

Acq: 11 Feb 2022 13:00

Instrument :

MSVOA_U

ClientSampleId :

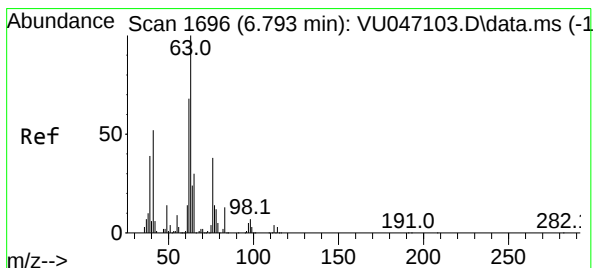
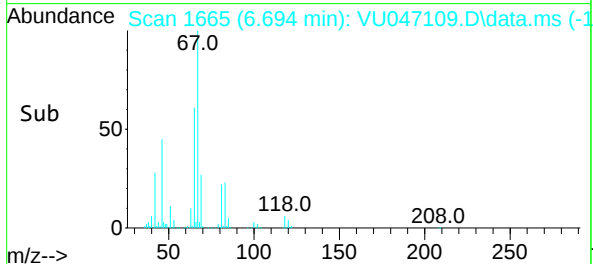
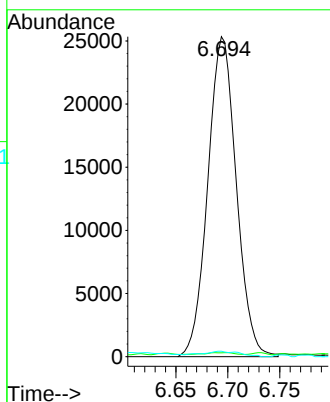
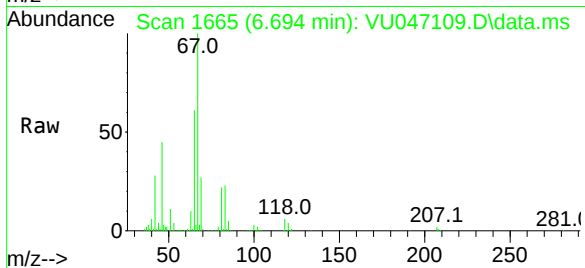
Tgt Ion: 83 Resp: 48309

Ion Ratio Lower Upper

83 100

55 0.2 56.6 85.0#

98 0.3 38.4 57.6#



#37

1,2-Dichloropropane

Concen: 6.580 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU047109.D

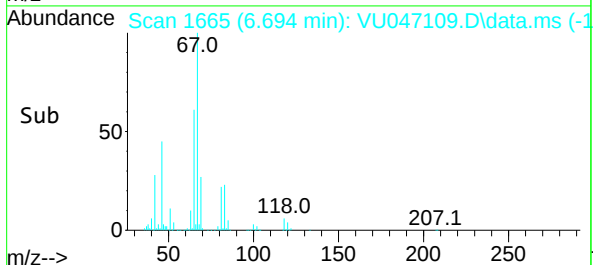
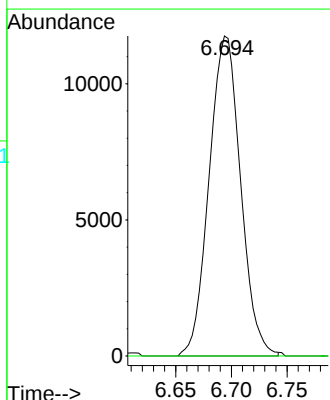
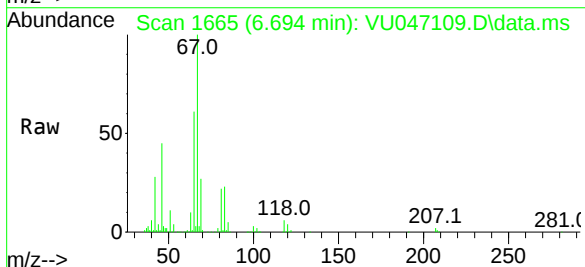
Acq: 11 Feb 2022 13:00

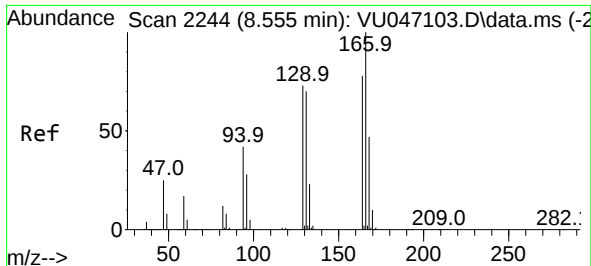
Tgt Ion: 63 Resp: 23107

Ion Ratio Lower Upper

63 100

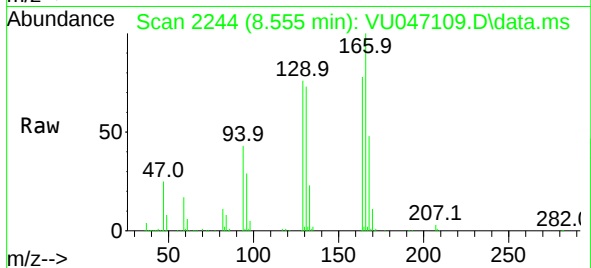
112 0.0 3.7 5.5#





#46
 Tetrachloroethene
 Concen: 46.736 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU047109.D
 Acq: 11 Feb 2022 13:00

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	164	Resp:	128038
Ion	Ratio	Lower	Upper
164	100		
129	96.4	69.5	129.1
131	92.4	67.0	124.4
166	127.4	90.6	168.2

